

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141666.D
 Acq On : 18 Feb 2025 17:30
 Operator : RC/JU
 Sample : Q1372-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-021425

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	558	562	578	rBV	140186	238250	23.83%	1.876%
2	5.681	606	610	616	rVB	7606	11068	1.11%	0.087%
3	6.028	664	669	674	rBV3	12181	20249	2.03%	0.159%
4	6.304	713	716	720	rBV2	10025	13690	1.37%	0.108%
5	6.422	732	736	748	rBV	141324	265885	26.59%	2.093%
6	6.516	748	752	756	rVB2	7015	11286	1.13%	0.089%
7	6.616	764	769	775	rBV2	32004	48043	4.80%	0.378%
8	6.740	781	790	791	rBV5	4591	10996	1.10%	0.087%
9	6.781	791	797	804	rVV	357609	482542	48.26%	3.799%
10	6.834	804	806	810	rVB2	10321	13102	1.31%	0.103%
11	6.922	818	821	825	rVB	12592	15134	1.51%	0.119%
12	7.051	832	843	847	rBV3	26465	58190	5.82%	0.458%
13	7.098	847	851	859	rVB3	20187	41760	4.18%	0.329%
14	7.169	859	863	867	rBV2	34207	46626	4.66%	0.367%
15	7.316	882	888	889	rBV	34437	46791	4.68%	0.368%
16	7.346	889	893	896	rVV	109965	164960	16.50%	1.299%
17	7.375	896	898	902	rVV	56413	64809	6.48%	0.510%
18	7.428	902	907	910	rVB4	25594	37400	3.74%	0.294%
19	7.463	910	913	916	rBV3	16264	21471	2.15%	0.169%
20	7.581	929	933	937	rVB2	52633	72059	7.21%	0.567%
21	7.704	943	954	958	rBV7	41131	144770	14.48%	1.140%
22	7.746	958	961	964	rVB3	24146	28684	2.87%	0.226%
23	7.798	964	970	974	rBV5	43872	107628	10.76%	0.847%
24	7.881	981	984	986	rBV3	12175	14686	1.47%	0.116%
25	7.934	990	993	996	rBV2	20090	21813	2.18%	0.172%
26	7.963	996	998	1002	rVB3	19788	20308	2.03%	0.160%
27	8.063	1002	1015	1021	rBV	498483	999915	100.00%	7.872%
28	8.151	1028	1030	1037	rVB5	34301	49220	4.92%	0.387%
29	8.234	1038	1044	1046	rBV4	33637	61862	6.19%	0.487%
30	8.263	1046	1049	1052	rVB2	50679	61144	6.11%	0.481%
31	8.310	1053	1057	1059	rBV4	21833	33491	3.35%	0.264%
32	8.351	1060	1064	1071	rBV6	58109	93292	9.33%	0.734%
33	8.410	1071	1074	1076	rBV2	25785	27204	2.72%	0.214%
34	8.445	1076	1080	1083	rBV3	43694	48863	4.89%	0.385%
35	8.481	1083	1086	1089	rBV	54028	70715	7.07%	0.557%
36	8.563	1097	1100	1104	rBV2	97788	135327	13.53%	1.065%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.651	1111	1115	1119	rBV	203832	264652	26.47%	2.084%
38	8.722	1124	1127	1130	rVV	31423	42510	4.25%	0.335%
39	8.810	1139	1142	1145	rBV2	20565	31150	3.12%	0.245%
40	8.881	1150	1154	1160	rVV3	113853	175813	17.58%	1.384%
41	9.010	1172	1176	1181	rVB3	65982	114295	11.43%	0.900%
42	9.081	1185	1188	1193	rVV4	88473	126101	12.61%	0.993%
43	9.134	1193	1197	1202	rVB	216771	269055	26.91%	2.118%
44	9.216	1206	1211	1215	rBV	295656	387362	38.74%	3.050%
45	9.287	1220	1223	1229	rVB	78510	107154	10.72%	0.844%
46	9.475	1247	1255	1256	rBV5	74581	154804	15.48%	1.219%
47	9.534	1261	1265	1268	rVV4	156997	262750	26.28%	2.069%
48	9.592	1272	1275	1279	rVB2	79472	99926	9.99%	0.787%
49	9.745	1297	1301	1305	rVB	319440	378195	37.82%	2.977%
50	9.816	1308	1313	1317	rVB	462953	617614	61.77%	4.862%
51	9.916	1328	1330	1335	rVB	40540	52780	5.28%	0.416%
52	9.981	1337	1341	1342	rBV	52099	69294	6.93%	0.546%
53	10.063	1352	1355	1359	rBV4	77618	109010	10.90%	0.858%
54	10.134	1364	1367	1373	rBV6	37548	78364	7.84%	0.617%
55	10.245	1381	1386	1390	rBV	347595	440668	44.07%	3.469%
56	10.463	1418	1423	1429	rVB	144618	224233	22.43%	1.765%
57	10.581	1441	1443	1445	rBV3	31726	37034	3.70%	0.292%
58	10.604	1445	1447	1452	rVB	64904	69978	7.00%	0.551%
59	10.716	1462	1466	1475	rVB	392462	615854	61.59%	4.848%
60	10.910	1496	1499	1501	rBV	36431	49667	4.97%	0.391%
61	11.163	1538	1542	1545	rBV	290734	379725	37.98%	2.989%
62	11.192	1545	1547	1554	rVB	137788	180916	18.09%	1.424%
63	11.298	1561	1565	1577	rBV2	388887	667210	66.73%	5.253%
64	11.475	1592	1595	1598	rVB	27806	30007	3.00%	0.236%
65	11.539	1604	1606	1610	rVB	28473	34895	3.49%	0.275%
66	11.592	1610	1615	1620	rBV	227449	281926	28.19%	2.220%
67	11.757	1639	1643	1648	rBV	25176	49694	4.97%	0.391%
68	11.998	1680	1684	1689	rVB	176366	211891	21.19%	1.668%
69	12.281	1729	1732	1735	rVB	20015	23132	2.31%	0.182%
70	12.386	1745	1750	1756	rVB	139135	194211	19.42%	1.529%
71	12.510	1767	1771	1784	rVB	144127	226296	22.63%	1.782%
72	12.745	1805	1811	1818	rBV2	120179	256999	25.70%	2.023%
73	12.880	1829	1834	1843	rVB	158053	233150	23.32%	1.836%
74	13.110	1869	1873	1881	rBV2	39473	57130	5.71%	0.450%
75	13.457	1928	1932	1936	rBV	22994	29937	2.99%	0.236%
76	13.580	1950	1953	1961	rBV	11448	17349	1.74%	0.137%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.692	1968	1972	1974	rBV	13755	19349	1.94%	0.152%
78	13.786	1985	1988	1996	rVB2	27679	46186	4.62%	0.364%
79	13.939	2007	2014	2026	rBV2	348278	630870	63.09%	4.967%
80	14.098	2038	2041	2047	rVB2	13452	17630	1.76%	0.139%
81	14.969	2184	2189	2196	rBV	66235	143264	14.33%	1.128%
82	15.257	2235	2238	2244	rVB	34688	50117	5.01%	0.395%
83	15.321	2244	2249	2253	rVV	43577	70313	7.03%	0.554%
84	15.380	2254	2259	2274	rVB	243252	430853	43.09%	3.392%
85	16.810	2498	2502	2509	rVB2	17588	37647	3.77%	0.296%

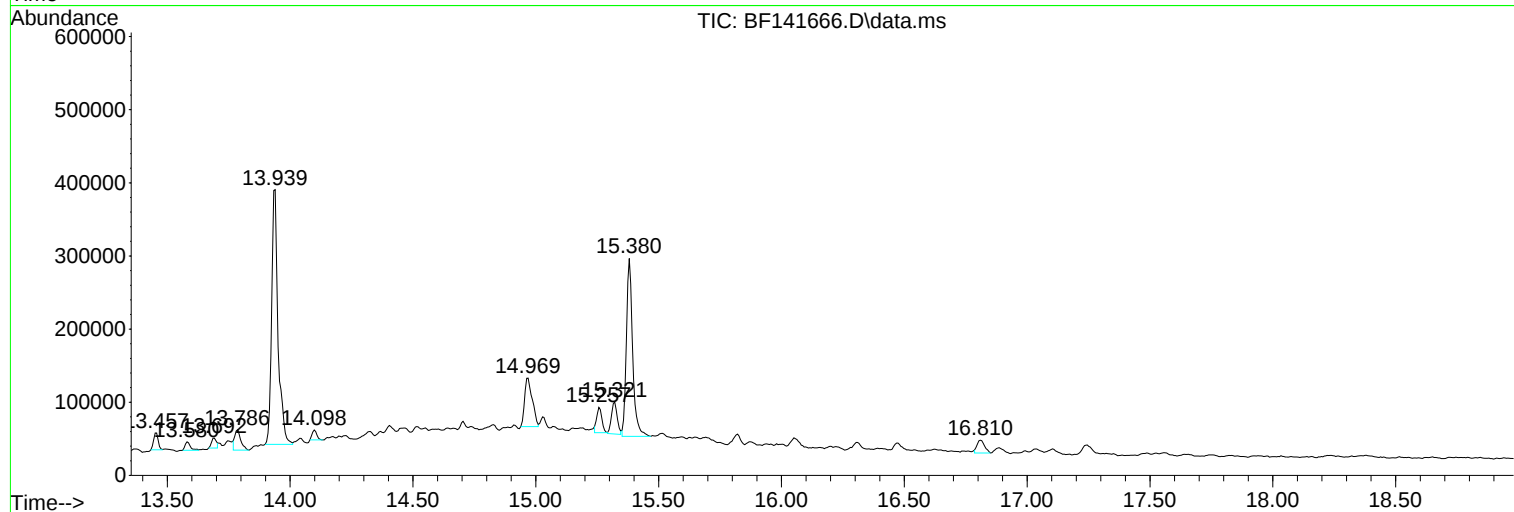
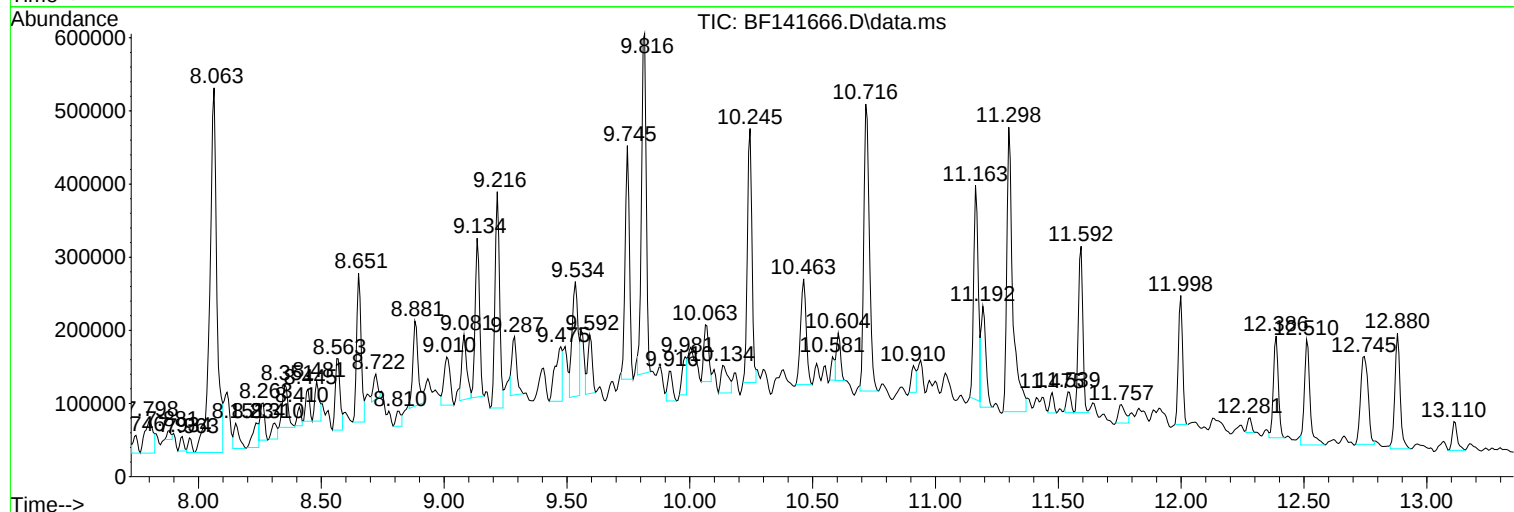
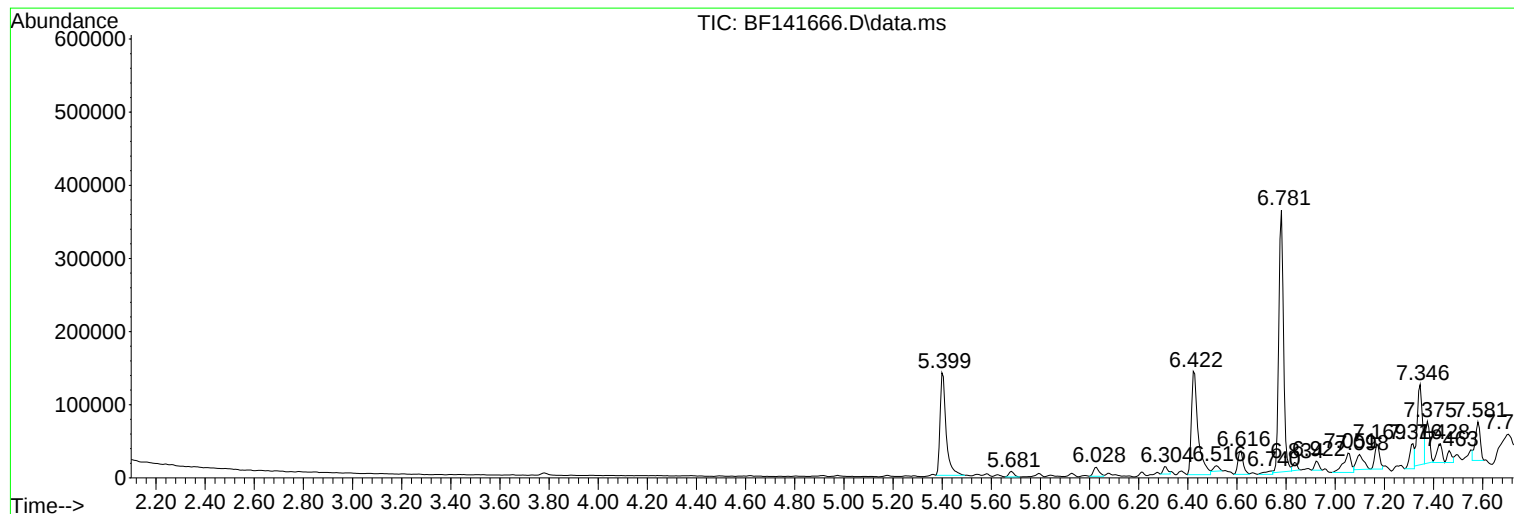
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
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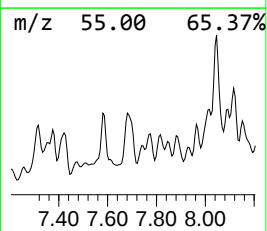
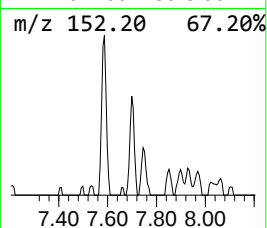
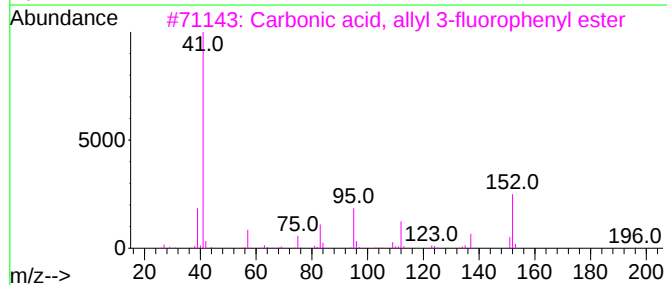
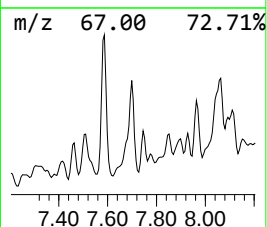
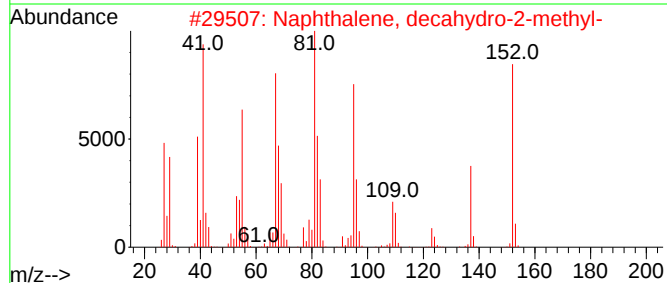
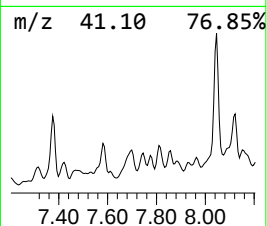
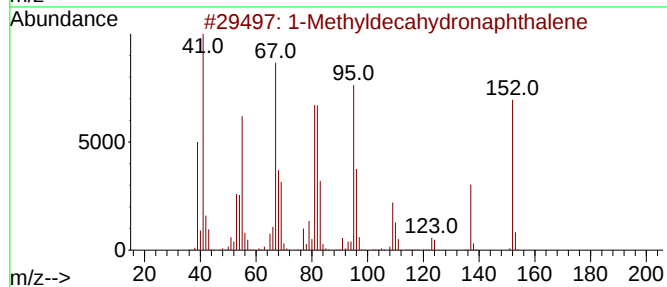
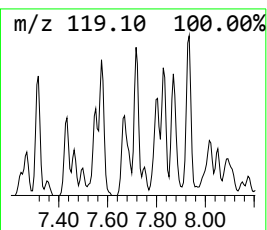
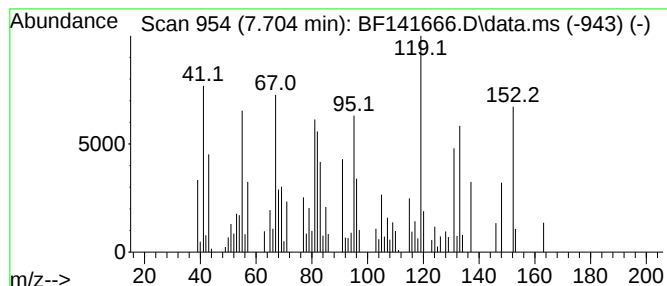
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Methyldecahydronaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.704	2.90 ng	144770	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	92
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
3			Carbonic acid, allyl 3-fluorophe...	196	C10H9FO3	1010357-37-8	27
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	25
5			3,5-Dimethylthiophenol, S-methyl-	152	C9H12S	1000353-09-1	25



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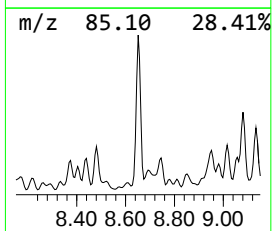
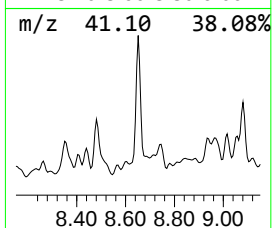
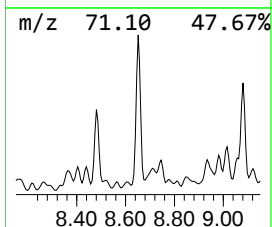
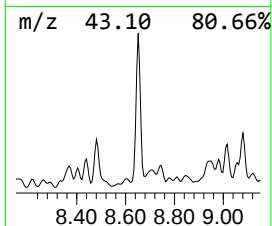
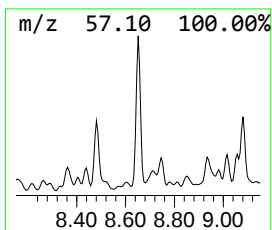
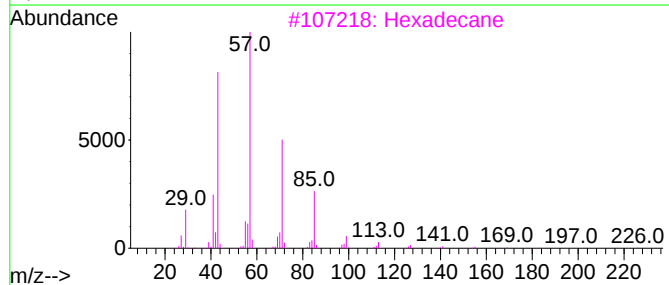
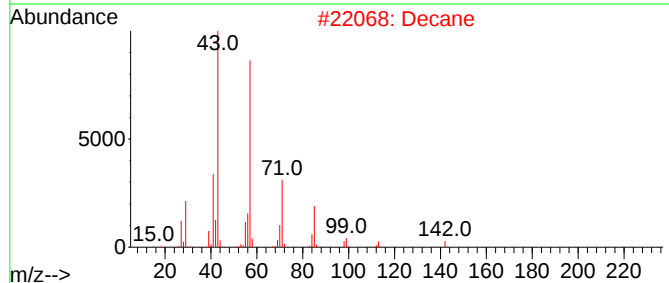
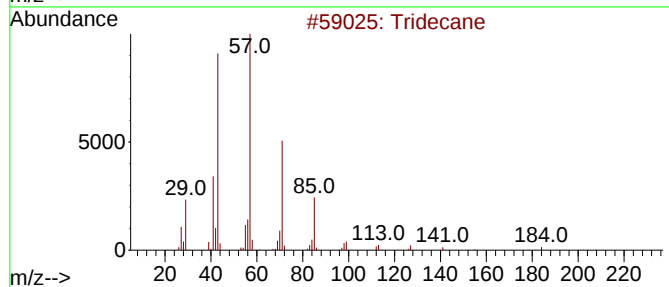
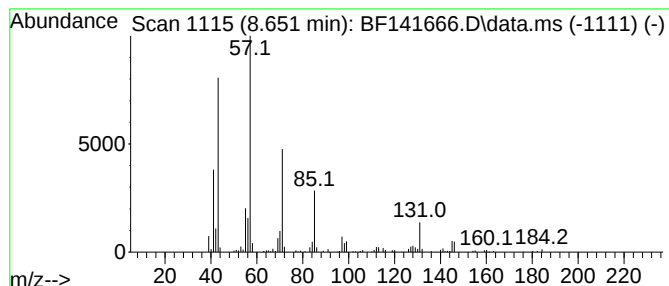
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	5.29 ng	264652	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Decane	142	C10H22	000124-18-5	68
3		Hexadecane	226	C16H34	000544-76-3	64
4		Dodecane	170	C12H26	000112-40-3	59
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



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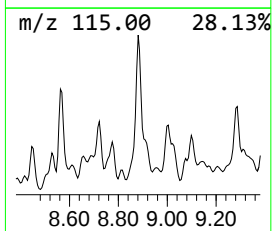
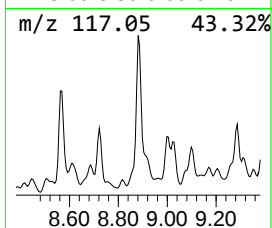
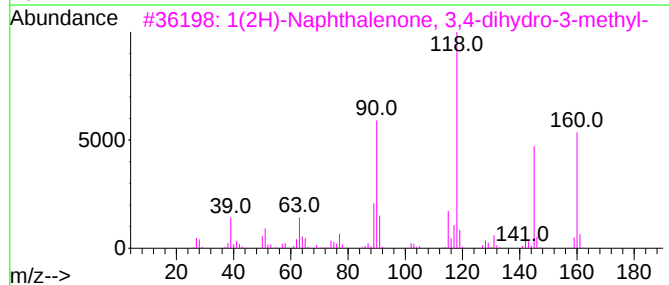
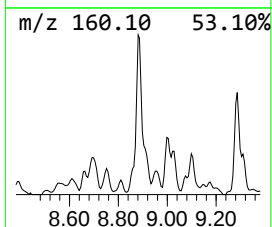
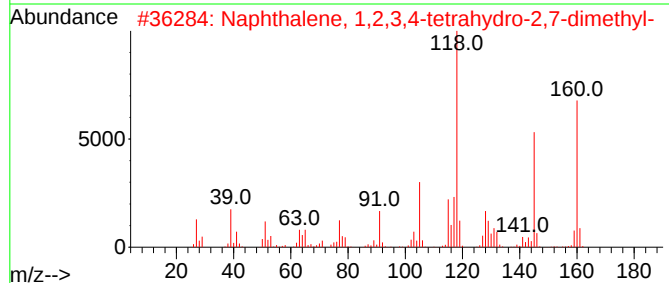
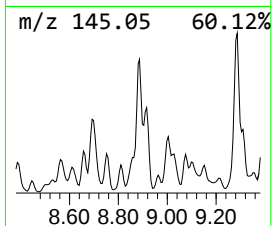
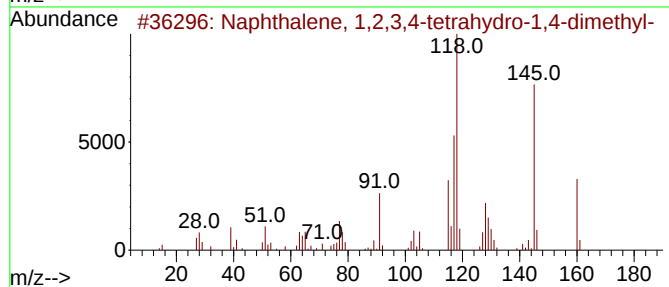
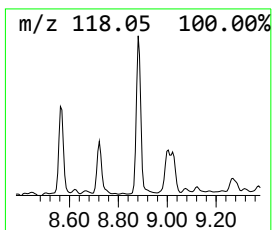
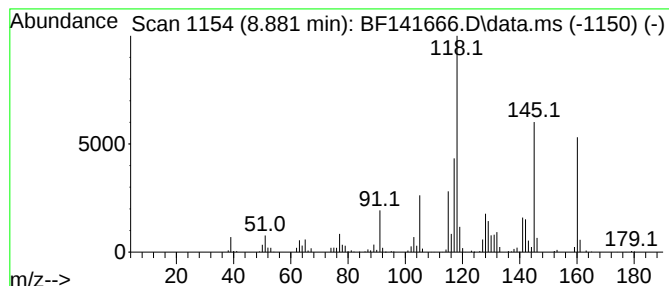
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.881	3.52 ng	175813	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	76
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
5			2,4-Dimethylphenylacetone nitrile	145	C10H11N	068429-53-8	52



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AU-05-021425

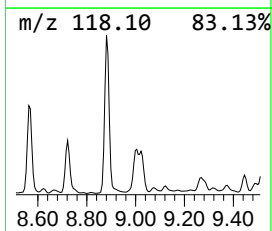
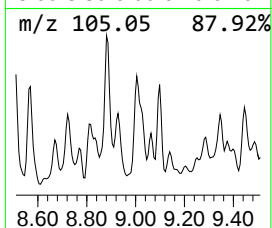
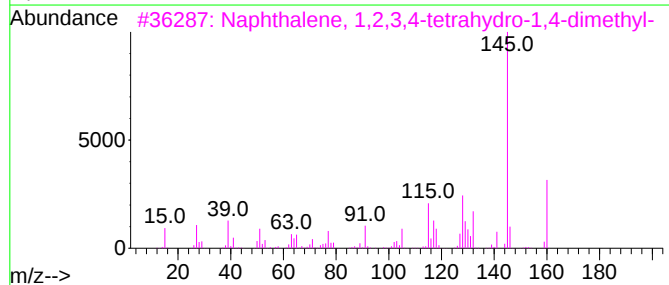
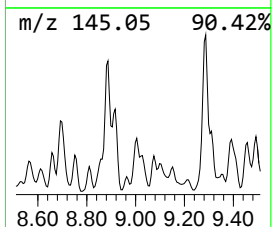
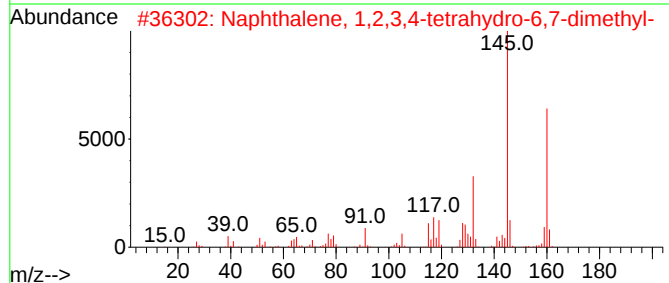
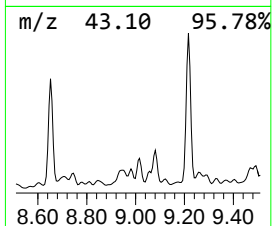
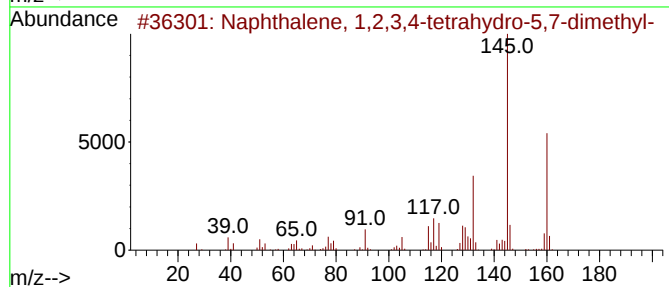
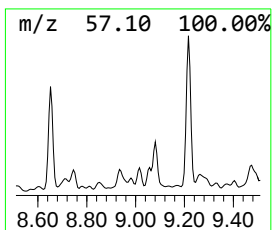
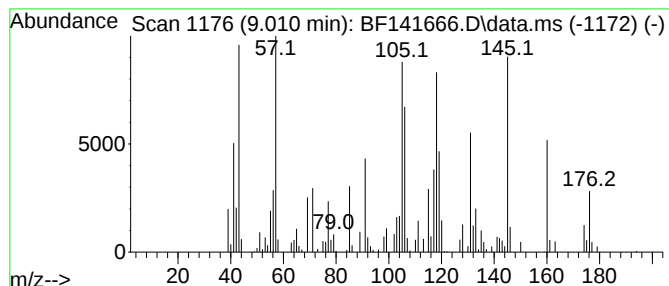
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.010 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	3.70 ng	114295	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	41
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	38
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
5			3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-021425

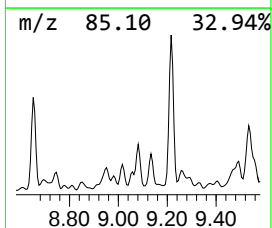
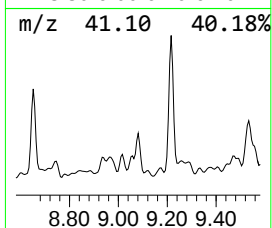
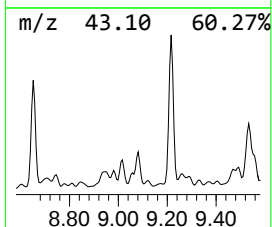
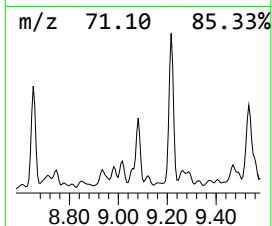
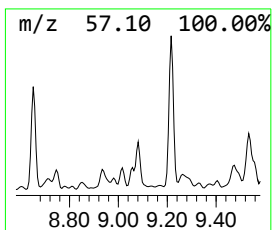
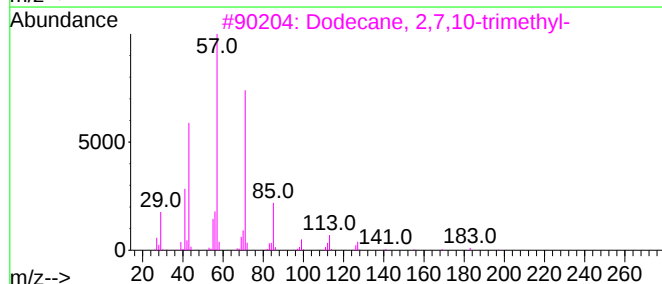
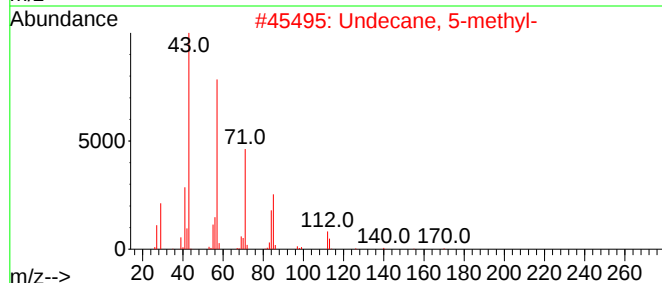
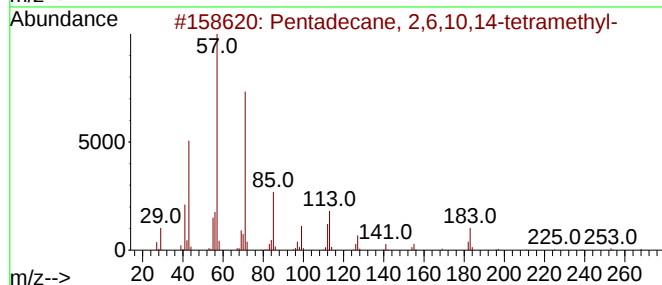
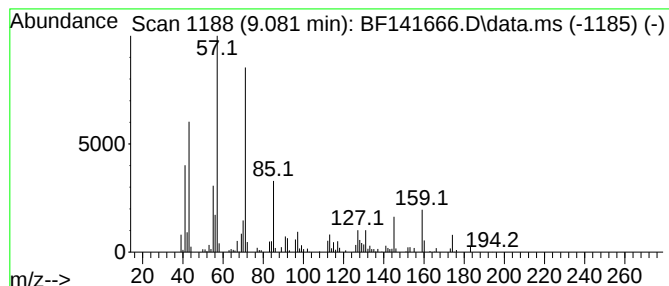
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	4.08 ng	126101	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	50
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
4			Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	47
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-05-021425

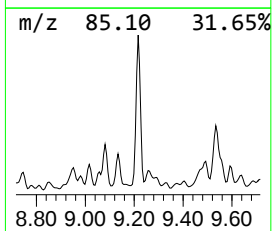
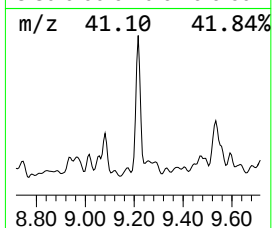
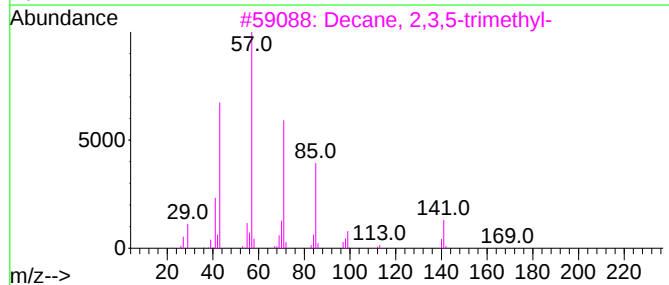
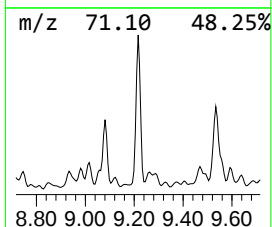
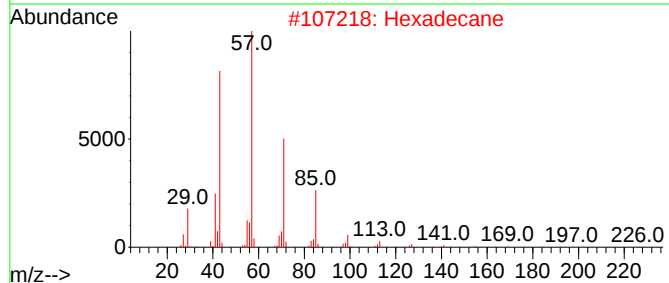
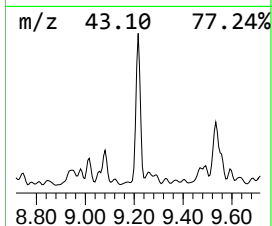
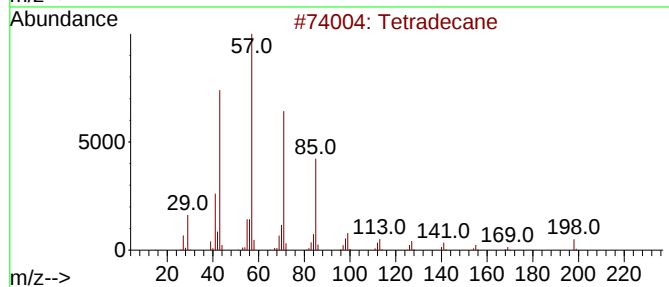
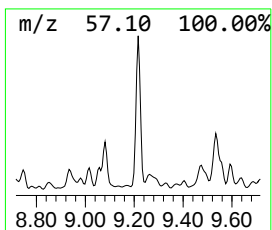
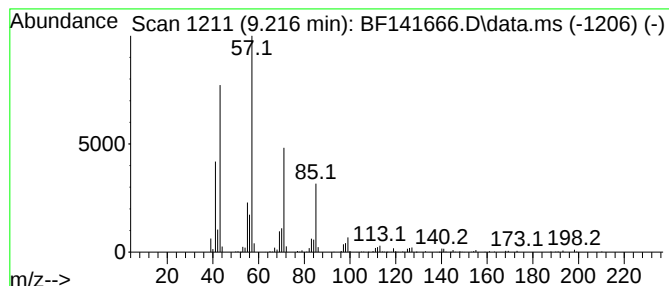
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	12.54 ng	387362	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4			Nonadecane	268	C19H40	000629-92-5	86
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
AU-05-021425

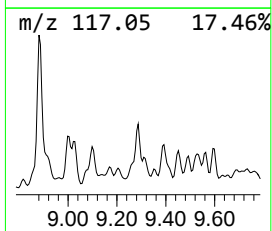
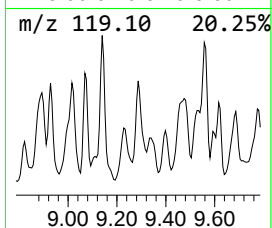
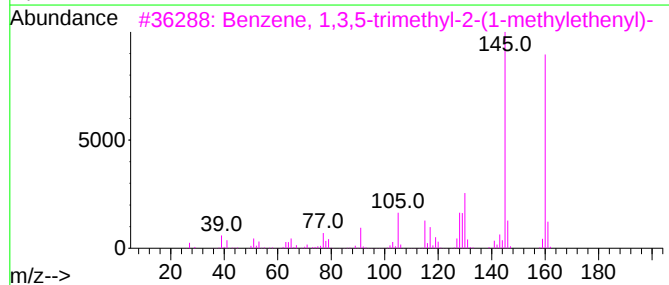
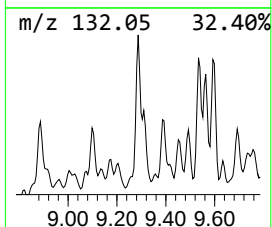
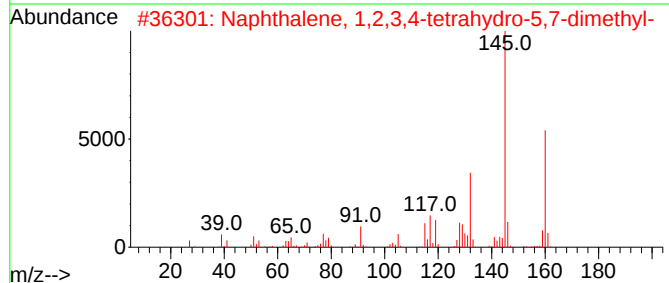
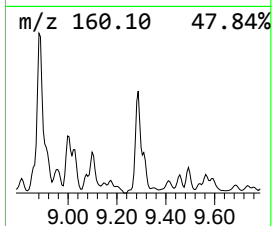
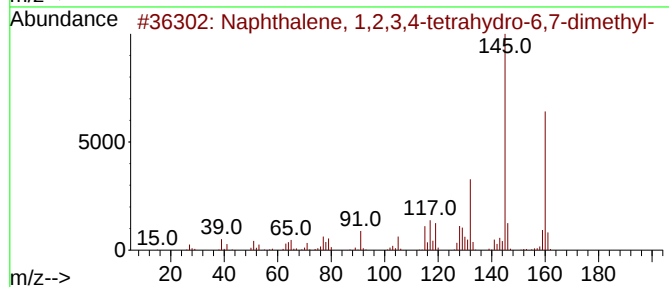
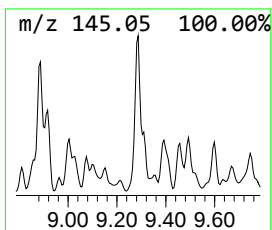
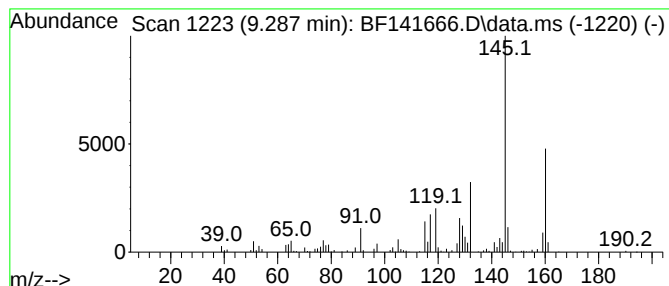
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	3.47 ng	107154	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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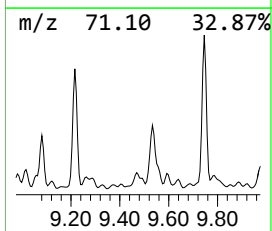
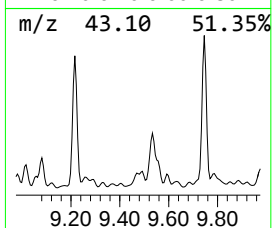
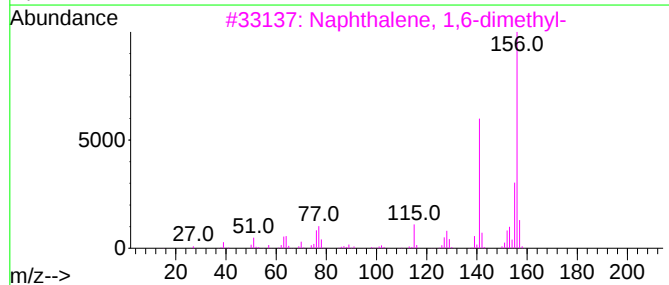
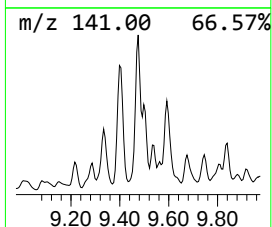
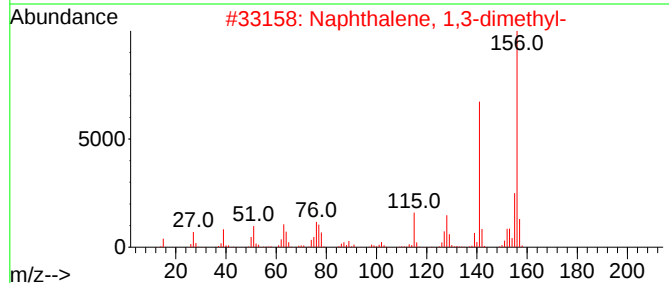
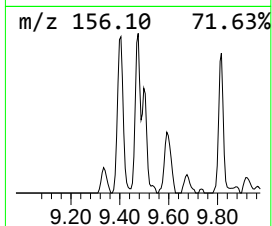
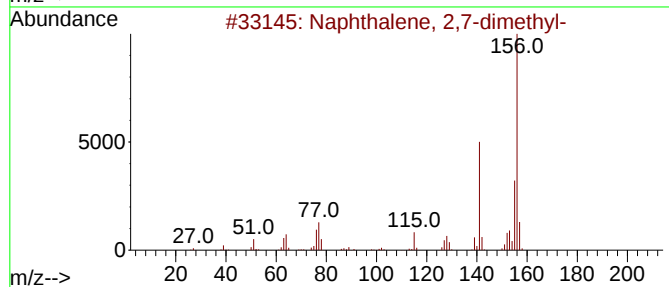
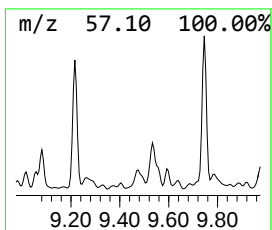
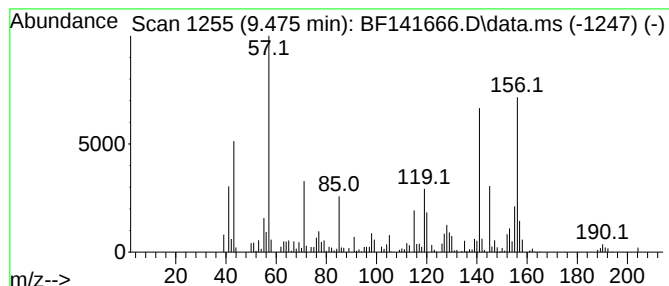
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	5.01 ng	154804	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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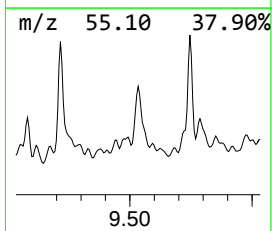
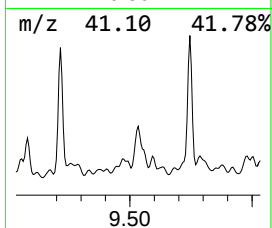
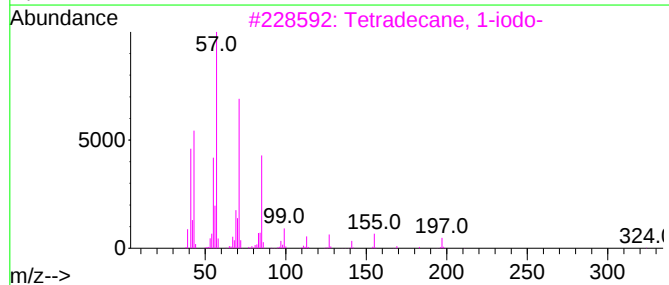
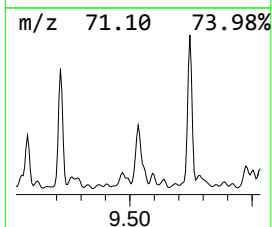
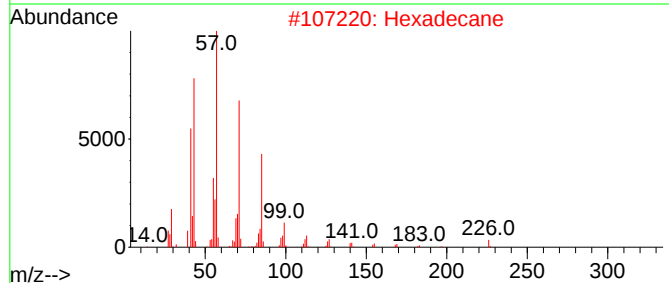
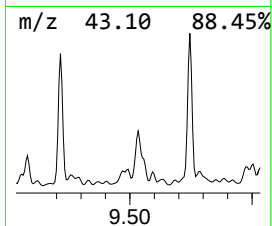
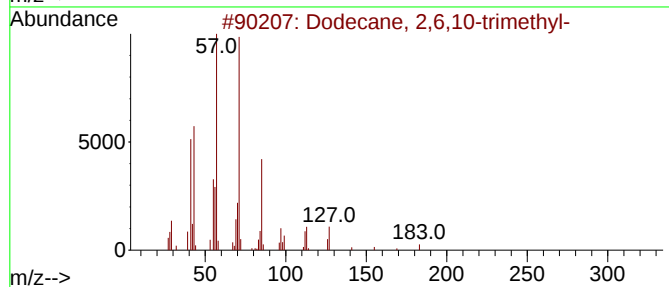
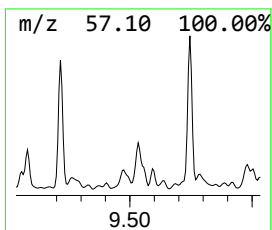
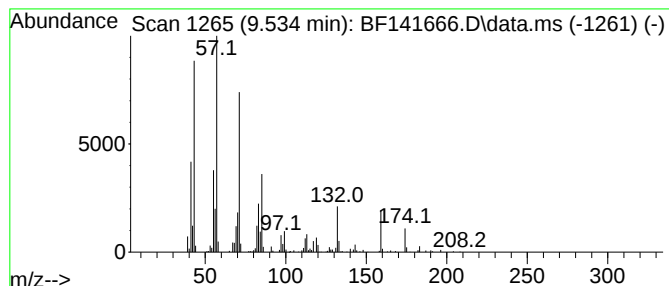
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	8.51 ng	262750	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62
2			Hexadecane	226	C16H34	000544-76-3	58
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5			Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
AU-05-021425

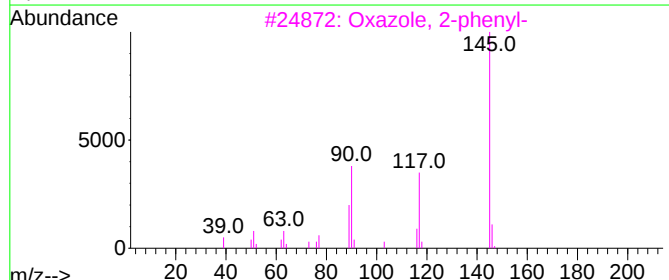
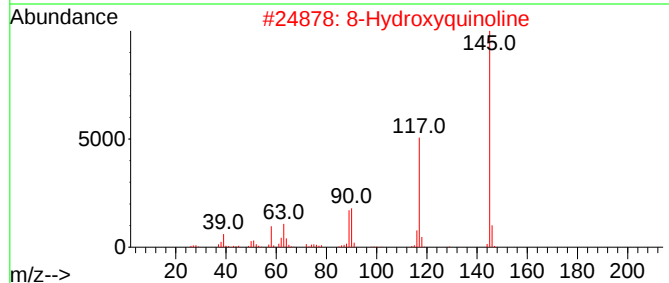
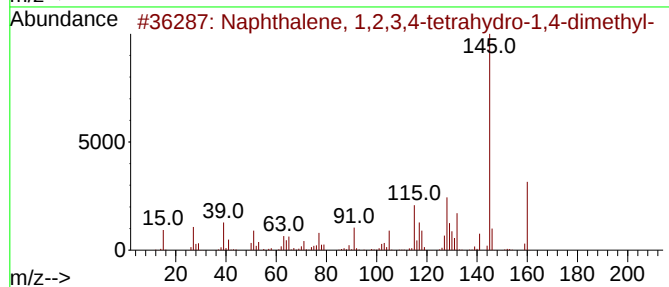
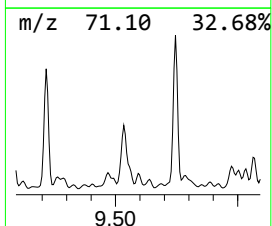
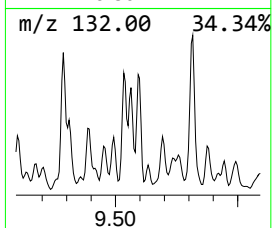
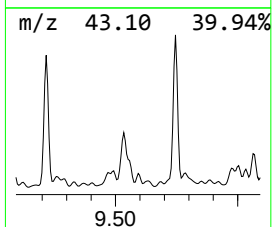
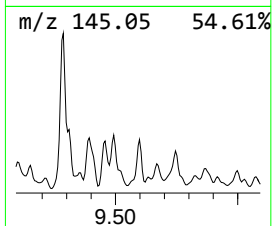
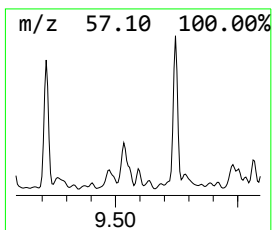
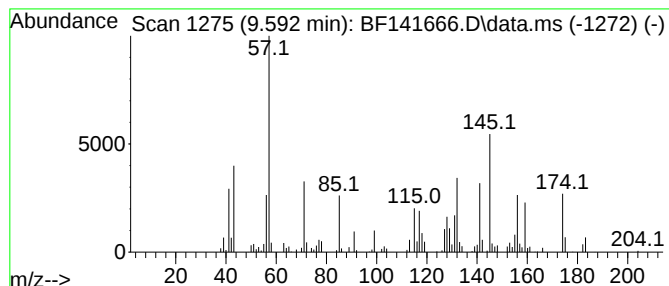
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown9.592 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	3.24 ng	99926	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	16
2			8-Hydroxyquinoline	145	C9H7NO	000148-24-3	14
3			Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	14
4			3-Hydroxy-2-methylglutaric acid ...	190	C8H14O5	085547-41-7	14
5			Quinoline, 2-(2-methylpropoxy)-	201	C13H15NO	056273-37-1	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-021425

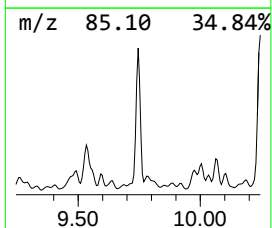
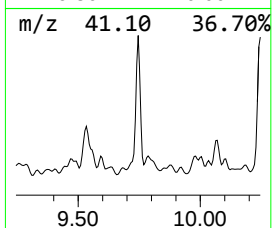
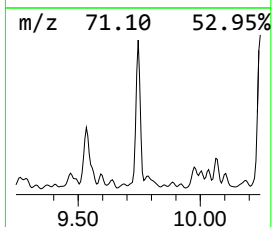
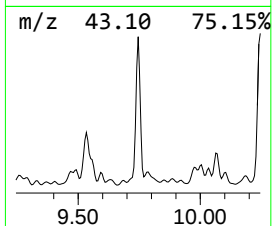
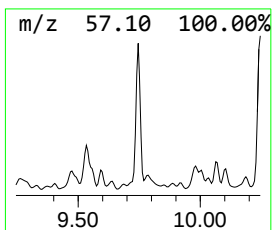
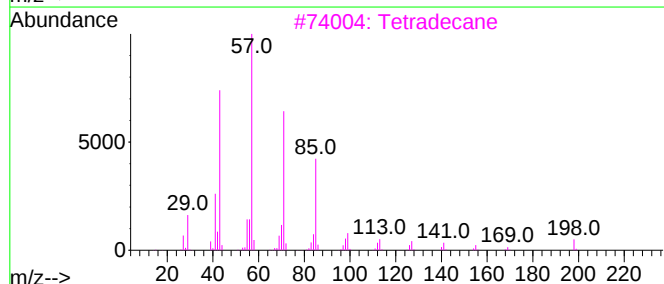
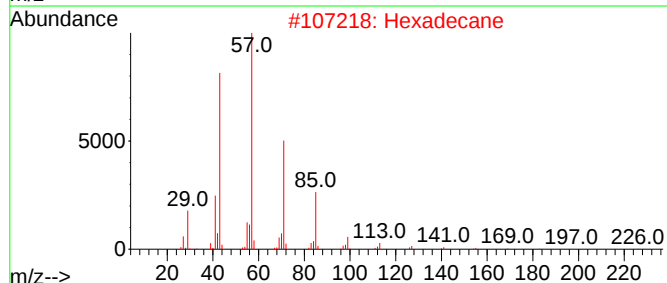
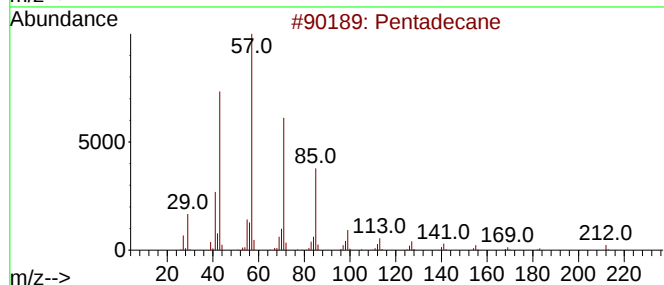
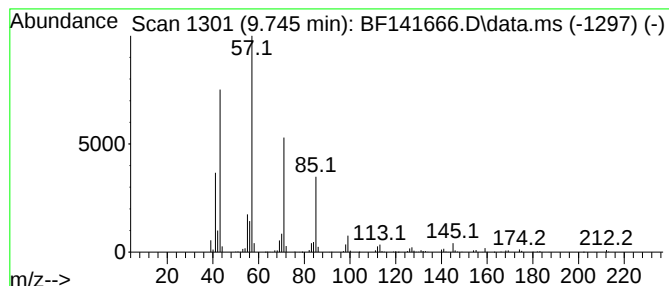
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	12.25 ng	378195	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	83
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
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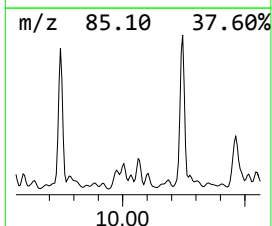
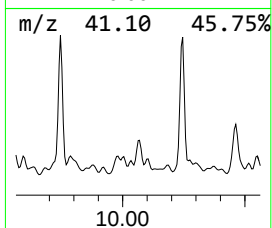
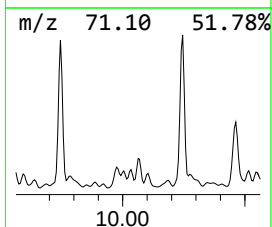
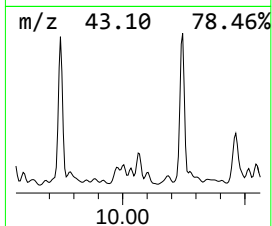
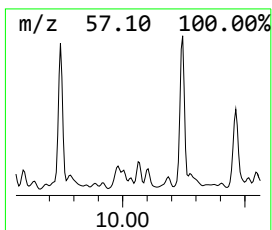
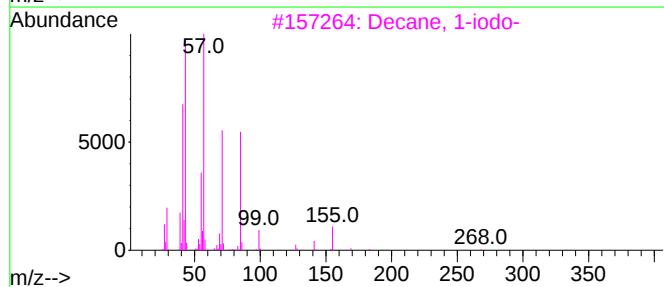
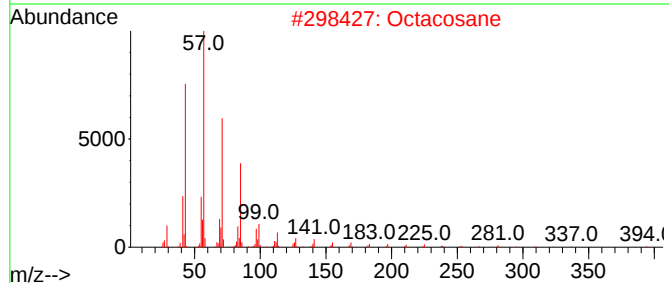
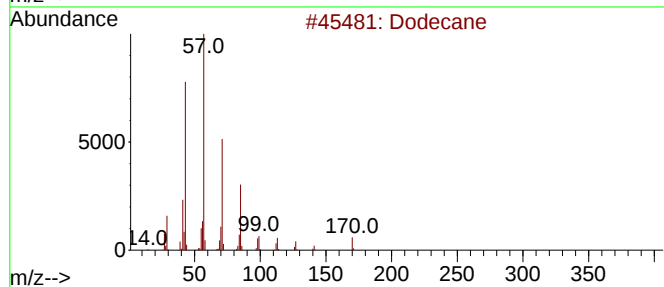
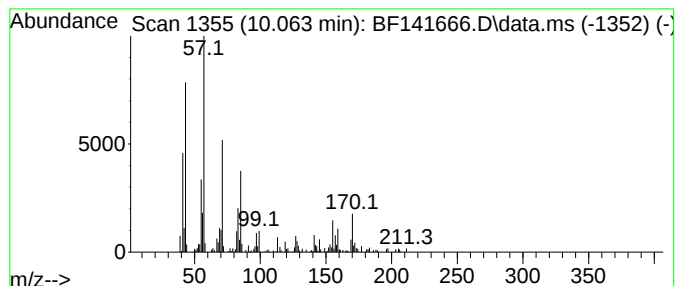
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.063	3.53 ng	109010	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	58
2	Octacosane		394	C28H58	000630-02-4	58
3	Decane, 1-iodo-		268	C10H21I	002050-77-3	58
4	Tetratetracontane		619	C44H90	007098-22-8	58
5	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

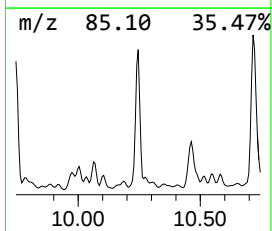
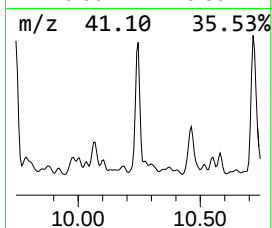
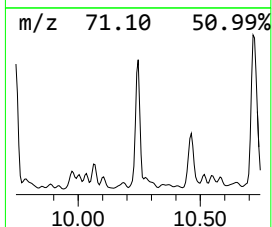
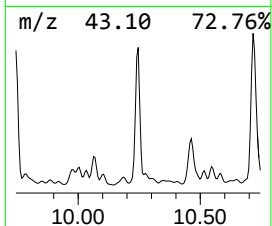
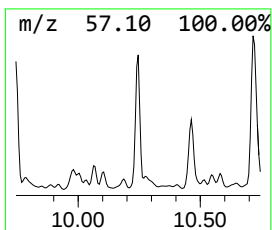
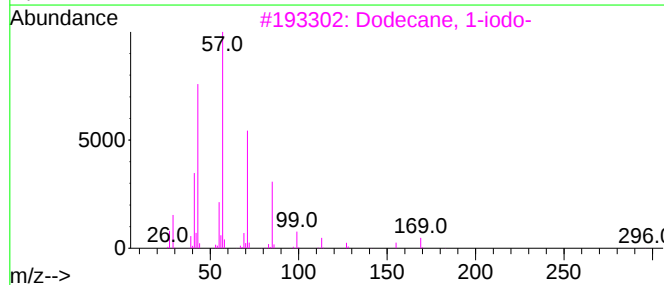
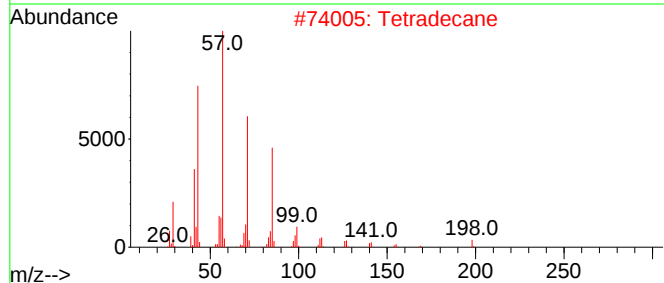
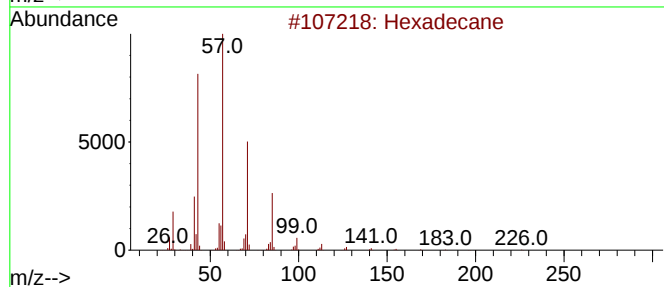
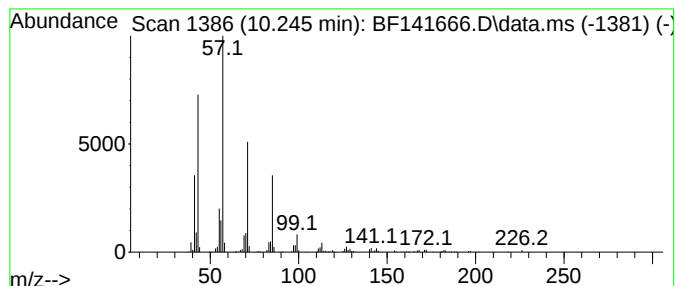
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.245	14.27 ng	440668	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	96
2	Tetradecane		198	C14H30	000629-59-4	90
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
4	Heptadecane		240	C17H36	000629-78-7	80
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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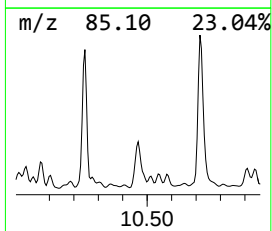
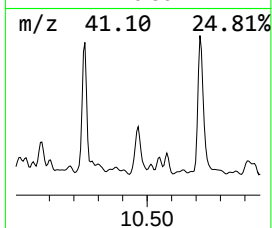
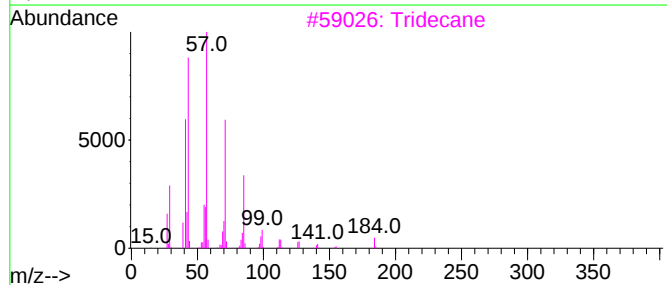
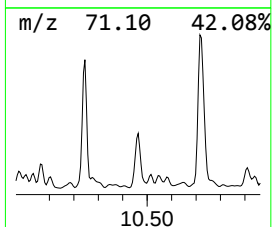
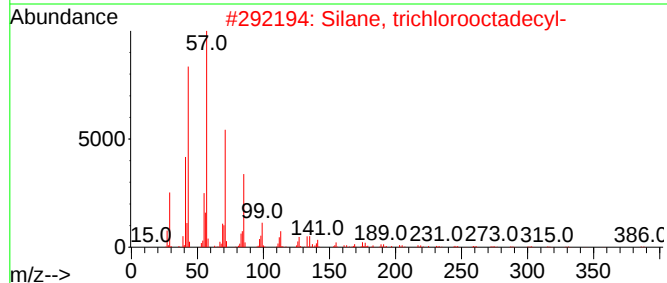
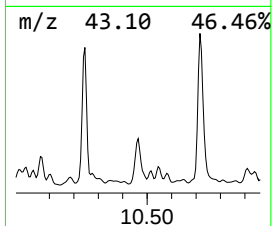
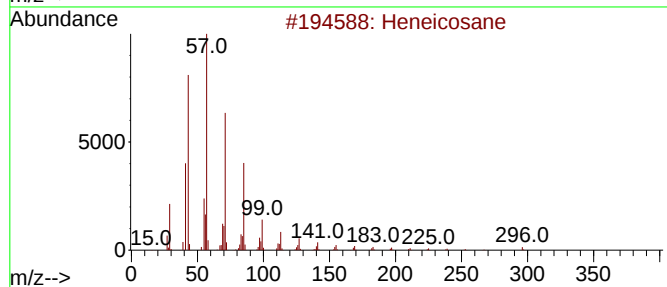
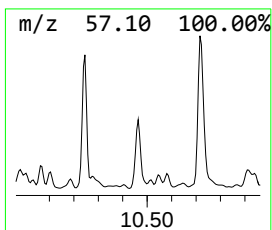
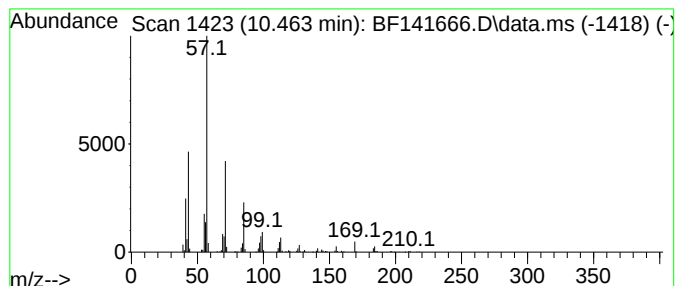
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	7.26 ng	224233	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	72
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3			Tridecane	184	C13H28	000629-50-5	68
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
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Misc :
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Instrument :
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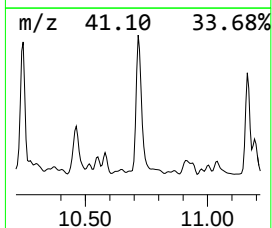
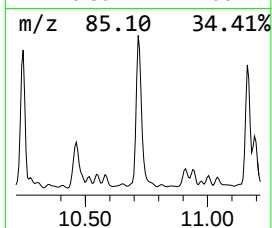
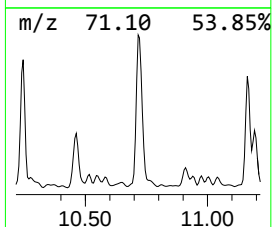
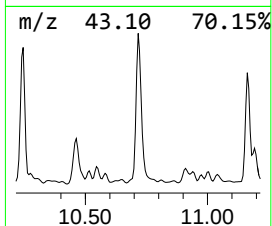
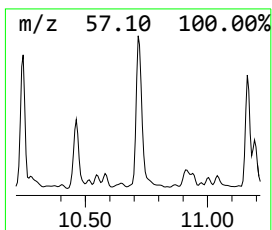
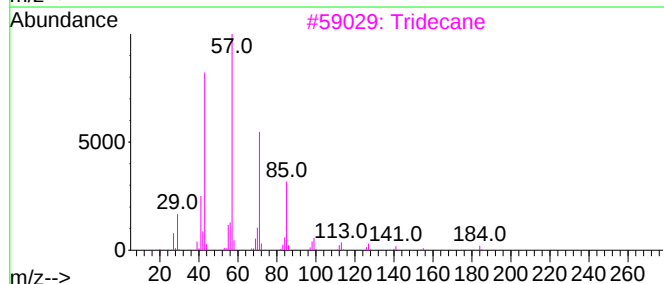
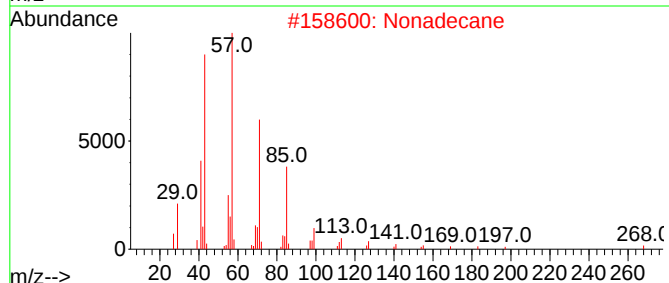
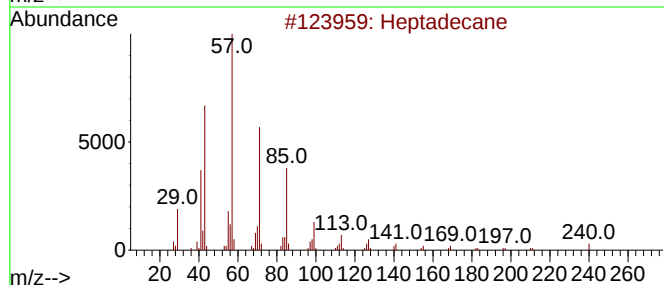
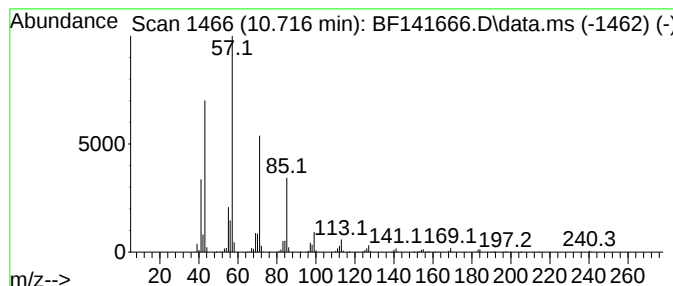
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	18.46 ng	615854	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tridecane	184	C13H28	000629-50-5	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
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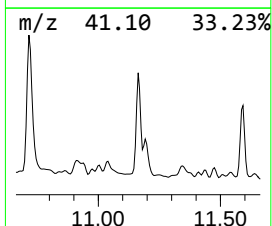
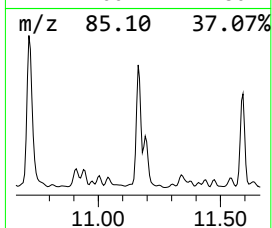
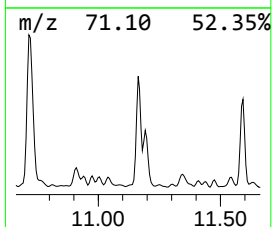
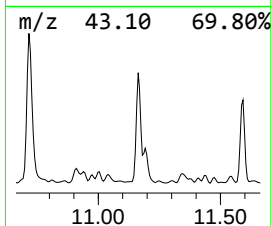
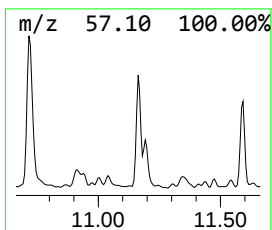
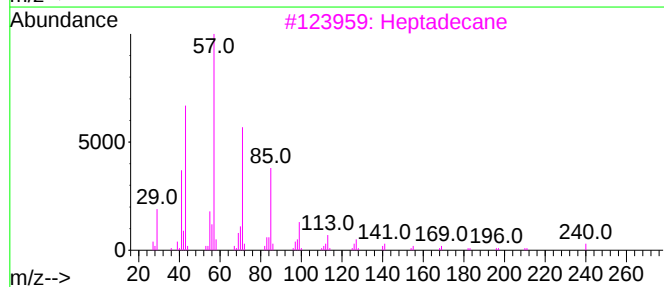
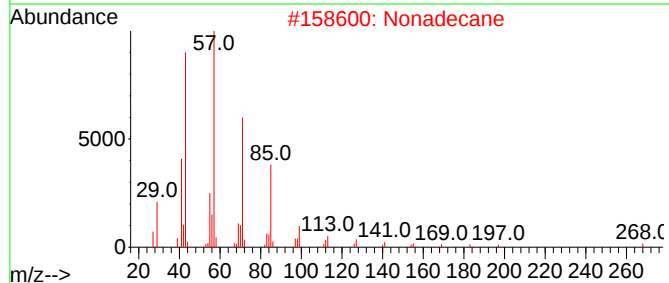
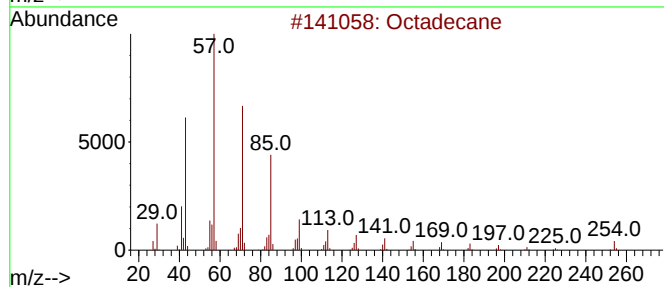
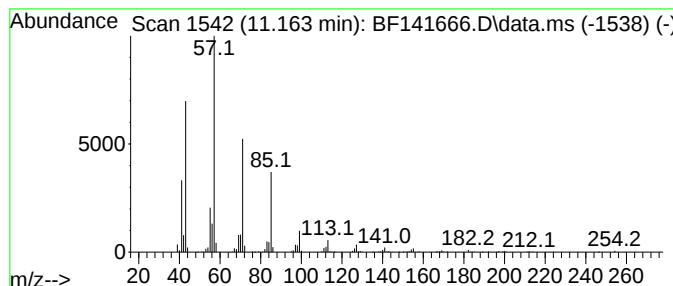
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	11.38 ng	379725	Phenanthrene-d10	11.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
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Sample : Q1372-01 5X
Misc :
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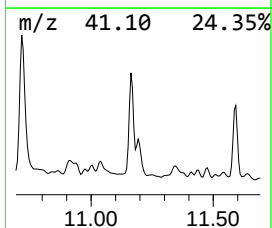
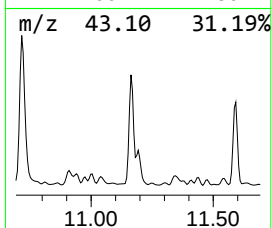
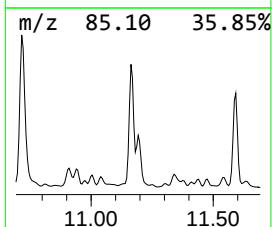
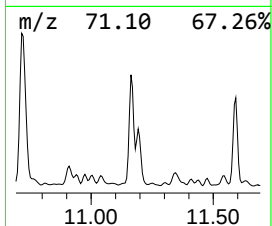
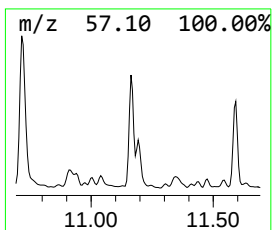
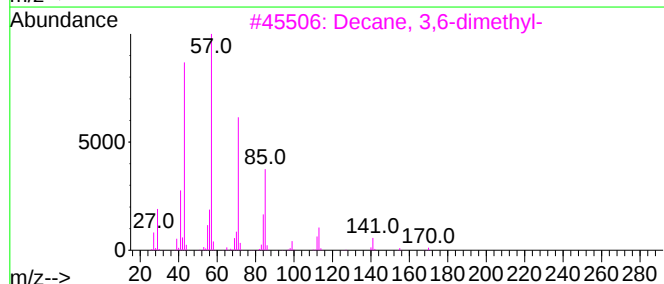
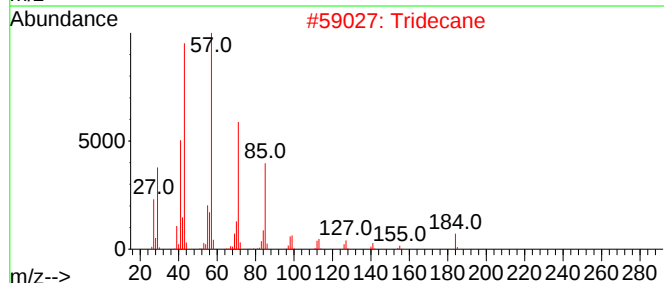
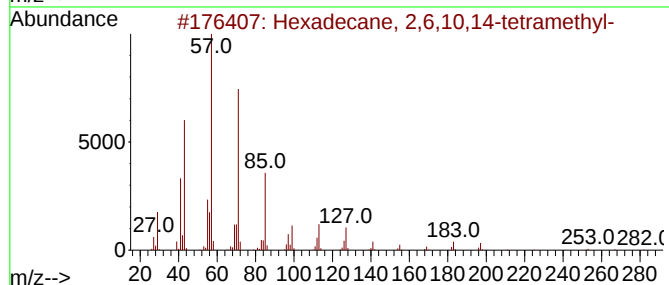
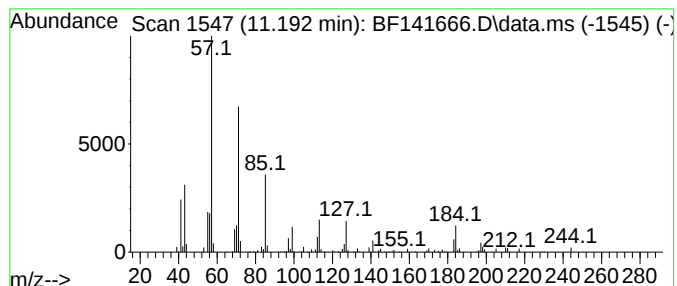
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ClientSampleId :
AU-05-021425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.192	5.42 ng	180916	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
2	Tridecane		184	C13H28	000629-50-5	80
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	76
4	5,5-Dibutylnonane		240	C17H36	006008-17-9	72
5	Pentacosane		352	C25H52	000629-99-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
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Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

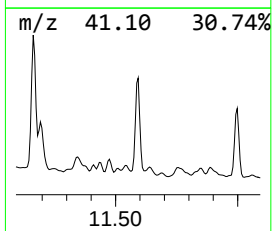
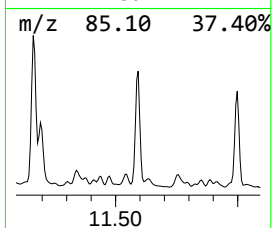
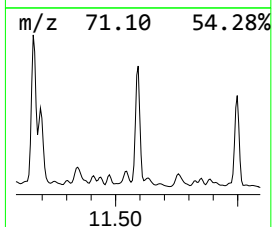
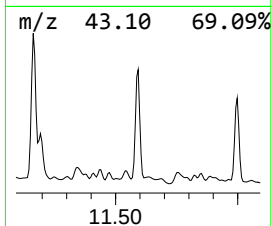
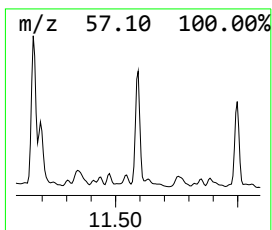
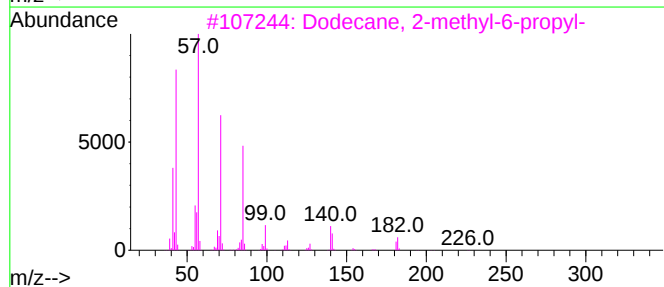
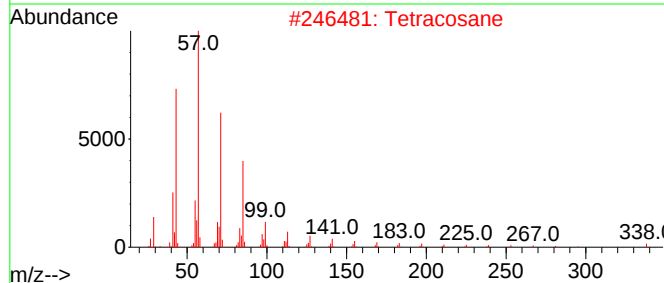
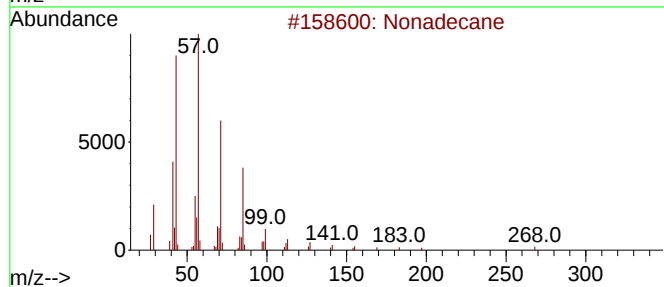
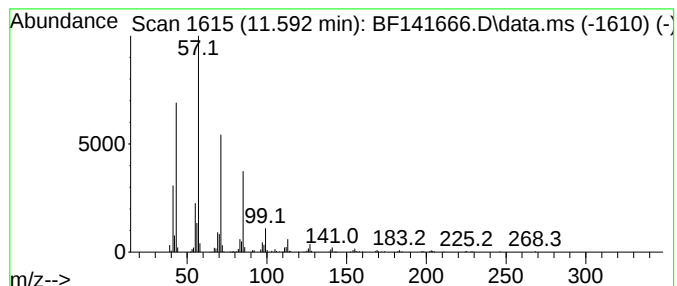
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.592	8.45 ng	281926	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Tetracosane		338	C24H50	000646-31-1	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Heptacosane		380	C27H56	000593-49-7	87
5	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

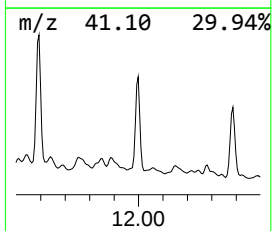
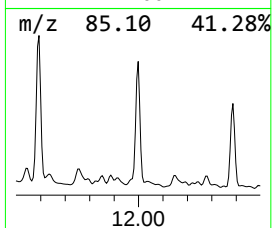
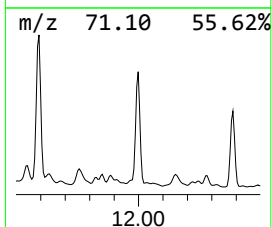
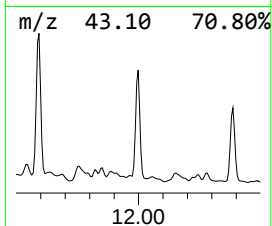
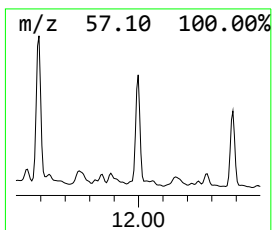
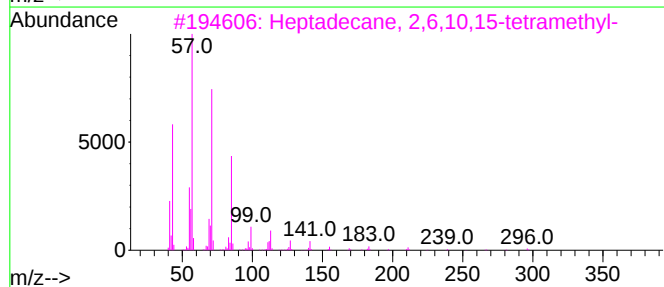
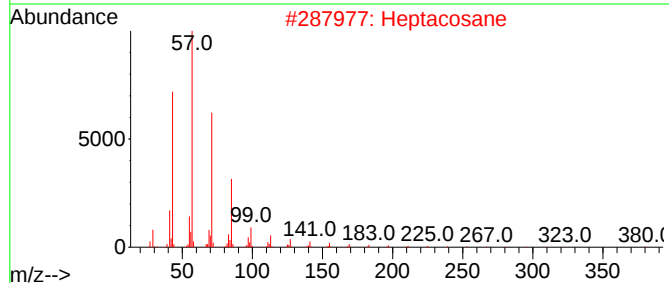
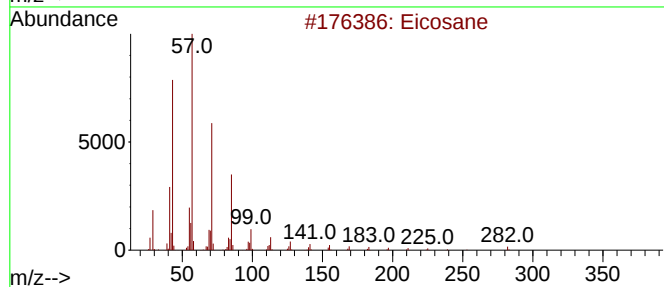
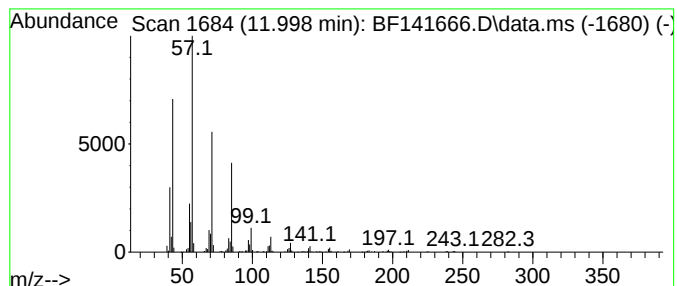
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.998	6.35 ng	211891	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
4	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141666.D
Acq On : 18 Feb 2025 17:30
Operator : RC/JU
Sample : Q1372-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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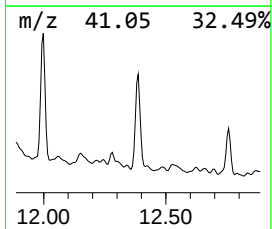
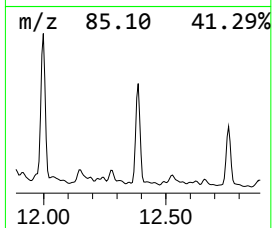
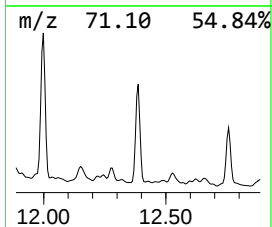
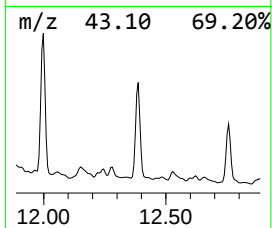
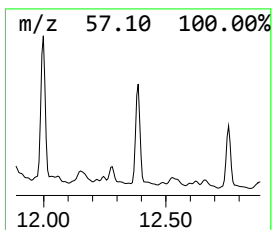
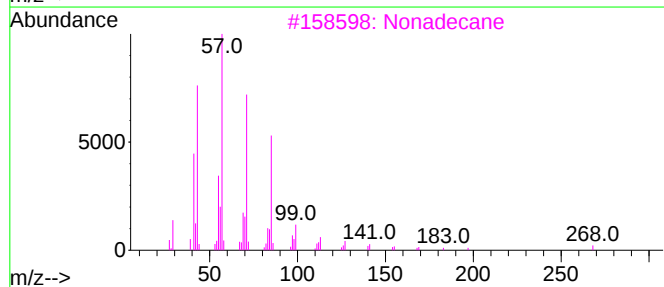
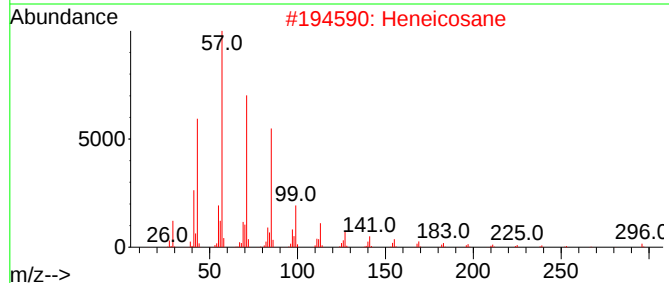
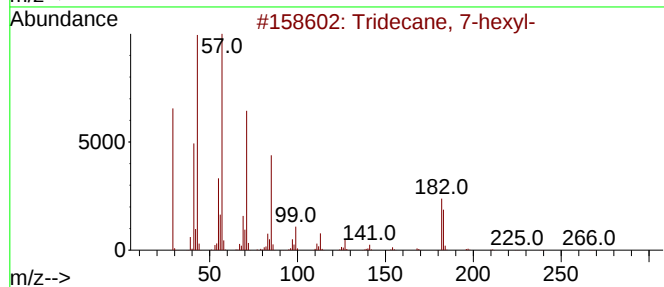
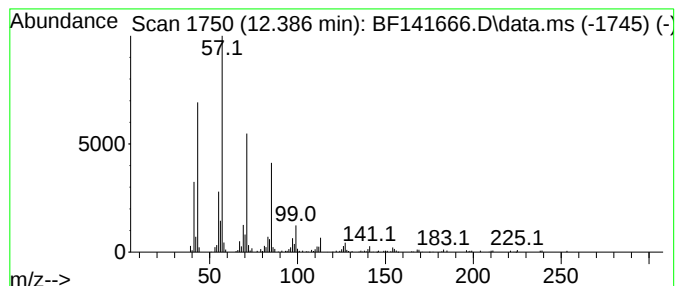
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	5.82 ng	194211	Phenanthrene-d10	11.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141666.D
 Acq On : 18 Feb 2025 17:30
 Operator : RC/JU
 Sample : Q1372-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Methyldecahyd...	7.704	2.9	ng	144770	2	8.063	999915	20.0
Tridecane	8.651	5.3	ng	264652	2	8.063	999915	20.0
Naphthalene, 1,...	8.881	3.5	ng	175813	2	8.063	999915	20.0
unknown9.010	9.010	3.7	ng	114295	3	9.816	617614	20.0
Pentadecane, 2,...	9.081	4.1	ng	126101	3	9.816	617614	20.0
Tetradecane	9.216	12.5	ng	387362	3	9.816	617614	20.0
Naphthalene, 1,...	9.287	3.5	ng	107154	3	9.816	617614	20.0
Naphthalene, 2,...	9.475	5.0	ng	154804	3	9.816	617614	20.0
Dodecane, 2,6,1...	9.534	8.5	ng	262750	3	9.816	617614	20.0
unknown9.592	9.592	3.2	ng	99926	3	9.816	617614	20.0
Pentadecane	9.745	12.3	ng	378195	3	9.816	617614	20.0
Dodecane	10.063	3.5	ng	109010	3	9.816	617614	20.0
Hexadecane	10.245	14.3	ng	440668	3	9.816	617614	20.0
Heneicosane	10.463	7.3	ng	224233	3	9.816	617614	20.0
Heptadecane	10.716	18.5	ng	615854	4	11.298	667210	20.0
Octadecane	11.163	11.4	ng	379725	4	11.298	667210	20.0
Hexadecane, 2,6...	11.192	5.4	ng	180916	4	11.298	667210	20.0
Nonadecane	11.592	8.4	ng	281926	4	11.298	667210	20.0
Eicosane	11.998	6.3	ng	211891	4	11.298	667210	20.0
Tridecane, 7-he...	12.386	5.8	ng	194211	4	11.298	667210	20.0