

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143297.D
 Acq On : 04 Aug 2025 15:38
 Operator : RC/JU
 Sample : Q2741-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-07312025

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143297.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	8	16	27	rVB	826729	1335946	63.28%	3.621%
2	5.187	501	509	520	rVB	166241	239039	11.32%	0.648%
3	5.587	570	577	590	rBV	1444929	1992366	94.38%	5.400%
4	6.257	679	691	697	rBV2	60815	103026	4.88%	0.279%
5	6.422	712	719	725	rBV5	26424	50698	2.40%	0.137%
6	6.498	727	732	734	rBV2	28076	40710	1.93%	0.110%
7	6.581	740	746	751	rBV	1434152	1890724	89.57%	5.125%
8	6.710	764	768	772	rBV4	16357	22808	1.08%	0.062%
9	6.793	778	782	791	rVB2	52357	96597	4.58%	0.262%
10	6.922	795	804	806	rBV3	17378	36394	1.72%	0.099%
11	6.963	806	811	818	rVV	544193	723837	34.29%	1.962%
12	7.022	818	821	826	rVB2	29377	39987	1.89%	0.108%
13	7.110	833	836	839	rBV2	28387	33437	1.58%	0.091%
14	7.145	839	842	847	rVB2	17833	22058	1.04%	0.060%
15	7.234	847	857	861	rBV2	77946	147594	6.99%	0.400%
16	7.281	861	865	872	rVB2	84717	123255	5.84%	0.334%
17	7.357	873	878	882	rBV3	74334	110394	5.23%	0.299%
18	7.445	887	893	897	rVB	35631	68598	3.25%	0.186%
19	7.516	897	905	909	rBV	973454	1445862	68.49%	3.919%
20	7.557	909	912	916	rVB	61135	77618	3.68%	0.210%
21	7.610	916	921	924	rVB3	97395	143938	6.82%	0.390%
22	7.645	924	927	929	rBV2	36482	47591	2.25%	0.129%
23	7.728	938	941	943	rBV3	34682	40330	1.91%	0.109%
24	7.769	943	948	956	rVB3	125661	240900	11.41%	0.653%
25	7.857	956	963	965	rBV4	90534	176743	8.37%	0.479%
26	7.887	965	968	972	rVV2	77867	90890	4.31%	0.246%
27	7.981	977	984	987	rBV4	107023	228474	10.82%	0.619%
28	8.057	991	997	999	rBV4	59408	100926	4.78%	0.274%
29	8.081	999	1001	1004	rVB	81237	77284	3.66%	0.209%
30	8.110	1004	1006	1009	rVB	43782	43346	2.05%	0.117%
31	8.145	1009	1012	1016	rBV2	48099	58859	2.79%	0.160%
32	8.240	1016	1028	1034	rBV	737583	1487473	70.46%	4.032%
33	8.334	1041	1044	1050	rVB6	56753	79282	3.76%	0.215%
34	8.440	1052	1062	1066	rBV5	161636	336408	15.94%	0.912%
35	8.487	1066	1070	1073	rBV3	78039	105113	4.98%	0.285%
36	8.534	1073	1078	1082	rVB5	129962	184867	8.76%	0.501%

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37	8.592	1085	1088	1090	rVB4	53057	52648	2.49%	0.143%
38	8.628	1090	1094	1097	rBV3	116496	145802	6.91%	0.395%
39	8.663	1097	1100	1102	rBV	80682	102494	4.86%	0.278%
40	8.745	1110	1114	1119	rBV2	317414	408443	19.35%	1.107%
41	8.834	1125	1129	1133	rBV2	309433	396969	18.80%	1.076%
42	8.898	1137	1140	1144	rVV	101517	132182	6.26%	0.358%
43	8.992	1153	1156	1158	rBV2	70003	82616	3.91%	0.224%
44	9.063	1164	1168	1172	rBV2	291182	383657	18.17%	1.040%
45	9.192	1186	1190	1195	rVB3	140674	265168	12.56%	0.719%
46	9.263	1199	1202	1206	rVV4	164565	257858	12.21%	0.699%
47	9.316	1206	1211	1216	rVB	1526522	1973020	93.46%	5.348%
48	9.398	1220	1225	1229	rBV	582366	784040	37.14%	2.125%
49	9.469	1234	1237	1240	rVB	139943	158479	7.51%	0.430%
50	9.575	1252	1255	1261	rVB4	152531	266127	12.61%	0.721%
51	9.651	1261	1268	1270	rBV4	223985	432884	20.51%	1.173%
52	9.716	1275	1279	1282	rVV4	392399	629396	29.81%	1.706%
53	9.775	1286	1289	1293	rVB2	212970	261475	12.39%	0.709%
54	9.928	1310	1315	1319	rVB	693429	886368	41.99%	2.403%
55	9.998	1320	1327	1331	rVV	575916	851470	40.33%	2.308%
56	10.098	1342	1344	1349	rVB	104014	136160	6.45%	0.369%
57	10.163	1350	1355	1356	rBV2	126507	191032	9.05%	0.518%
58	10.245	1366	1369	1373	rVB4	154312	210999	10.00%	0.572%
59	10.316	1378	1381	1383	rBV3	96850	125120	5.93%	0.339%
60	10.428	1395	1400	1403	rBV	812762	1027739	48.68%	2.786%
61	10.645	1432	1437	1443	rBV	358086	565400	26.78%	1.533%
62	10.698	1443	1446	1449	rBV2	137177	168388	7.98%	0.456%
63	10.781	1455	1460	1464	rBV2	722151	972346	46.06%	2.636%
64	10.898	1476	1480	1489	rVB	959861	1716712	81.32%	4.653%
65	11.092	1510	1513	1515	rBV	85745	108027	5.12%	0.293%
66	11.345	1552	1556	1559	rBV	797780	1014414	48.05%	2.750%
67	11.381	1559	1562	1567	rVB	375547	510155	24.17%	1.383%
68	11.481	1575	1579	1584	rBV	565158	806791	38.22%	2.187%
69	11.775	1625	1629	1633	rBV	726203	857765	40.63%	2.325%
70	12.004	1664	1668	1676	rVB3	392563	576622	27.32%	1.563%
71	12.180	1694	1698	1702	rVB	618796	732038	34.68%	1.984%
72	12.463	1743	1746	1754	rVB	88396	123985	5.87%	0.336%
73	12.569	1760	1764	1769	rVB	516195	615018	29.13%	1.667%
74	12.704	1783	1787	1798	rVB2	142506	330633	15.66%	0.896%
75	12.792	1798	1802	1808	rBV2	169540	292986	13.88%	0.794%
76	12.939	1822	1827	1832	rVB2	384744	549430	26.03%	1.489%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.069	1844	1849	1858	rVB	1573001	2111006	100.00%	5.722%
78	13.298	1884	1888	1896	rBV	246160	329725	15.62%	0.894%
79	13.639	1943	1946	1949	rBV	169961	187408	8.88%	0.508%
80	13.969	1999	2002	2012	rVB2	221762	348087	16.49%	0.944%
81	14.122	2025	2028	2035	rVB	567428	782043	37.05%	2.120%
82	14.280	2053	2055	2062	rBV2	128330	155633	7.37%	0.422%
83	15.633	2282	2285	2298	rVB2	360693	832660	39.44%	2.257%

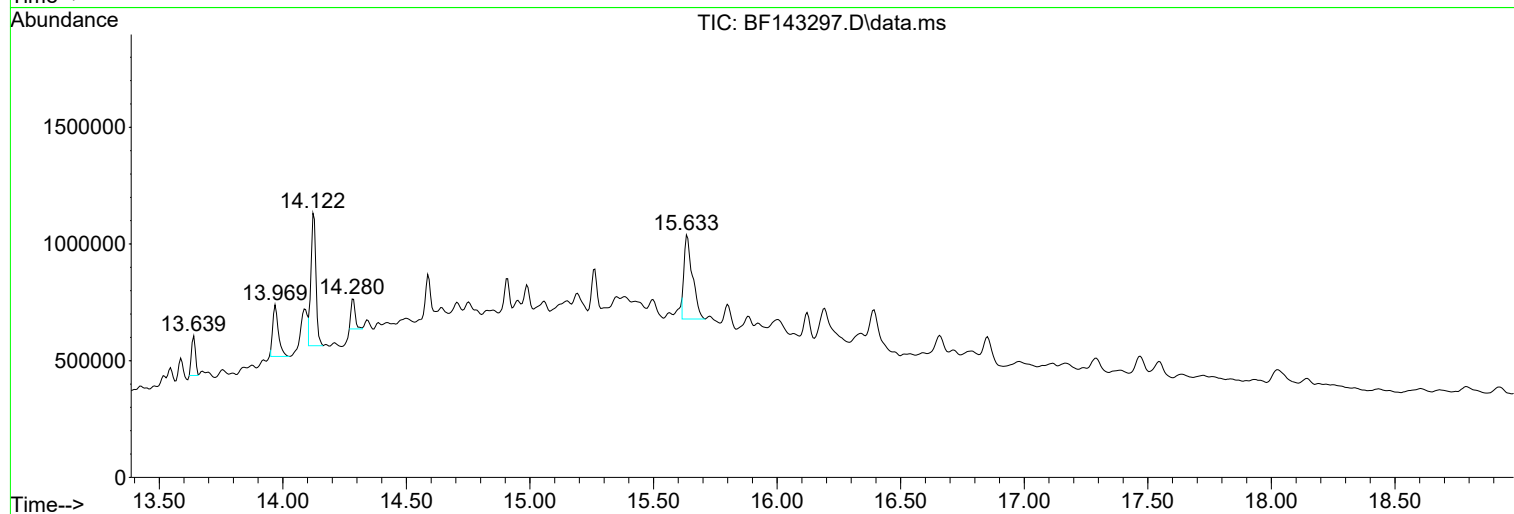
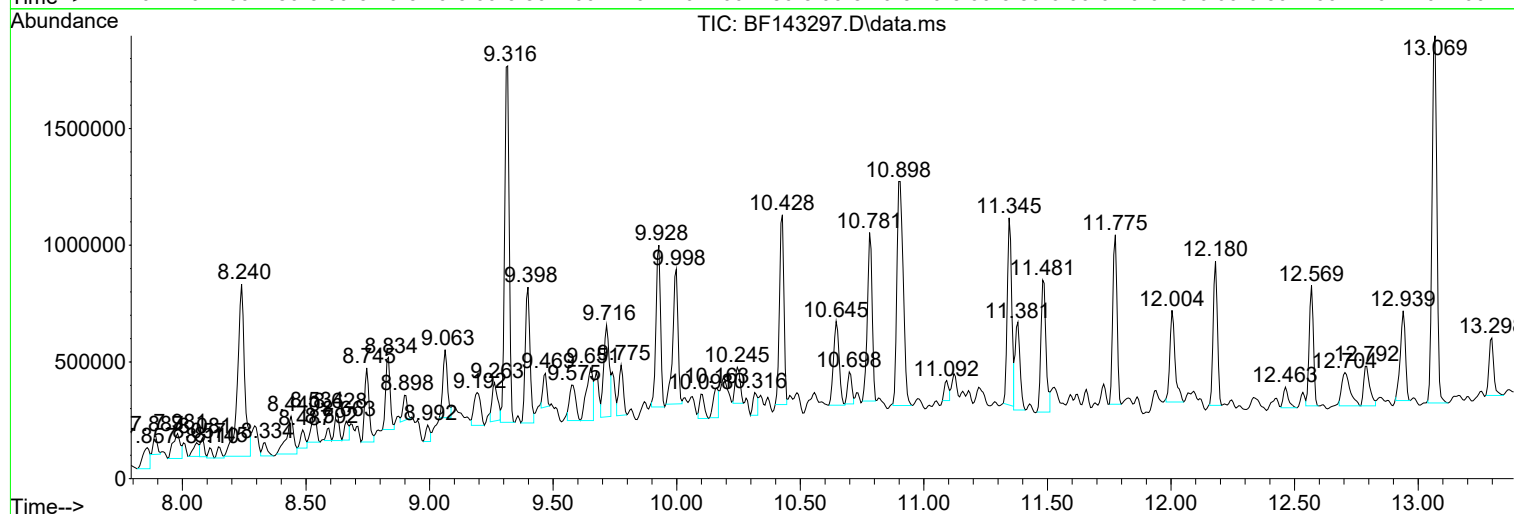
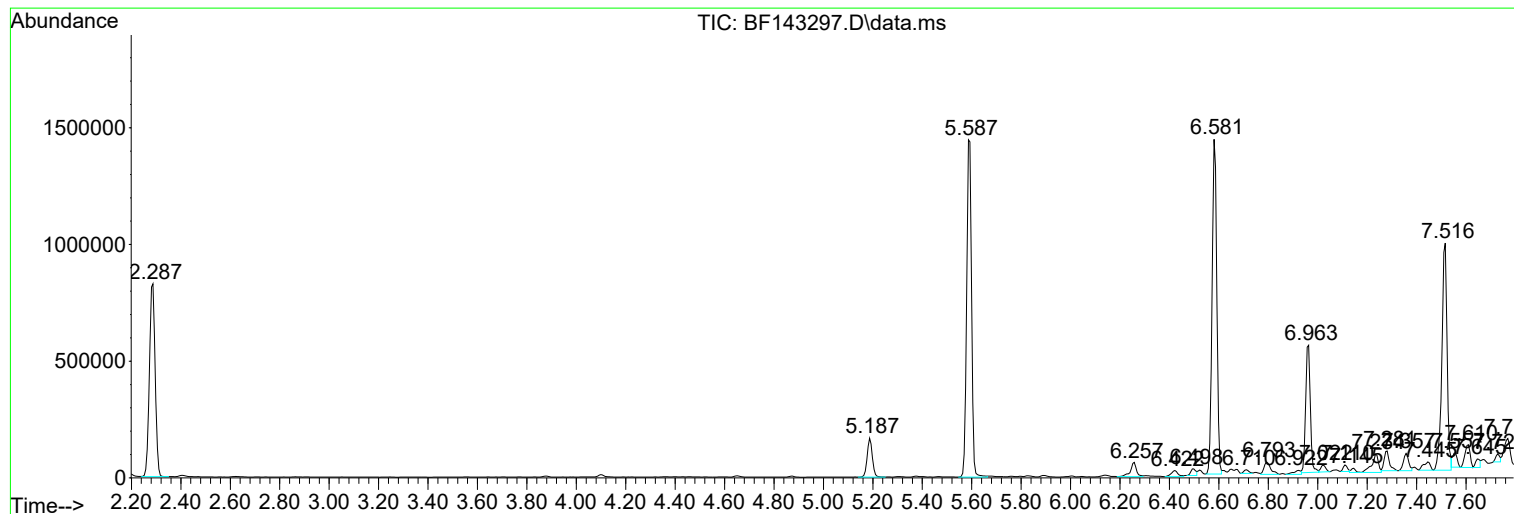
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Instrument :
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ClientSampleId :
TR-05-07312025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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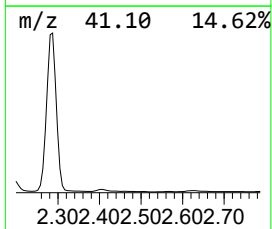
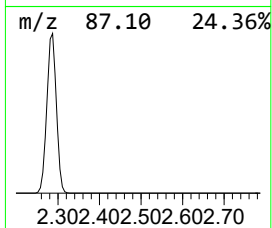
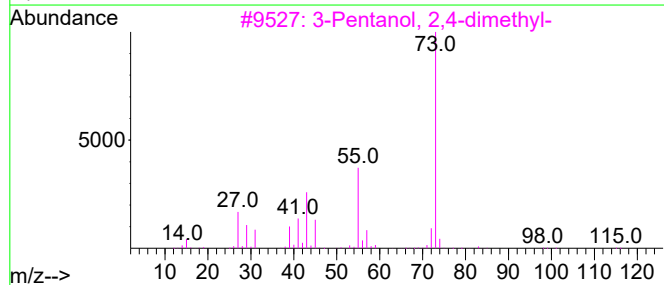
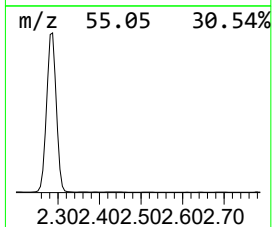
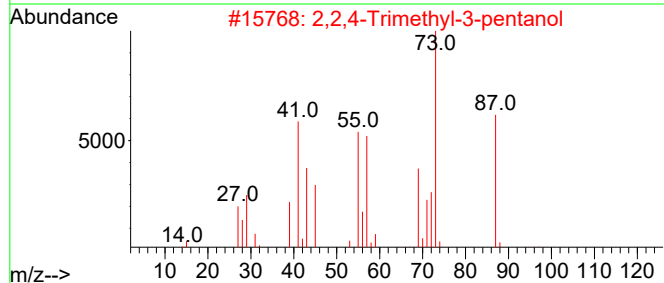
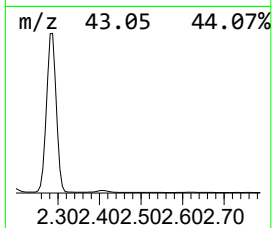
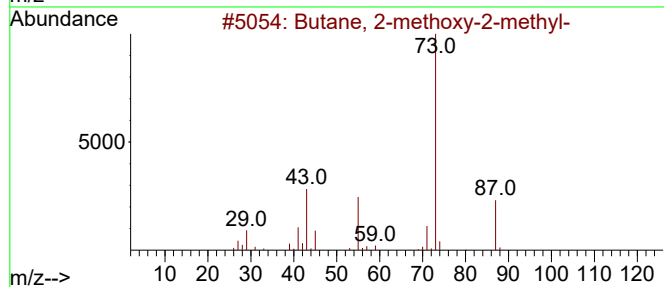
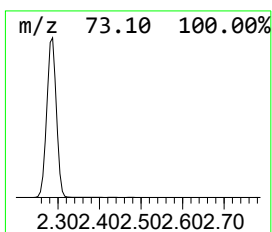
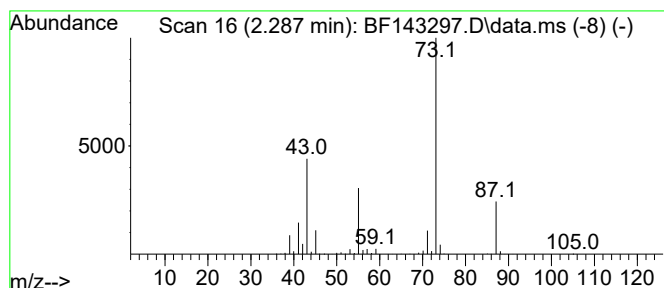
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.287	36.91 ng	1335950	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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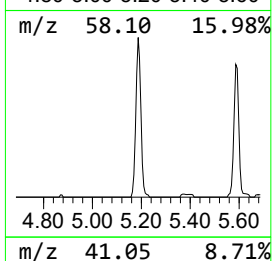
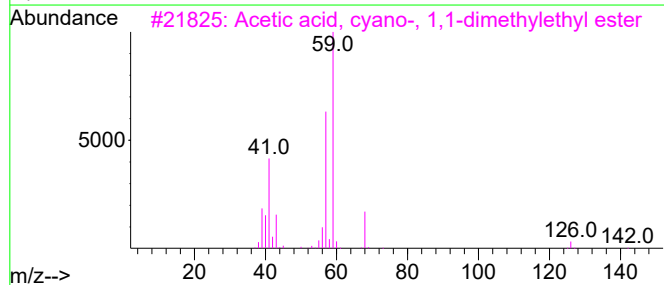
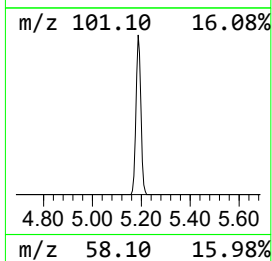
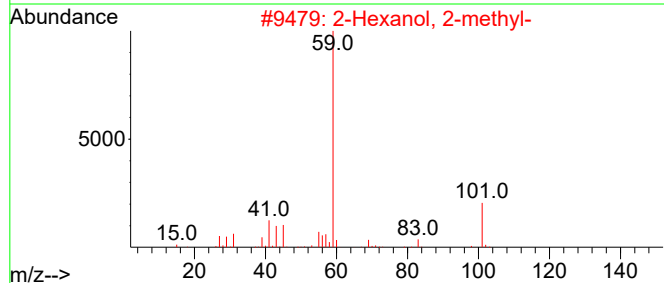
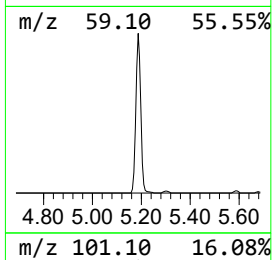
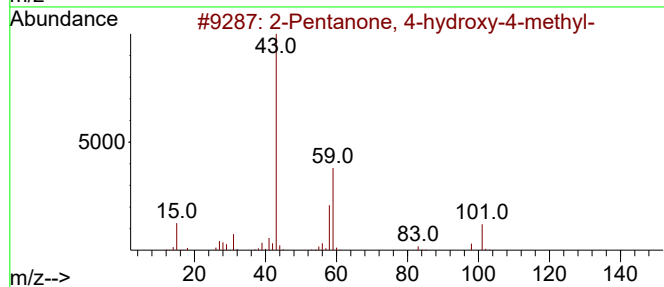
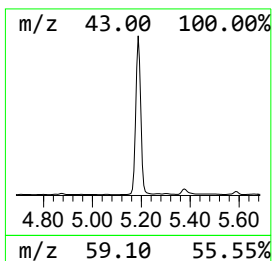
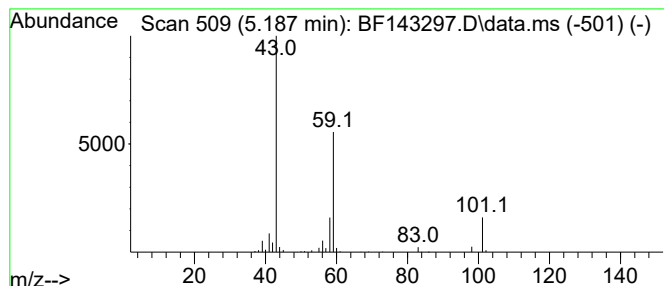
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.187	6.60 ng	239039	1,4-Dichlorobenzene-d4			6.963
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-		116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	12



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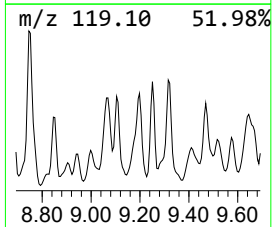
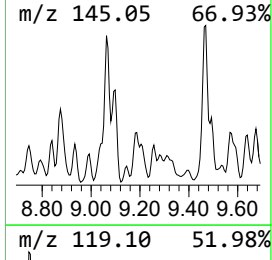
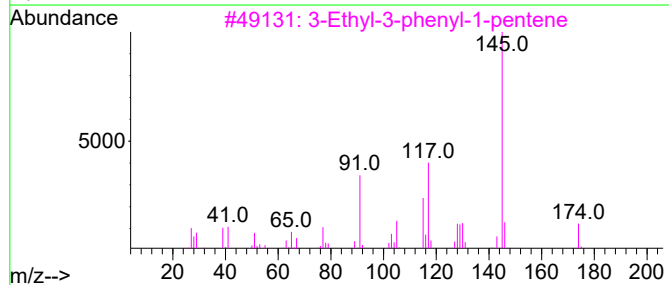
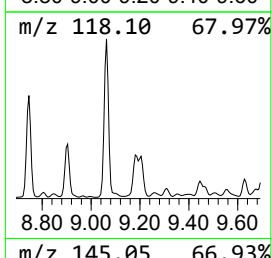
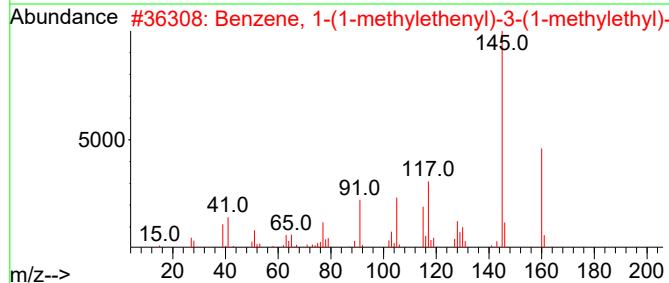
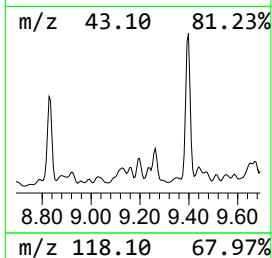
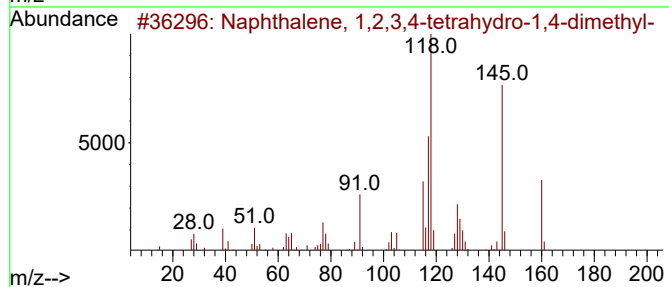
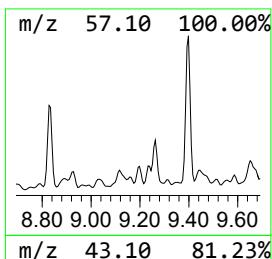
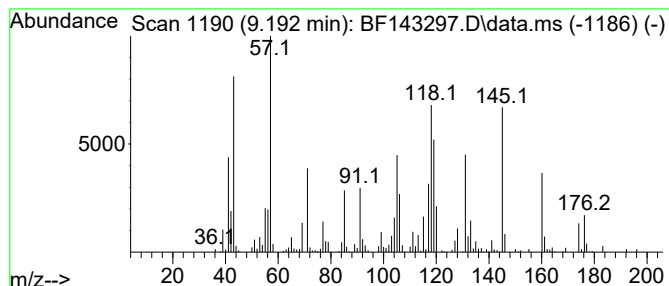
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.192 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	6.23 ng	265168	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	18
3			3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	15
4			5-Isopropyl-2-methylphenethyl ac...	220	C14H20O2	027913-43-5	14
5			Decane	142	C10H22	000124-18-5	11



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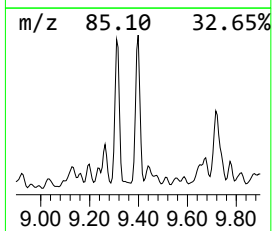
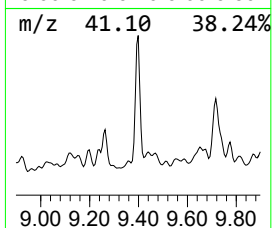
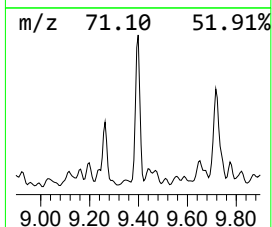
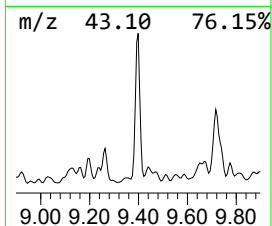
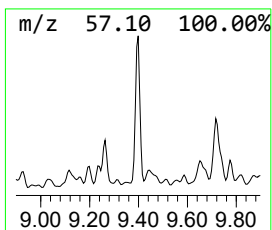
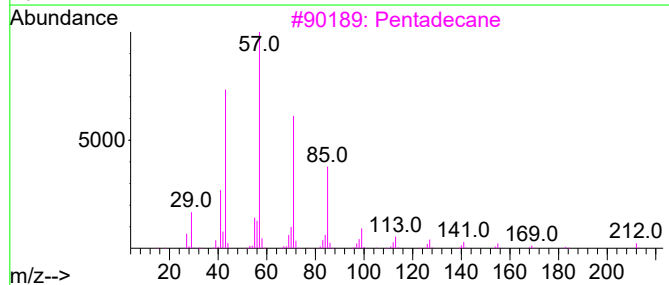
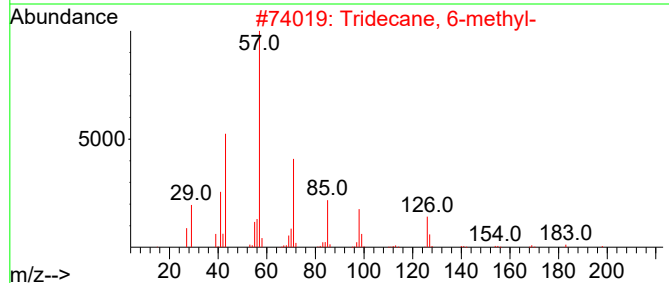
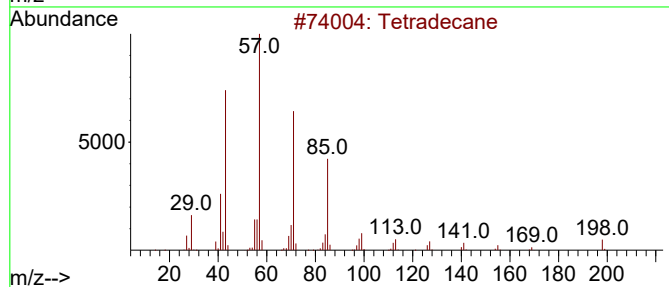
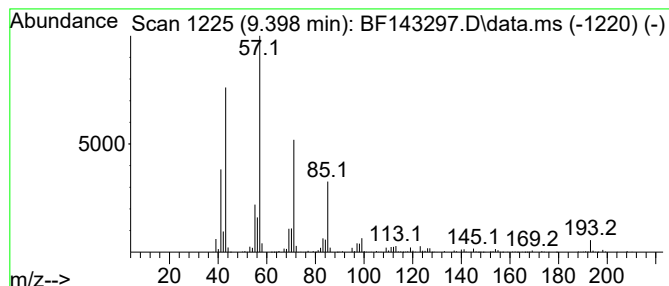
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	18.42 ng	784040	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3			Pentadecane	212	C15H32	000629-62-9	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			9-methylheptadecane	254	C18H38	026741-18-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07312025

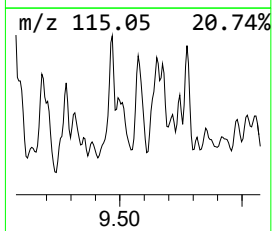
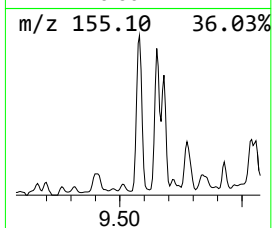
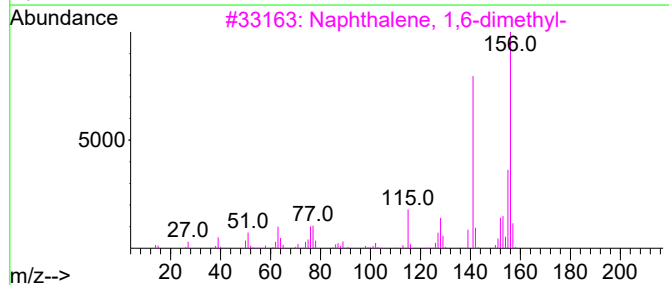
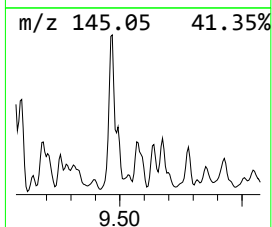
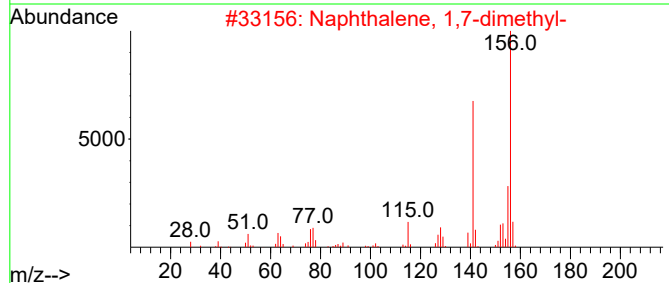
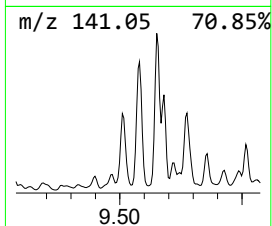
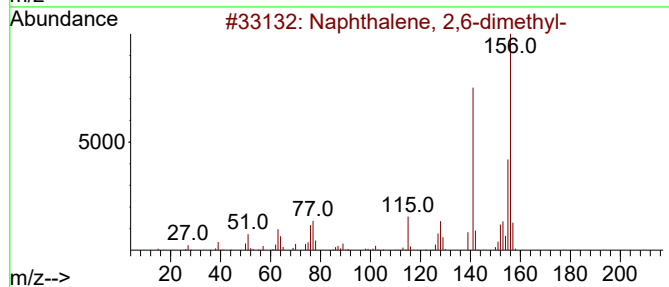
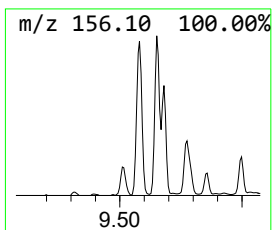
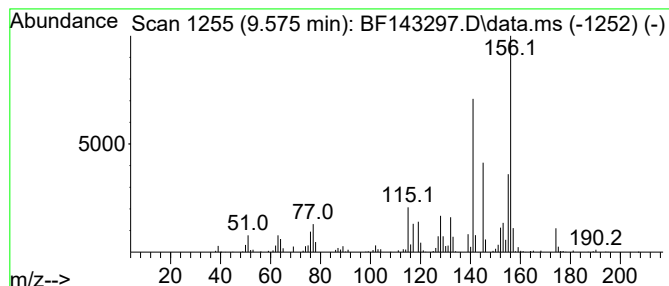
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	6.25 ng	266127	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07312025

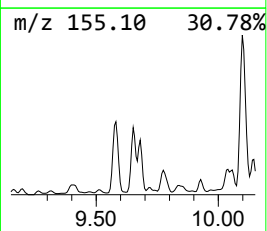
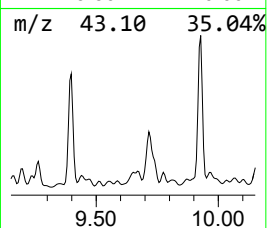
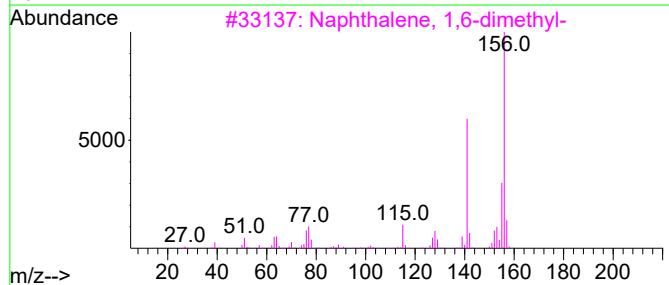
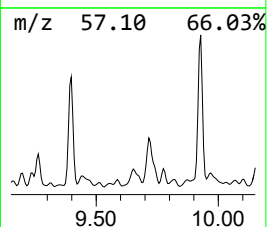
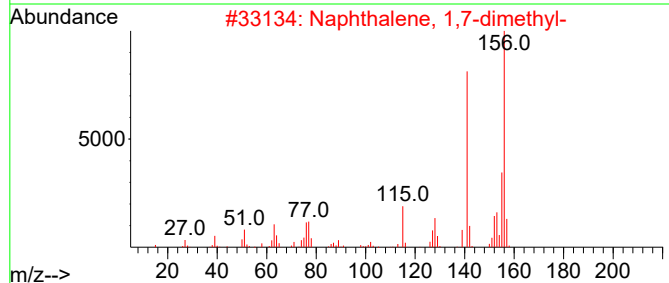
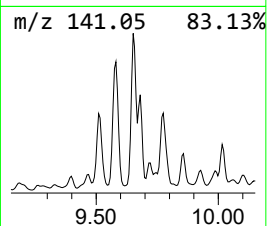
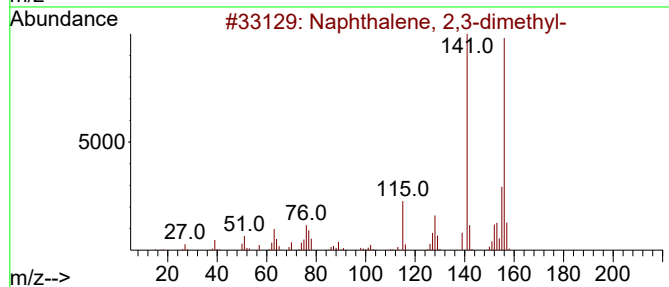
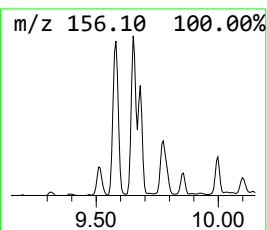
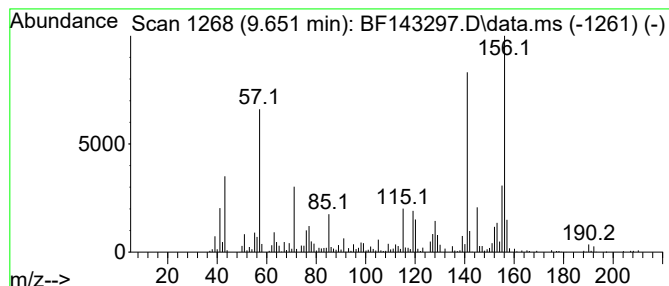
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	10.17 ng	432884	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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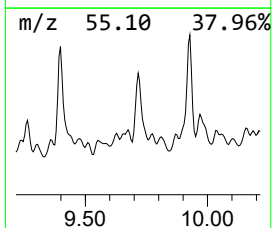
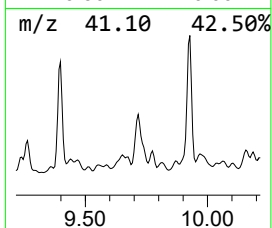
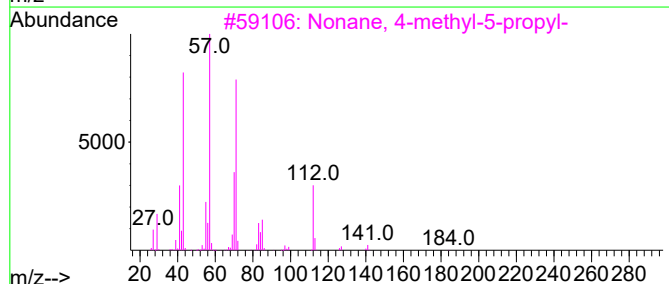
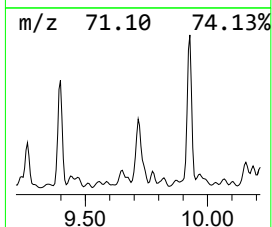
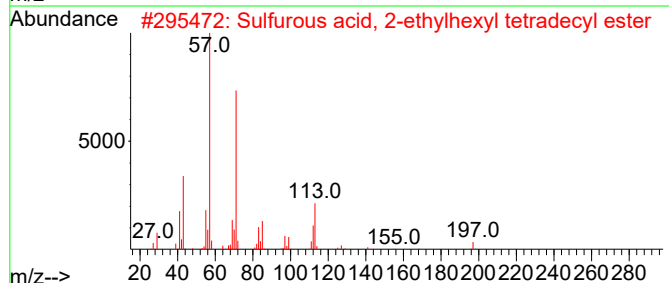
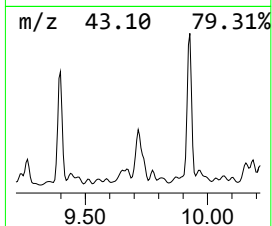
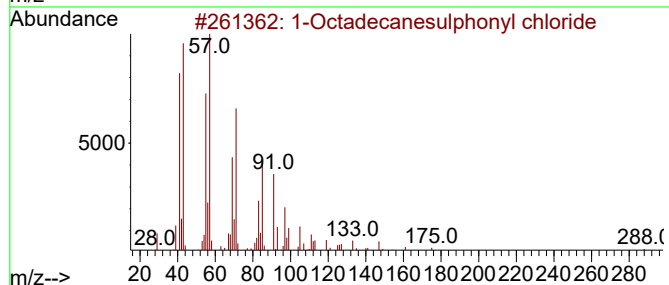
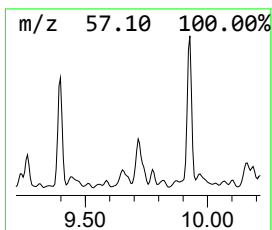
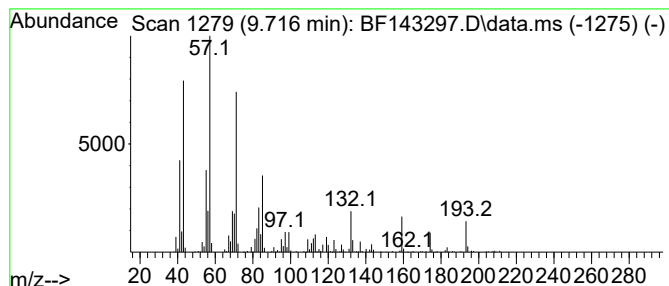
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	14.78 ng	629396	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
2			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	58
3			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53
4			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53
5			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07312025

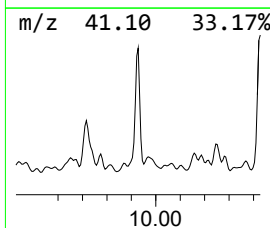
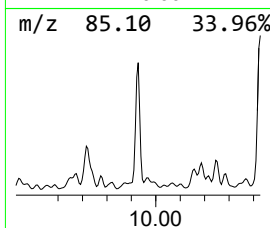
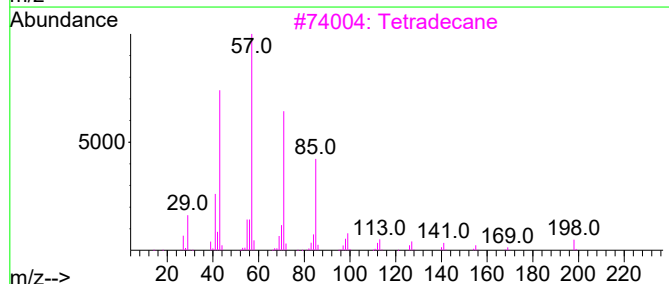
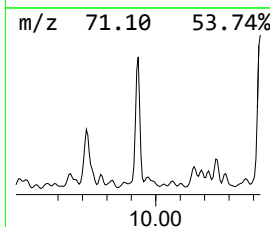
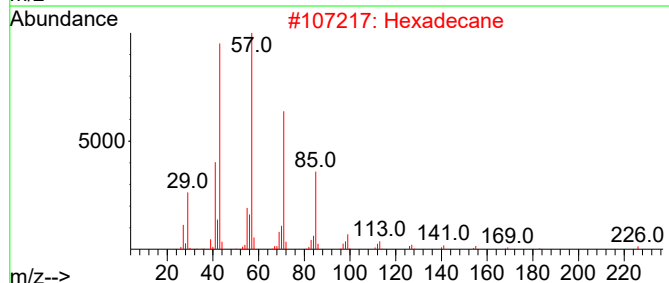
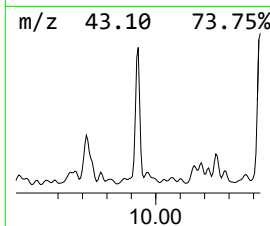
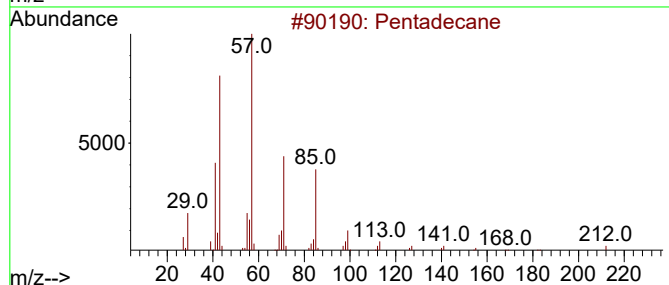
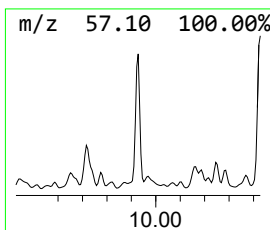
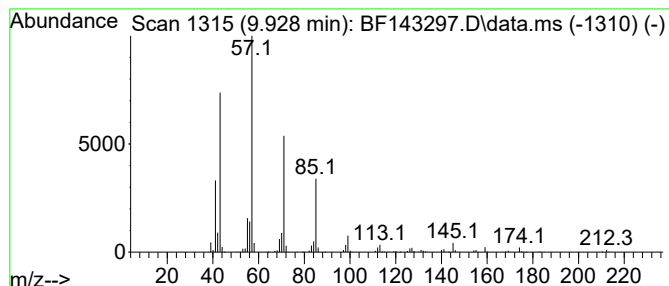
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	20.82 ng	886368	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	95
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Tridecane	184	C13H28	000629-50-5	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07312025

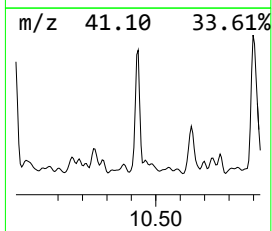
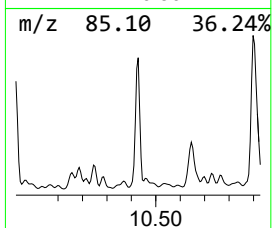
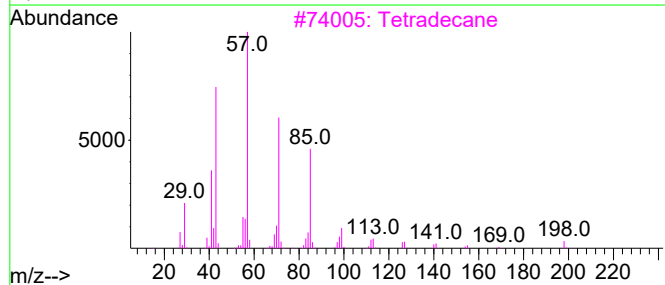
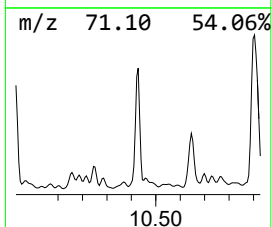
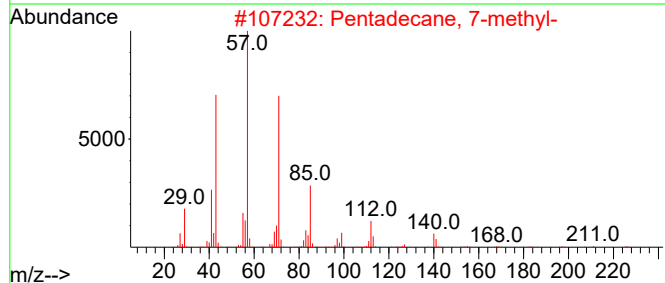
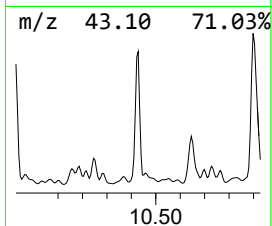
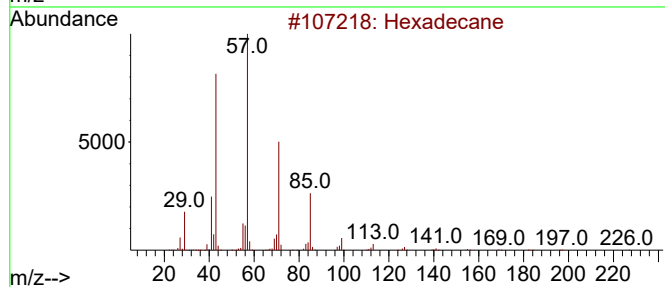
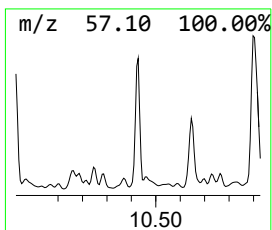
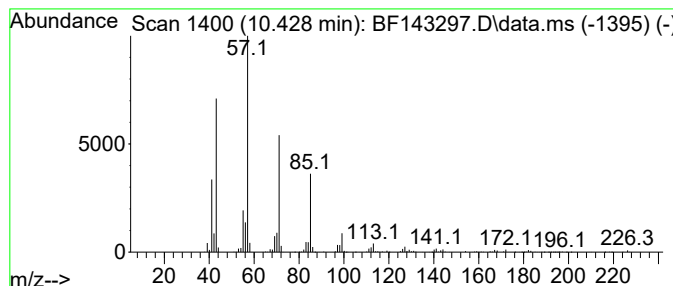
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	24.14 ng	1027740	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Tetradecane	198	C14H30	000629-59-4	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
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ALS Vial : 9 Sample Multiplier: 1

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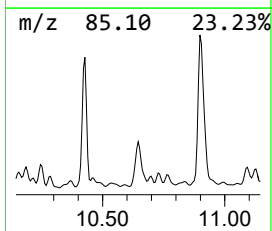
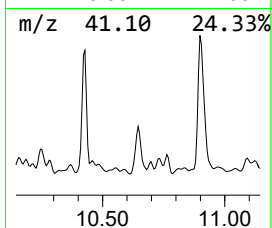
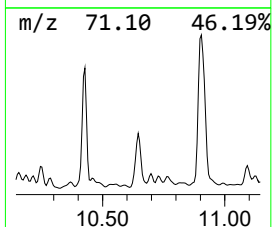
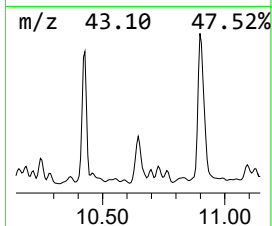
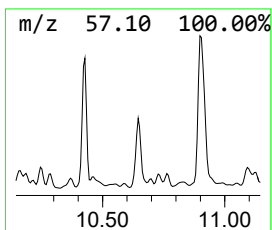
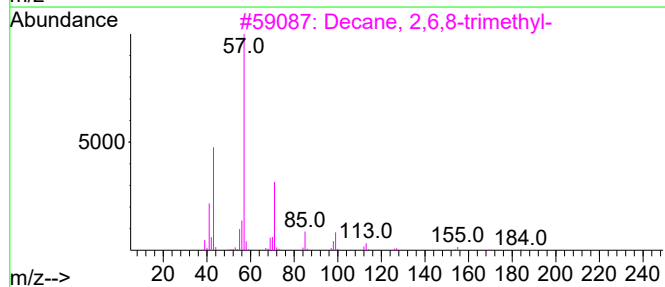
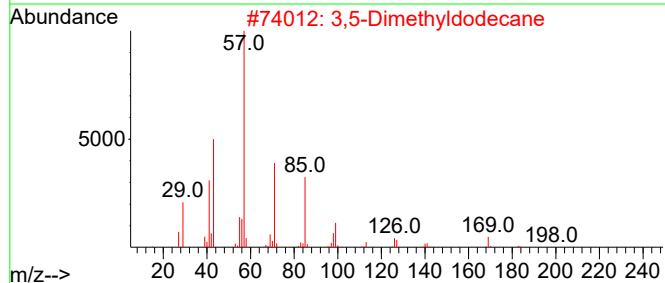
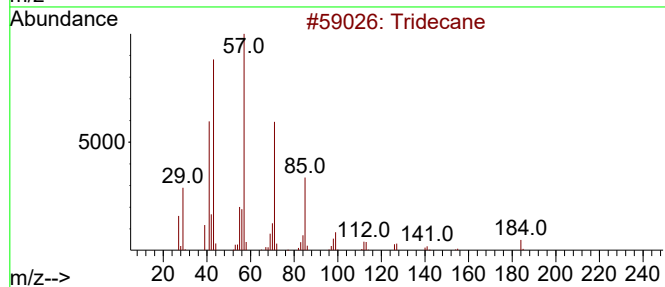
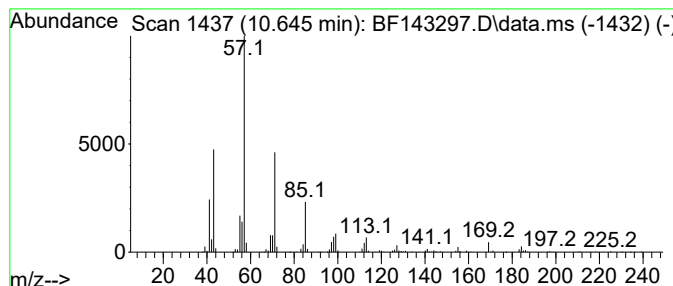
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	13.28 ng	565400	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	76
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4		Tetracosane	338	C24H50	000646-31-1	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07312025

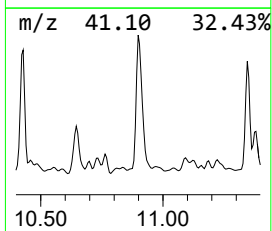
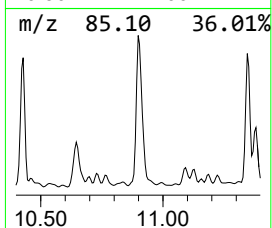
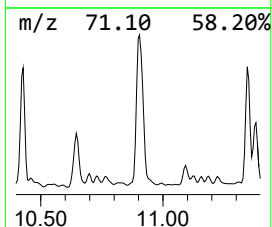
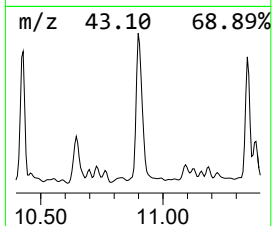
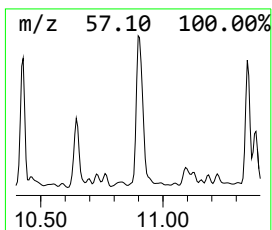
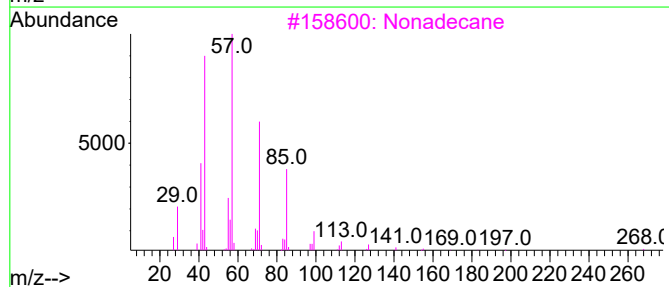
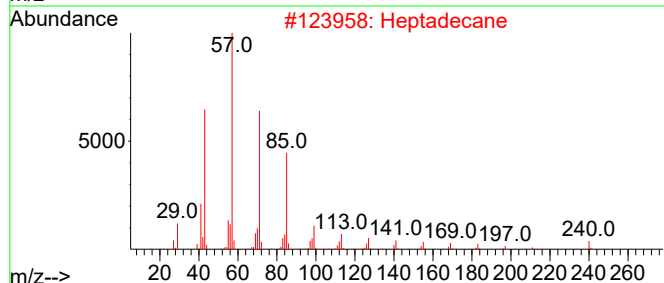
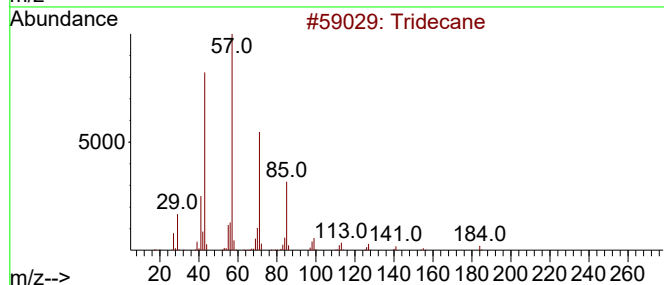
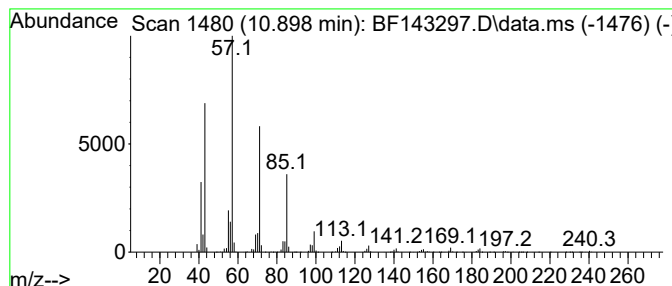
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	42.56 ng	1716710	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Heptadecane	240	C17H36	000629-78-7	95
3		Nonadecane	268	C19H40	000629-92-5	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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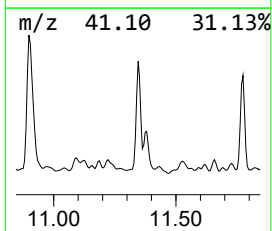
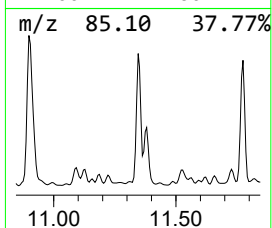
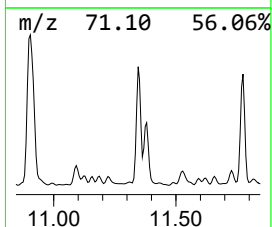
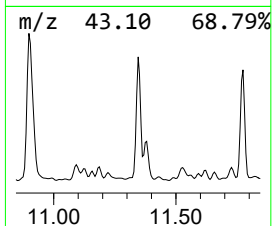
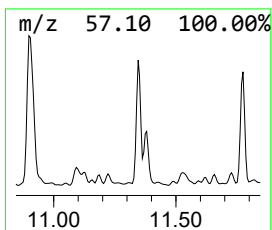
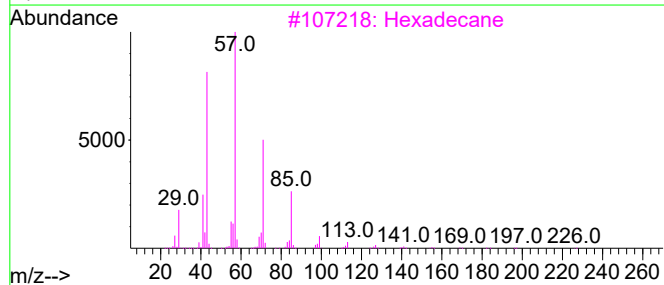
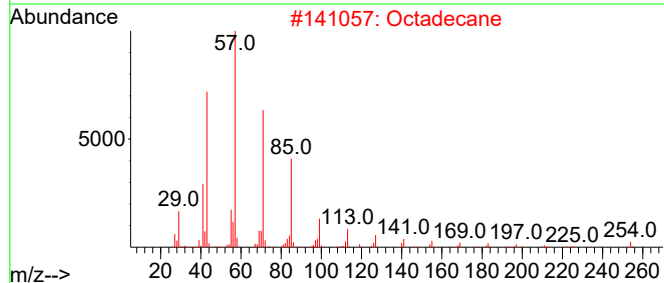
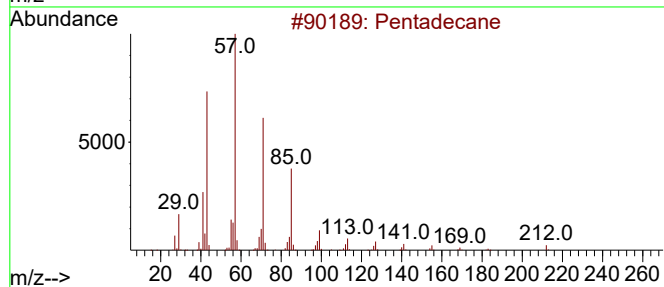
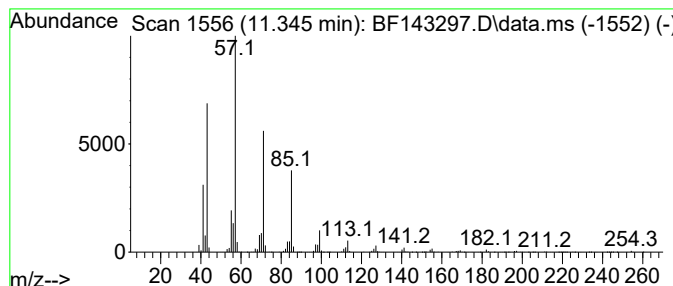
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	25.15 ng	1014410	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Octadecane	254	C18H38	000593-45-3	95
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
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Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

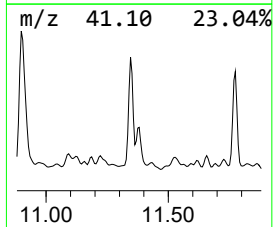
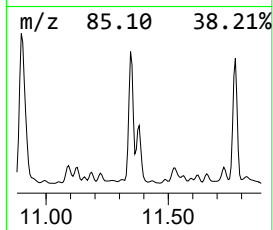
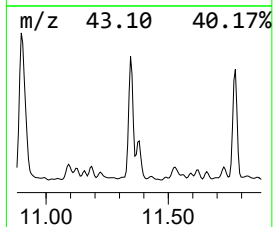
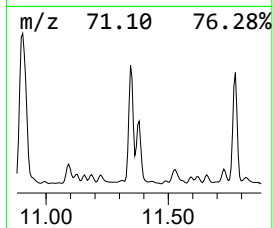
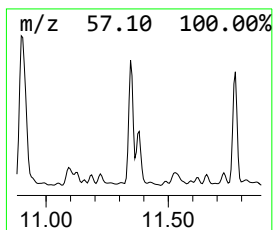
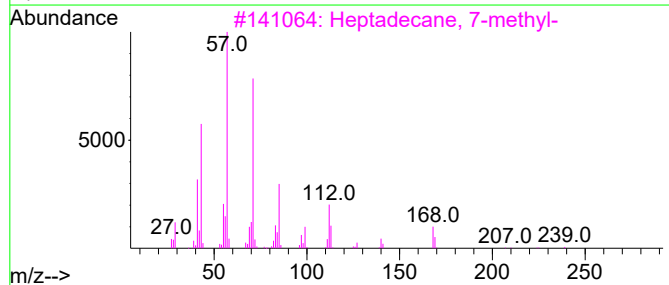
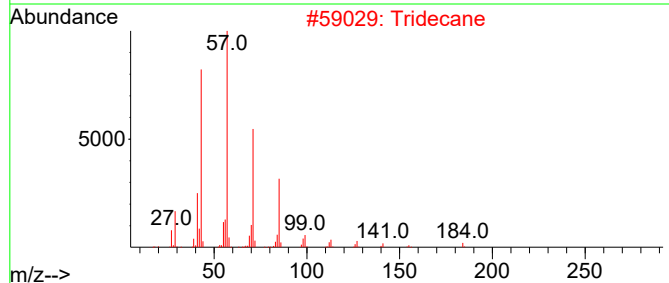
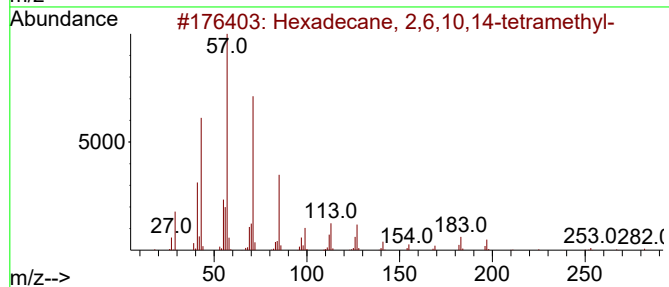
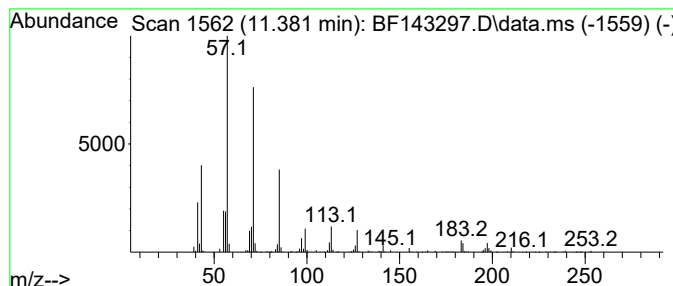
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.381	12.65 ng	510155	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	91
2	Tridecane		184	C13H28	000629-50-5	87
3	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	80
4	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	78
5	Pentadecane		212	C15H32	000629-62-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
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Operator : RC/JU
Sample : Q2741-01
Misc :
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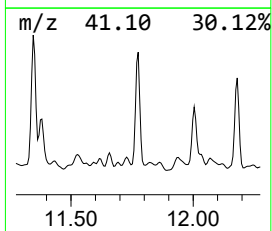
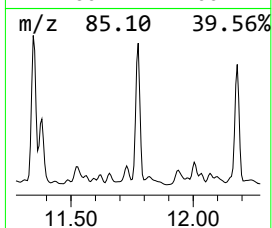
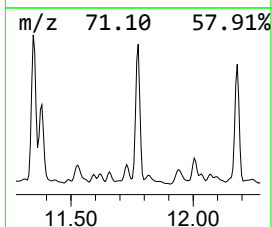
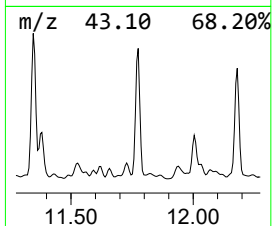
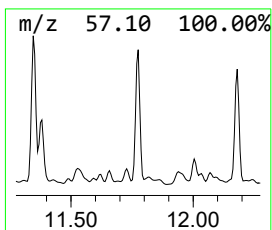
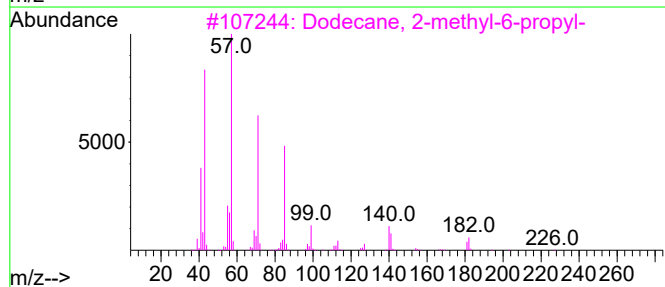
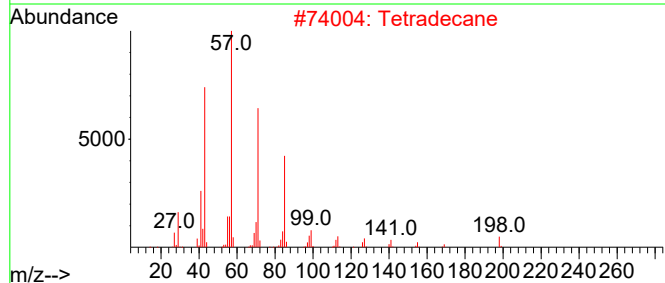
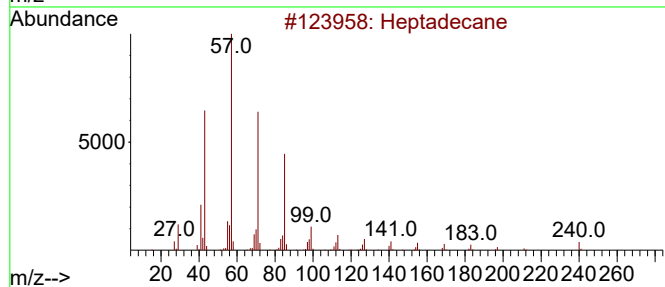
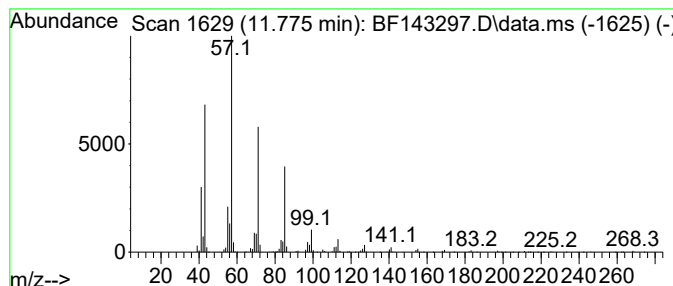
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.775	21.26 ng	857765	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Tetradecane		198	C14H30	000629-59-4	94
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
4	Docosane		310	C22H46	000629-97-0	91
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
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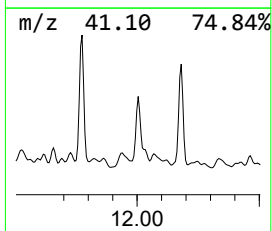
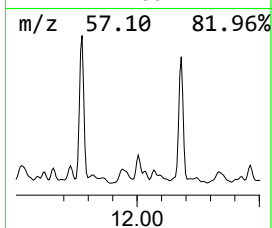
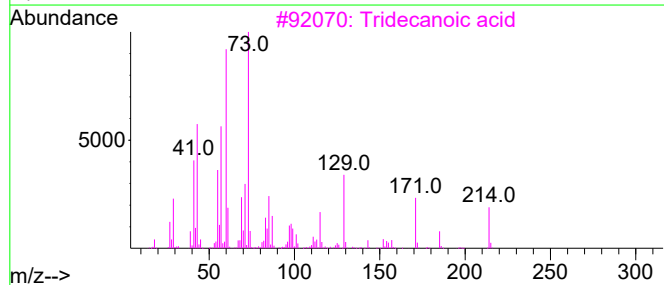
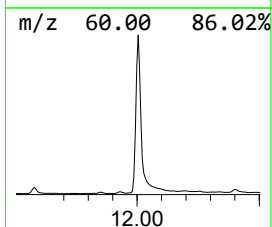
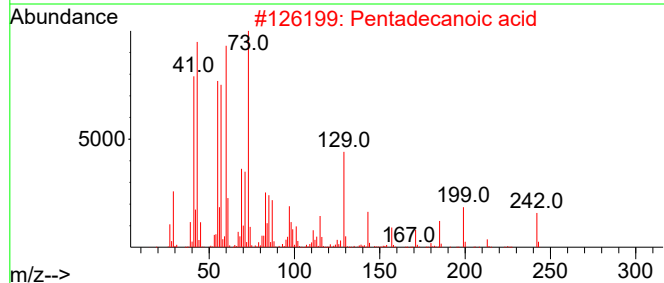
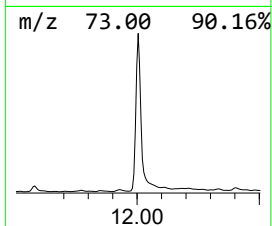
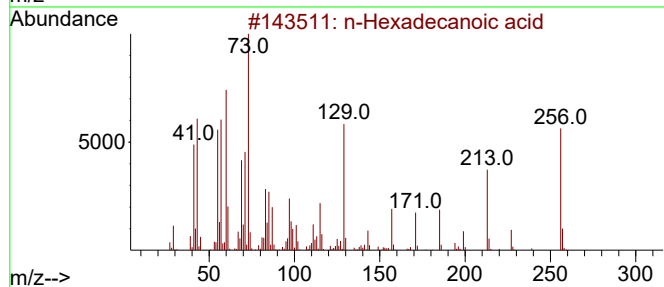
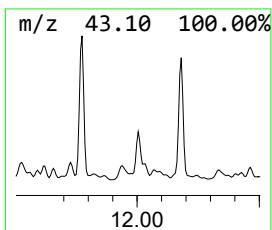
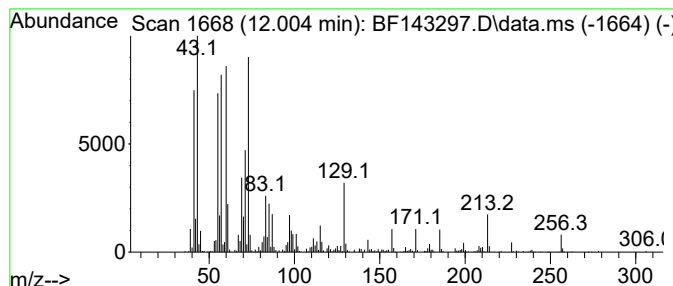
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.004	14.29 ng	576622	Phenanthrene-d10	11.480	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	49
5	Octadecanoic acid	284	C18H36O2	000057-11-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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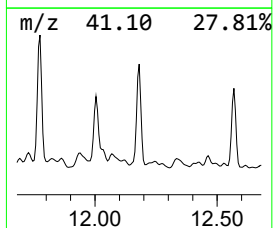
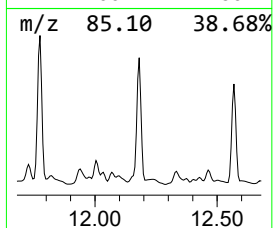
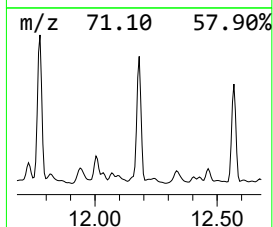
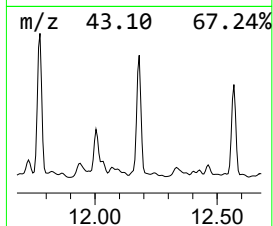
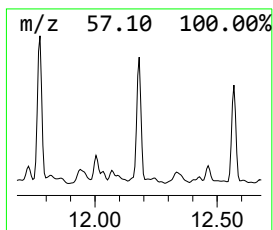
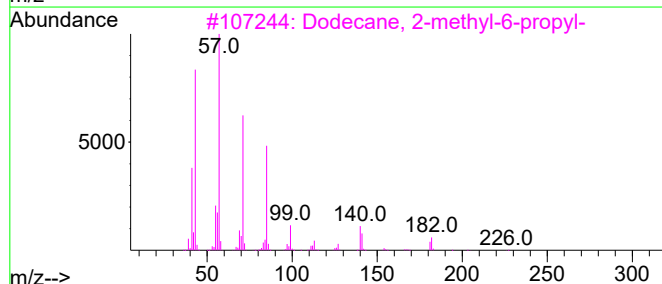
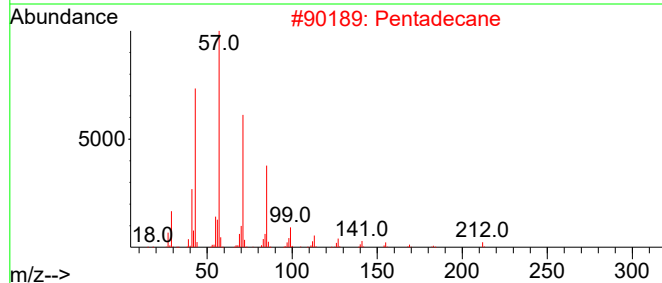
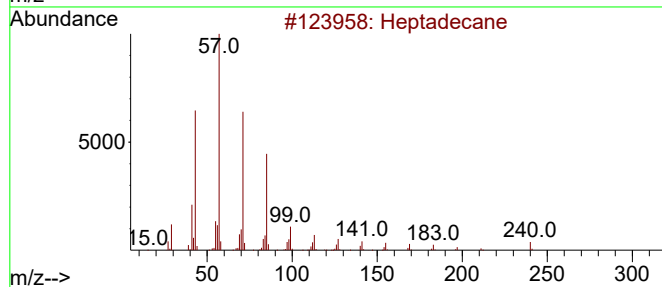
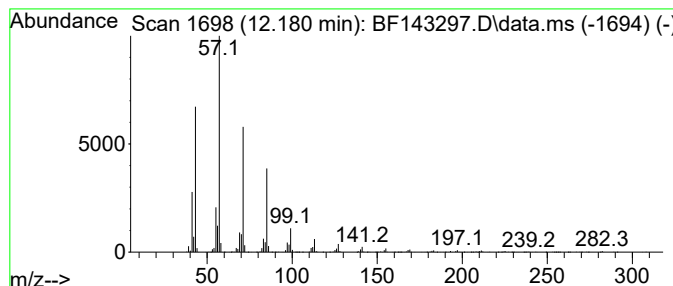
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.181	18.15 ng	732038	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Pentadecane	212	C15H32	000629-62-9	94
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
4			Nonadecane	268	C19H40	000629-92-5	90
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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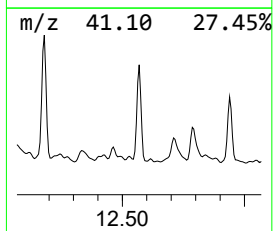
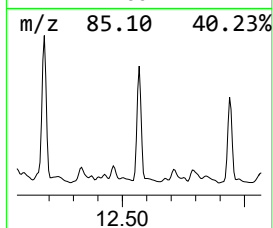
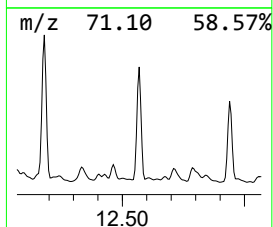
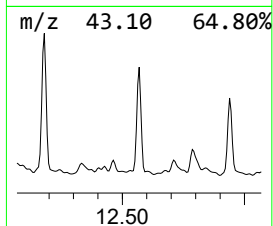
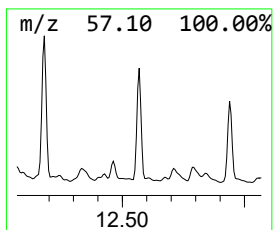
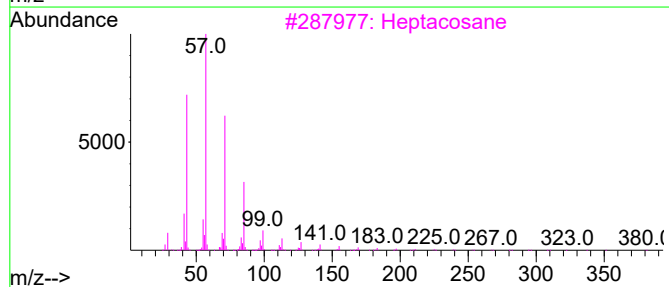
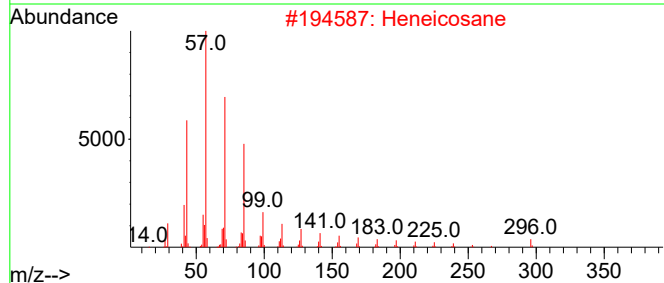
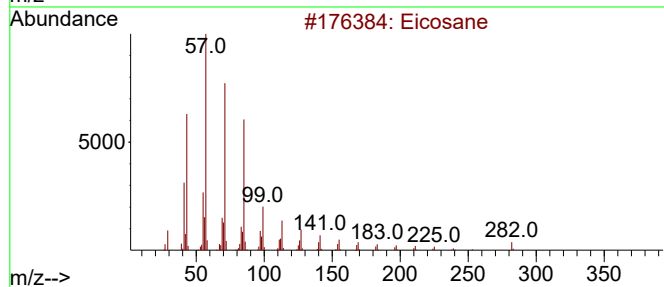
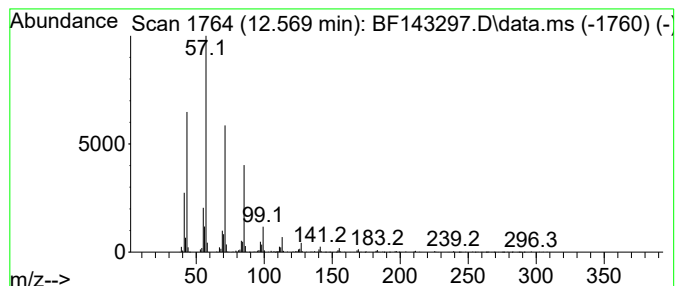
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	15.25 ng	615018	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	96
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

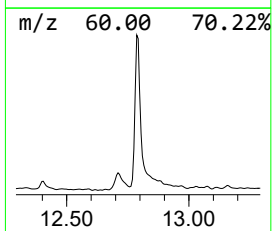
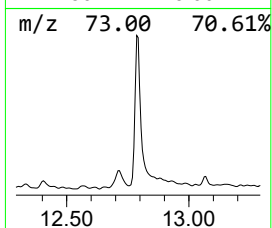
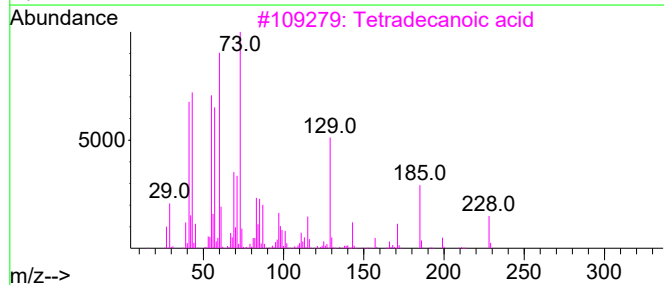
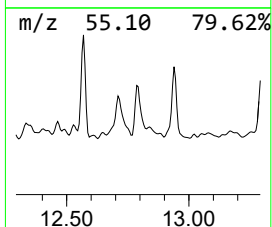
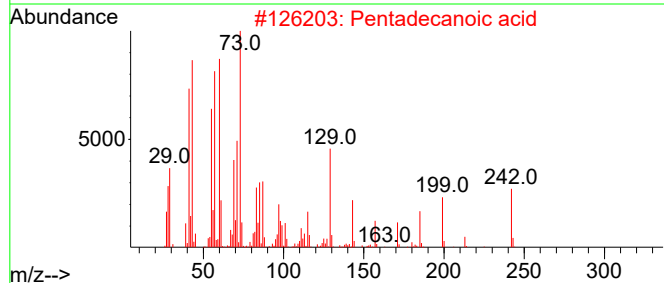
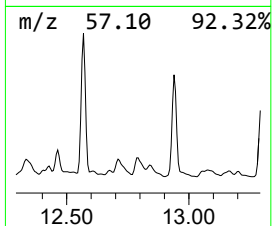
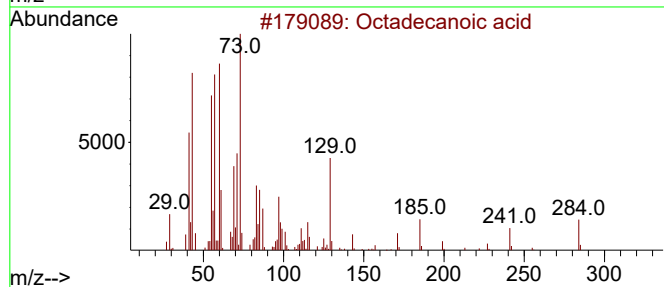
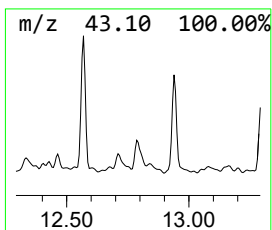
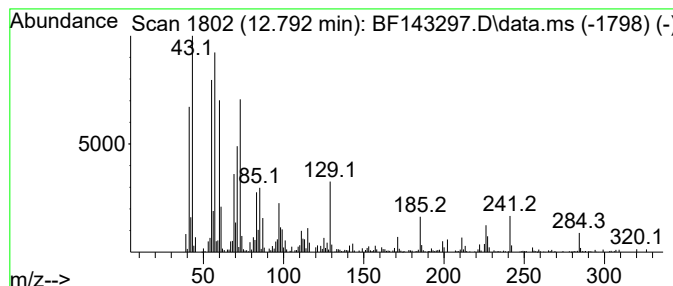
Instrument :
BNA_F
ClientSampleId :
TR-05-07312025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.792	7.26 ng	292986	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	55
4	Tridecanoic acid		214	C13H26O2	000638-53-9	46
5	1-Dodecanol, 2-hexyl-		270	C18H38O	110225-00-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

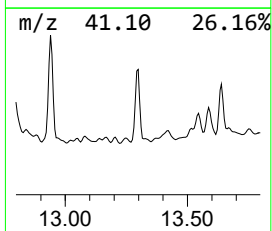
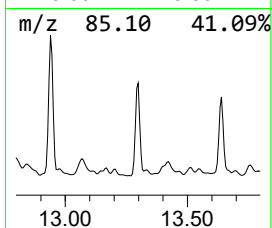
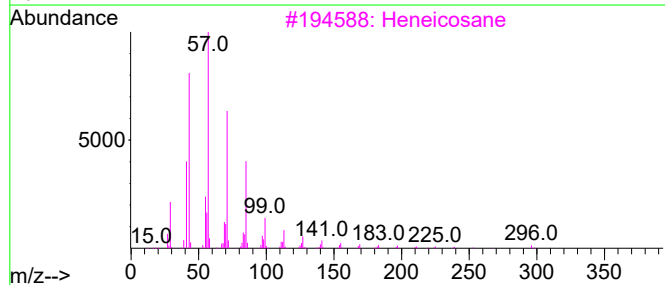
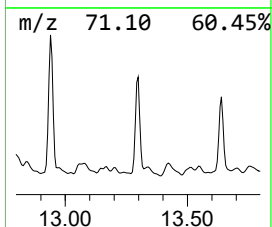
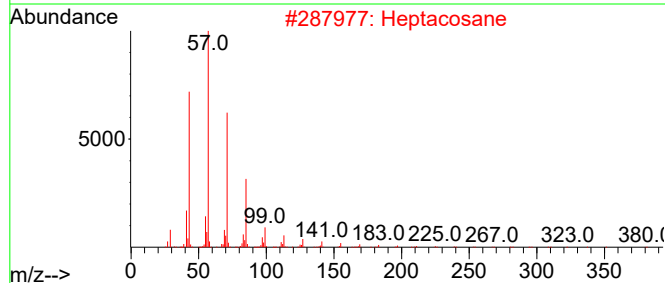
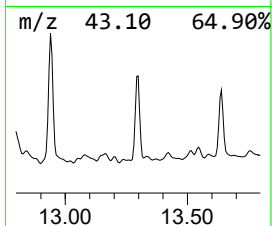
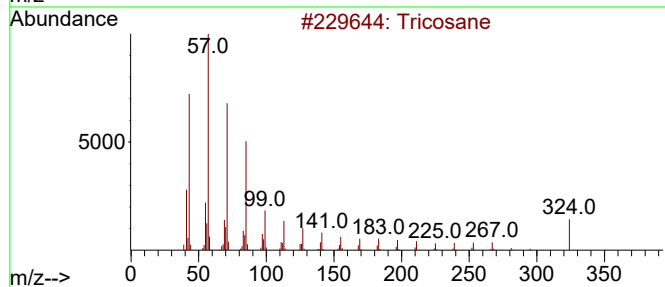
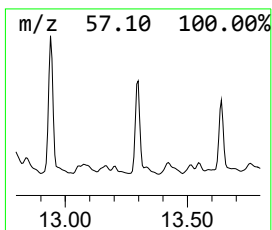
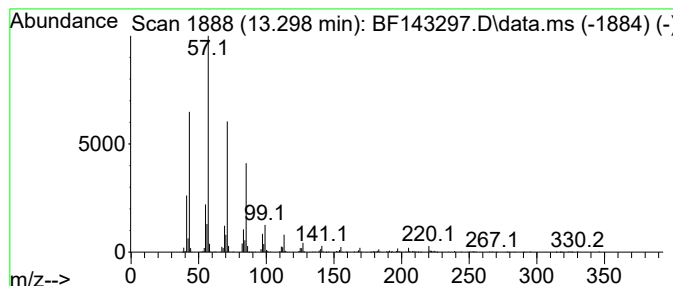
Instrument :
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ClientSampleId :
TR-05-07312025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.298	8.43 ng	329725	Chrysene-d12		14.121	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	93
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143297.D
Acq On : 04 Aug 2025 15:38
Operator : RC/JU
Sample : Q2741-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

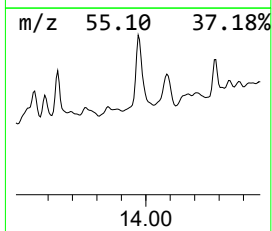
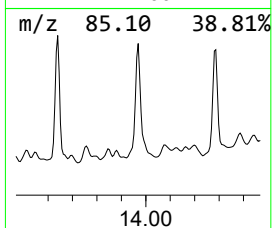
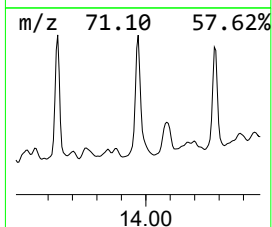
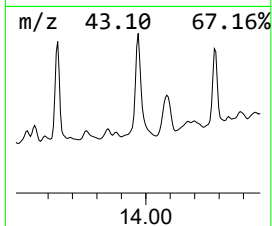
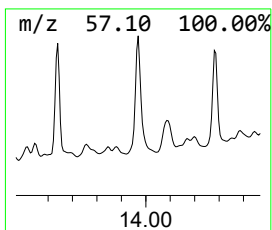
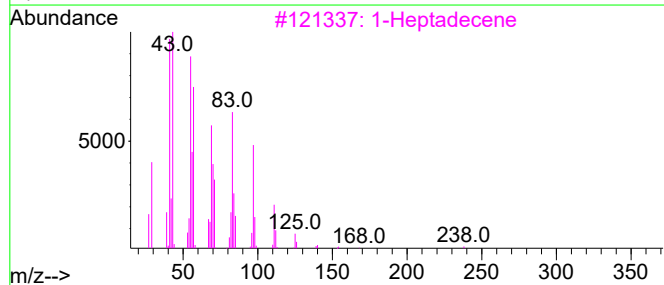
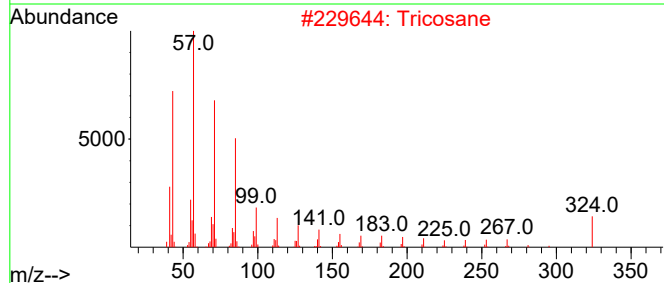
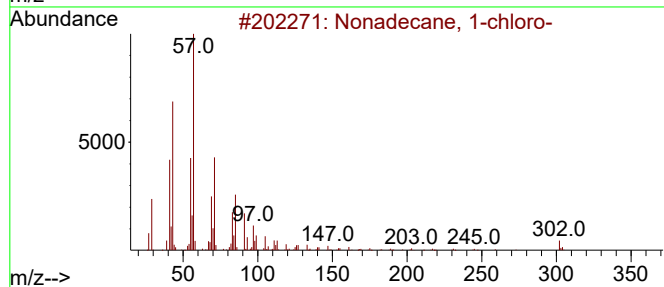
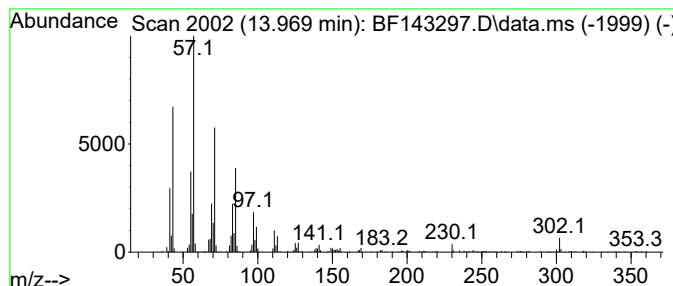
Instrument :
BNA_F
ClientSampleId :
TR-05-07312025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.969	8.90 ng	348087	Chrysene-d12	14.121	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	96
2	Tricosane	324	C23H48	000638-67-5	93
3	1-Heptadecene	238	C17H34	006765-39-5	92
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	90
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143297.D
 Acq On : 04 Aug 2025 15:38
 Operator : RC/JU
 Sample : Q2741-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-07312025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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
Butane, 2-metho...	2.287	36.9	ng	1335950	1	6.963	723837	20.0
2-Pentanone, 4-...	5.187	6.6	ng	239039	1	6.963	723837	20.0
unknown9.192	9.192	6.2	ng	265168	3	9.998	851470	20.0
Tetradecane	9.398	18.4	ng	784040	3	9.998	851470	20.0
Naphthalene, 2,...	9.575	6.3	ng	266127	3	9.998	851470	20.0
Naphthalene, 2,...	9.651	10.2	ng	432884	3	9.998	851470	20.0
1-Octadecanesul...	9.716	14.8	ng	629396	3	9.998	851470	20.0
Pentadecane	9.928	20.8	ng	886368	3	9.998	851470	20.0
Hexadecane	10.428	24.1	ng	1027740	3	9.998	851470	20.0
Tridecane	10.645	13.3	ng	565400	3	9.998	851470	20.0
Heptadecane	10.898	42.6	ng	1716710	4	11.480	806791	20.0
Octadecane	11.345	25.1	ng	1014410	4	11.480	806791	20.0
Hexadecane, 2,6...	11.381	12.7	ng	510155	4	11.480	806791	20.0
Dodecane, 2-met...	11.775	21.3	ng	857765	4	11.480	806791	20.0
n-Hexadecanoic ...	12.004	14.3	ng	576622	4	11.480	806791	20.0
Nonadecane	12.181	18.1	ng	732038	4	11.480	806791	20.0
Eicosane	12.569	15.3	ng	615018	4	11.480	806791	20.0
Octadecanoic acid	12.792	7.3	ng	292986	4	11.480	806791	20.0
Tricosane	13.298	8.4	ng	329725	5	14.121	782043	20.0
Nonadecane, 1-c...	13.969	8.9	ng	348087	5	14.121	782043	20.0