

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143239.D
 Acq On : 24 Jul 2025 17:56
 Operator : RC/JU
 Sample : Q2674-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-072225

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: BF143239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	5	12	19	rVB	259151	400751	27.41%	1.903%
2	5.181	502	508	513	rBV	39709	54209	3.71%	0.257%
3	5.587	571	577	584	rBV	372413	489227	33.46%	2.323%
4	6.575	740	745	751	rBV	372159	479178	32.77%	2.276%
5	6.804	778	784	791	rVB2	30179	48250	3.30%	0.229%
6	6.963	806	811	818	rVB	404260	505901	34.60%	2.403%
7	7.240	852	858	861	rBV3	23312	29968	2.05%	0.142%
8	7.275	861	864	867	rBV2	16572	22961	1.57%	0.109%
9	7.351	873	877	882	rBV3	25217	43124	2.95%	0.205%
10	7.445	887	893	897	rVB3	8522	15789	1.08%	0.075%
11	7.510	897	904	908	rBV	257852	361653	24.73%	1.718%
12	7.557	908	912	916	rVB	97275	121543	8.31%	0.577%
13	7.610	916	921	924	rBV3	26790	39889	2.73%	0.189%
14	7.669	924	931	934	rBV4	17457	39702	2.72%	0.189%
15	7.769	945	948	956	rVB3	44999	78146	5.34%	0.371%
16	7.863	956	964	966	rBV4	35635	70638	4.83%	0.335%
17	7.892	966	969	971	rVV3	39661	49710	3.40%	0.236%
18	7.922	971	974	978	rVV2	33091	49499	3.39%	0.235%
19	7.957	978	980	982	rVV3	34114	39745	2.72%	0.189%
20	7.987	982	985	991	rVB5	51743	96270	6.58%	0.457%
21	8.040	991	994	996	rBV2	25206	30551	2.09%	0.145%
22	8.081	999	1001	1004	rVB	30704	31257	2.14%	0.148%
23	8.116	1004	1007	1010	rBV2	13562	15238	1.04%	0.072%
24	8.151	1010	1013	1016	rBV	18707	21750	1.49%	0.103%
25	8.240	1016	1028	1034	rBV2	528194	998317	68.27%	4.741%
26	8.304	1035	1039	1042	rVB2	83292	109477	7.49%	0.520%
27	8.334	1042	1044	1051	rVB4	35499	58099	3.97%	0.276%
28	8.404	1052	1056	1057	rBV2	24444	33040	2.26%	0.157%
29	8.440	1059	1062	1067	rVB3	47387	59677	4.08%	0.283%
30	8.487	1067	1070	1073	rBV3	20461	25809	1.76%	0.123%
31	8.534	1073	1078	1084	rBV5	92240	159793	10.93%	0.759%
32	8.587	1084	1087	1090	rBV2	44962	51199	3.50%	0.243%
33	8.622	1090	1093	1096	rBV3	65114	77961	5.33%	0.370%
34	8.663	1096	1100	1106	rVV	100374	126951	8.68%	0.603%
35	8.745	1111	1114	1118	rBV	119044	147947	10.12%	0.703%
36	8.834	1124	1129	1133	rBV	324054	399280	27.30%	1.896%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	8.875	1133	1136	1137	rBV2	23204	25636	1.75%	0.122%
38	8.904	1138	1141	1143	rVV	33520	41565	2.84%	0.197%
39	8.992	1153	1156	1158	rBV2	30942	36011	2.46%	0.171%
40	9.063	1159	1168	1172	rBV5	138308	255571	17.48%	1.214%
41	9.198	1187	1191	1195	rVB2	95447	153904	10.52%	0.731%
42	9.263	1195	1202	1207	rBV3	161840	305472	20.89%	1.451%
43	9.310	1207	1210	1215	rVB	454212	558679	38.21%	2.653%
44	9.398	1220	1225	1230	rBV	535278	694474	47.49%	3.298%
45	9.469	1234	1237	1243	rVB	84800	112104	7.67%	0.532%
46	9.651	1262	1268	1270	rBV4	106389	207621	14.20%	0.986%
47	9.716	1275	1279	1286	rVV3	305795	614935	42.05%	2.920%
48	9.775	1286	1289	1293	rVB2	119794	144952	9.91%	0.688%
49	9.928	1310	1315	1319	rVB	626278	761089	52.05%	3.614%
50	9.998	1319	1327	1331	rVB	484702	685153	46.85%	3.254%
51	10.104	1342	1345	1349	rVB2	47789	58207	3.98%	0.276%
52	10.163	1350	1355	1357	rBV	100496	171897	11.76%	0.816%
53	10.251	1366	1370	1374	rBV4	123647	178450	12.20%	0.847%
54	10.316	1378	1381	1384	rBV3	49170	72677	4.97%	0.345%
55	10.428	1395	1400	1404	rBV	721325	910364	62.26%	4.323%
56	10.645	1432	1437	1443	rBV	305072	493783	33.77%	2.345%
57	10.698	1443	1446	1449	rVV2	91386	111192	7.60%	0.528%
58	10.733	1449	1452	1455	rVV2	56919	76764	5.25%	0.365%
59	10.781	1455	1460	1464	rVB2	243944	371743	25.42%	1.765%
60	10.904	1476	1481	1489	rVB	807741	1462301	100.00%	6.945%
61	11.092	1510	1513	1515	rBV	74129	94918	6.49%	0.451%
62	11.345	1552	1556	1559	rBV	674892	849204	58.07%	4.033%
63	11.380	1559	1562	1568	rVB	293523	399060	27.29%	1.895%
64	11.480	1575	1579	1584	rBV	512017	692407	47.35%	3.288%
65	11.657	1606	1609	1613	rVB	56457	63117	4.32%	0.300%
66	11.728	1618	1621	1625	rVV2	70867	86374	5.91%	0.410%
67	11.775	1625	1629	1633	rVV	612758	722978	49.44%	3.433%
68	12.180	1694	1698	1703	rVB	518166	604541	41.34%	2.871%
69	12.463	1743	1746	1753	rVB	68767	98030	6.70%	0.466%
70	12.569	1760	1764	1769	rVB	417886	515421	35.25%	2.448%
71	12.939	1823	1827	1831	rVB	299547	369678	25.28%	1.756%
72	13.063	1843	1848	1858	rVB	585881	769387	52.61%	3.654%
73	13.292	1884	1887	1896	rVB	186709	237396	16.23%	1.127%
74	13.639	1942	1946	1950	rBV	132920	164211	11.23%	0.780%
75	13.963	1998	2001	2012	rVB	141322	226095	15.46%	1.074%
76	14.121	2023	2028	2034	rBV	494351	638553	43.67%	3.033%

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ClientSampleId :
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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

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

77	14.280	2052	2055	2063	rVB	98574	129073	8.83%	0.613%
78	14.586	2104	2107	2112	rVB	82818	102807	7.03%	0.488%
79	15.627	2279	2284	2288	rBV	248015	406343	27.79%	1.930%

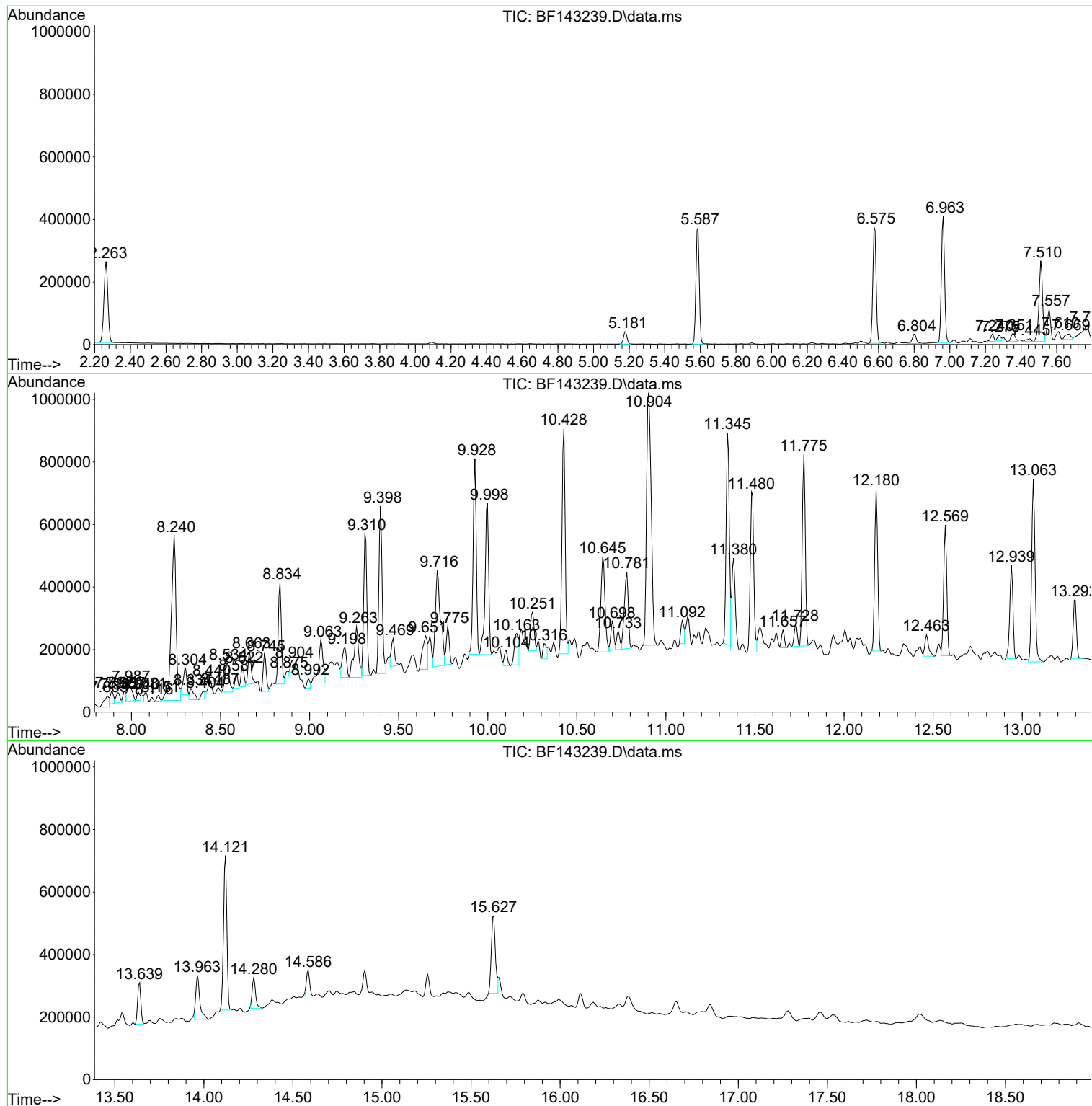
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
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Instrument :
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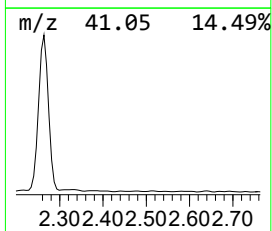
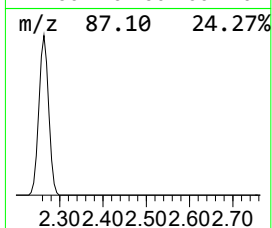
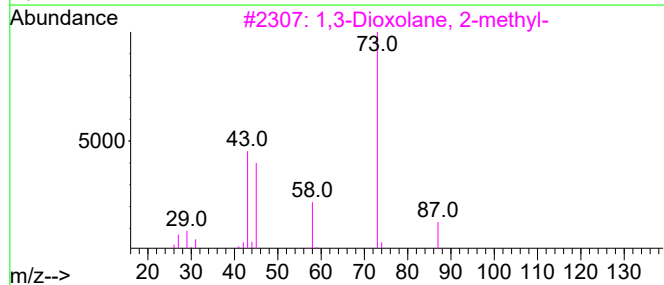
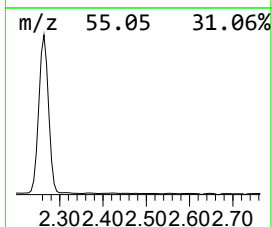
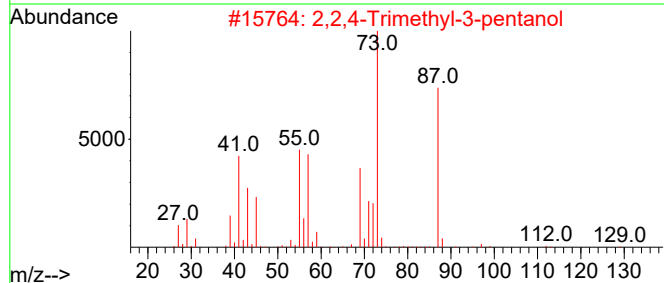
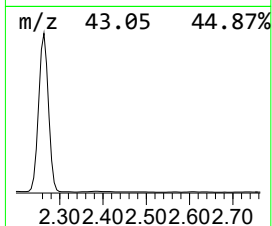
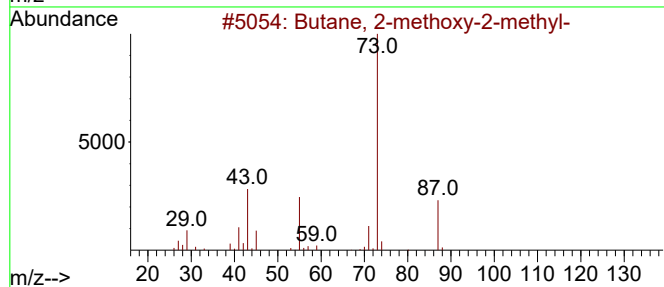
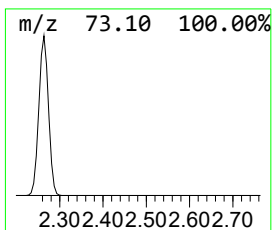
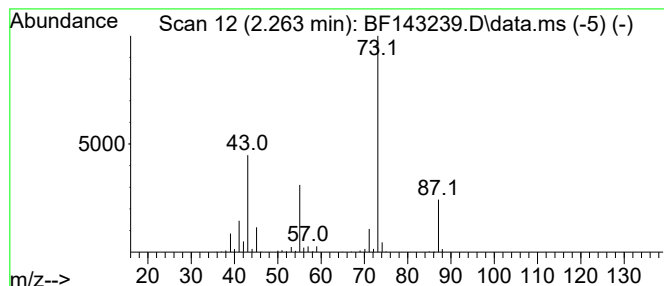
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	15.84 ng	400751	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	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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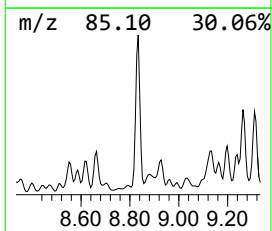
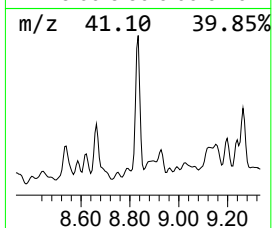
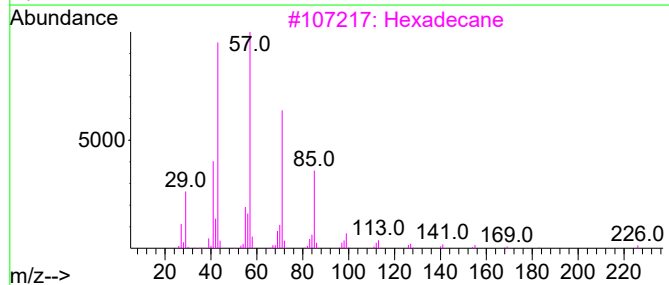
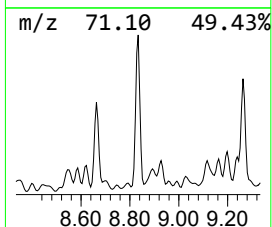
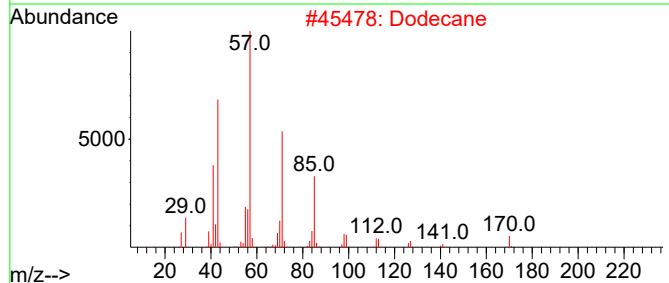
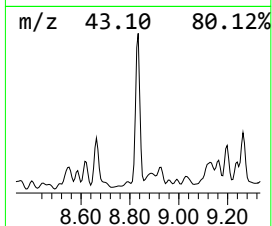
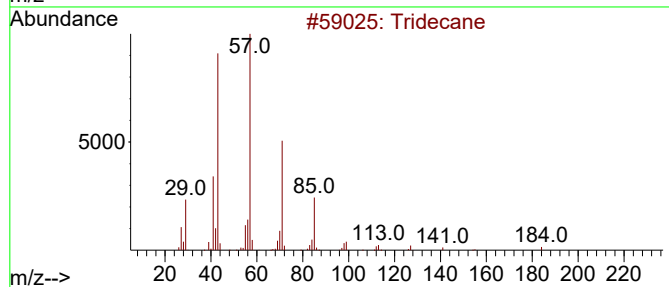
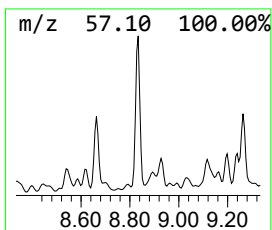
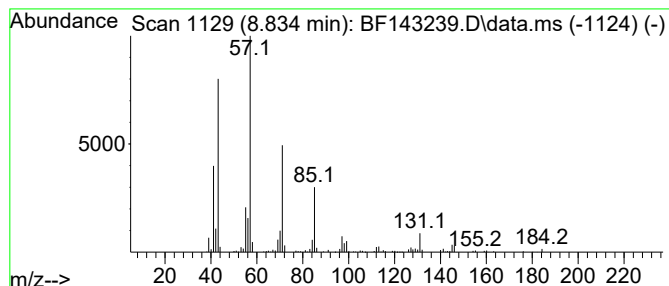
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.834	8.00 ng	399280	Naphthalene-d8	8.240

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Dodecane	170	C12H26	000112-40-3	80
3			Hexadecane	226	C16H34	000544-76-3	80
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	68
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



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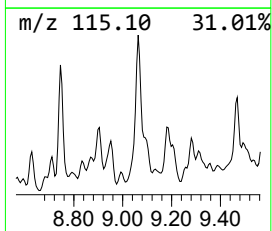
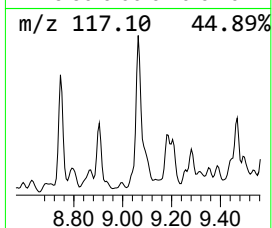
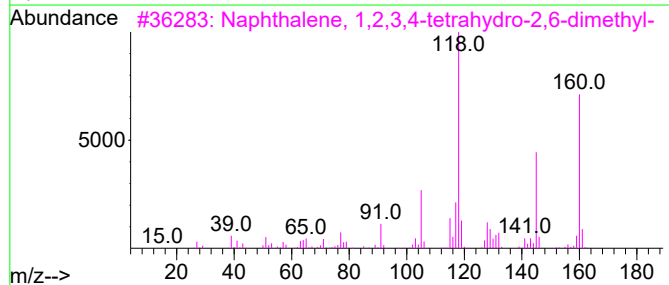
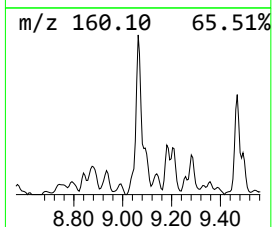
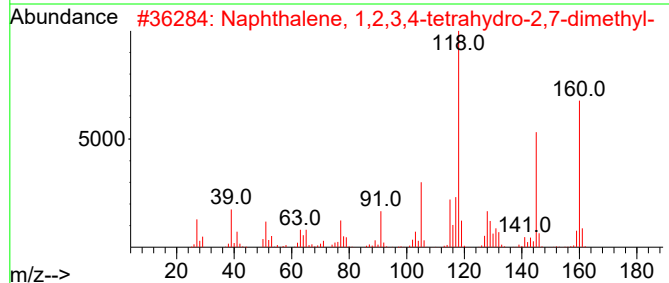
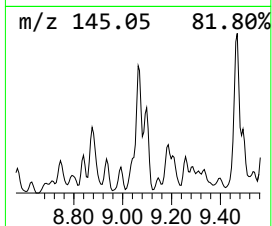
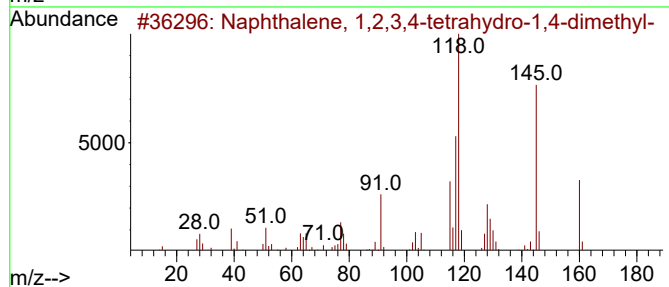
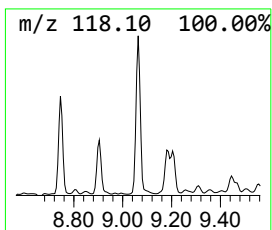
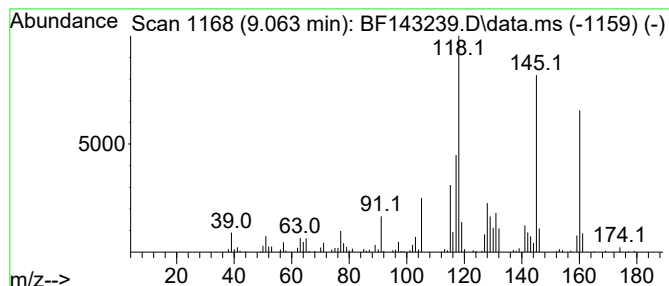
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	5.12 ng	255571	Naphthalene-d8	8.240

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	95
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	93
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55



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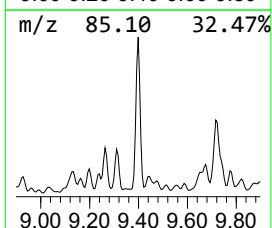
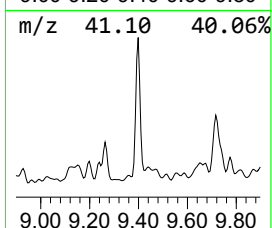
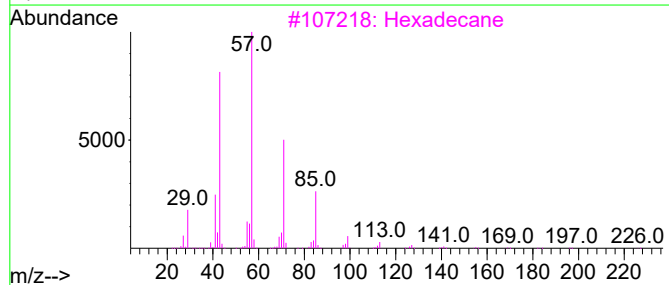
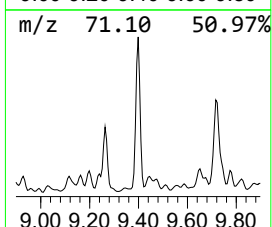
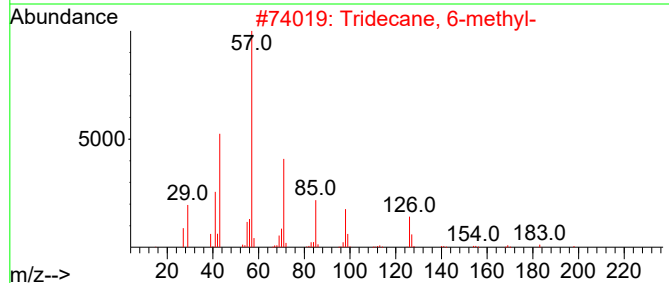
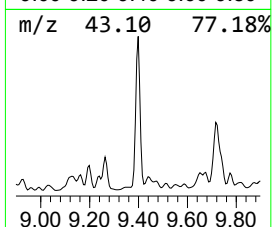
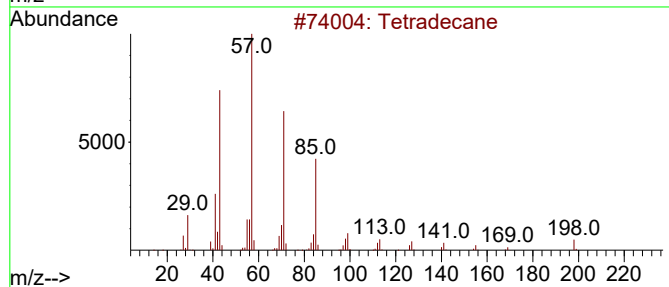
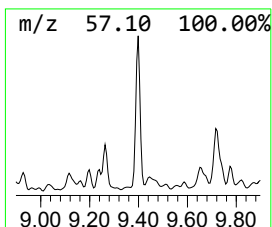
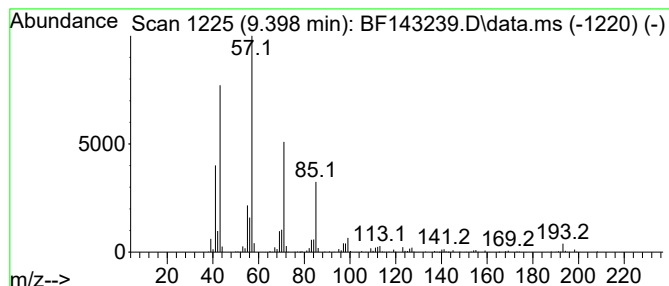
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	20.27 ng	694474	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3			Hexadecane	226	C16H34	000544-76-3	87
4			Undecane	156	C11H24	001120-21-4	87
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-072225

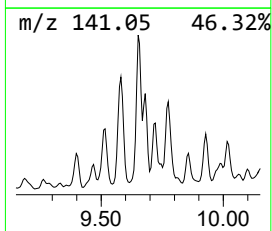
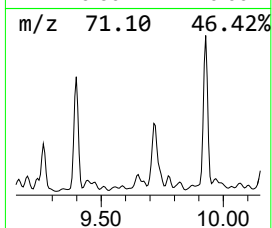
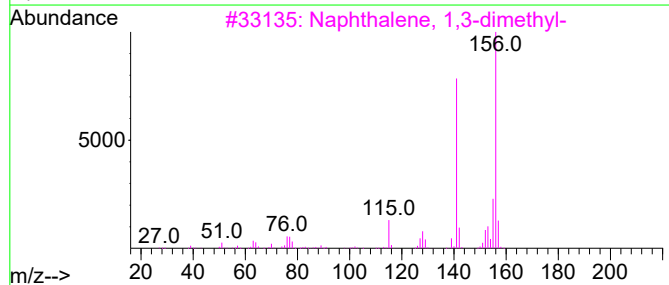
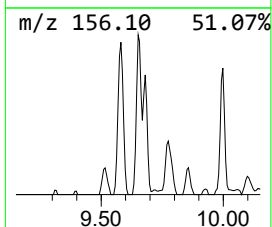
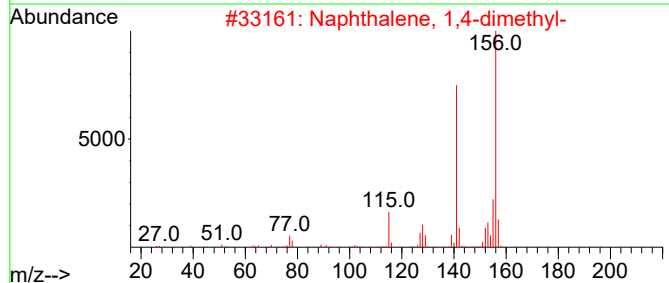
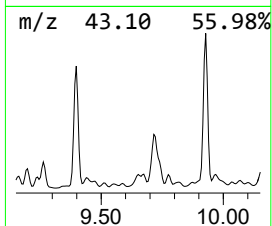
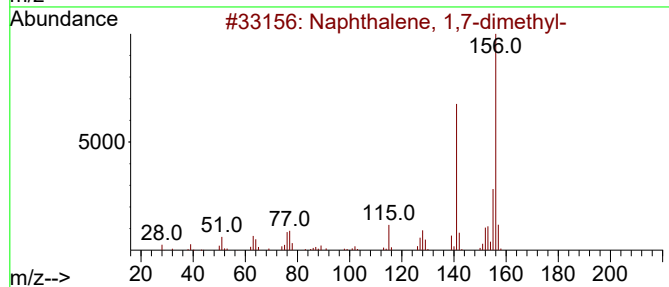
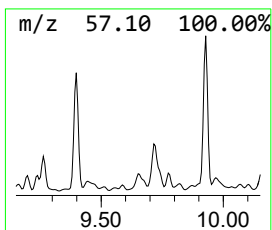
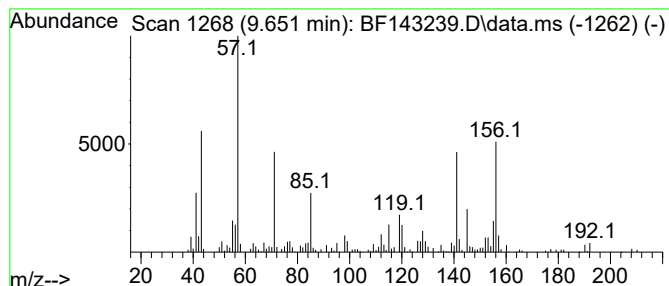
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	6.06 ng	207621	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-072225

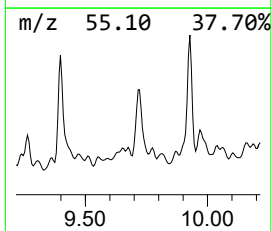
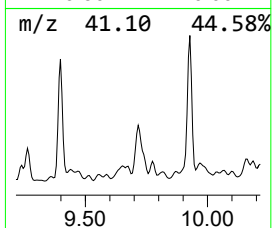
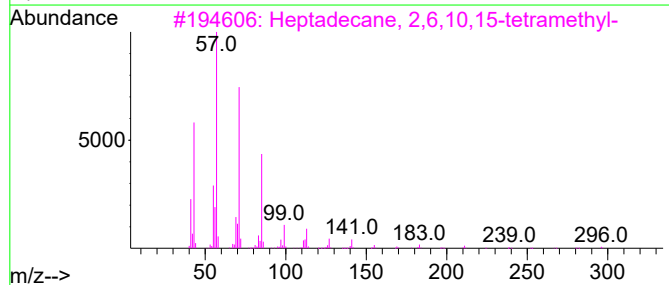
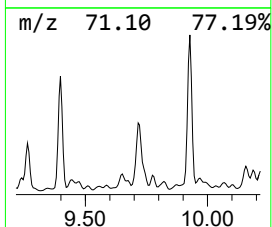
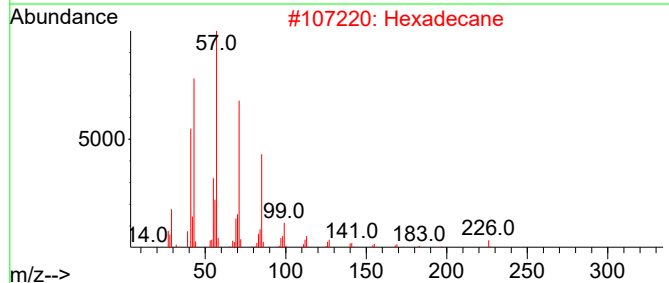
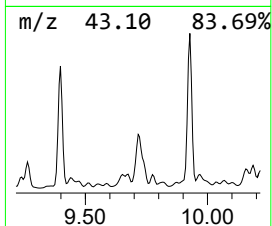
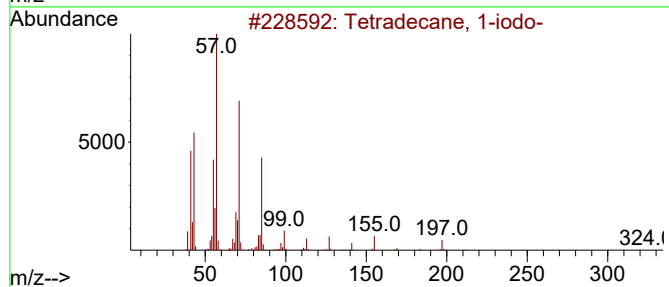
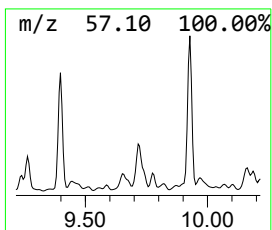
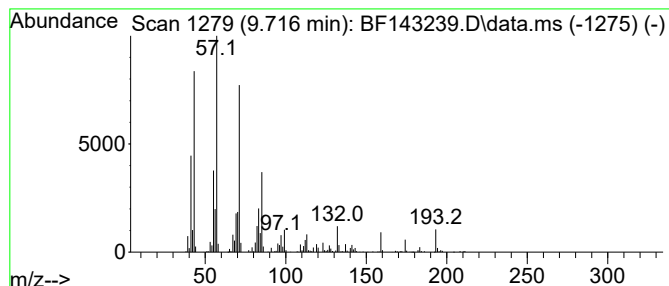
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	17.95 ng	614935	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68
2		Hexadecane	226	C16H34	000544-76-3	64
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-072225

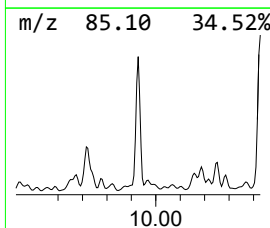
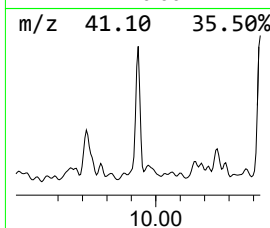
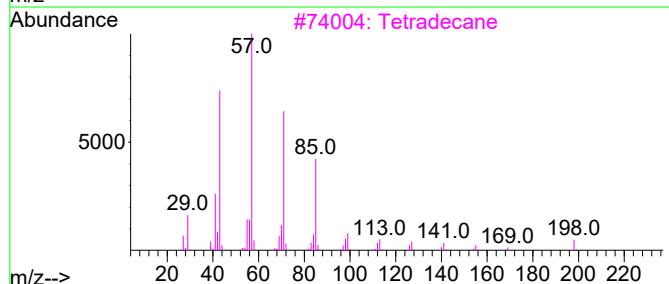
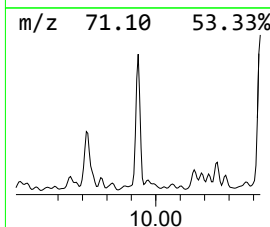
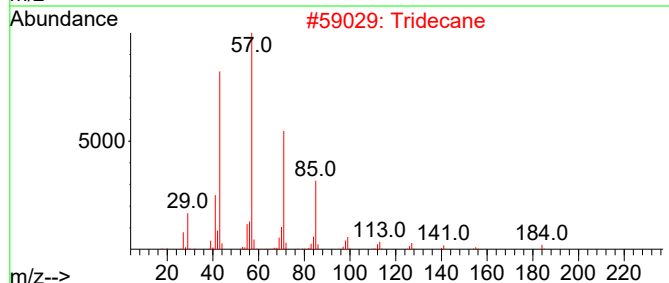
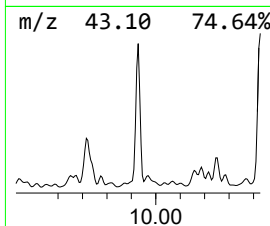
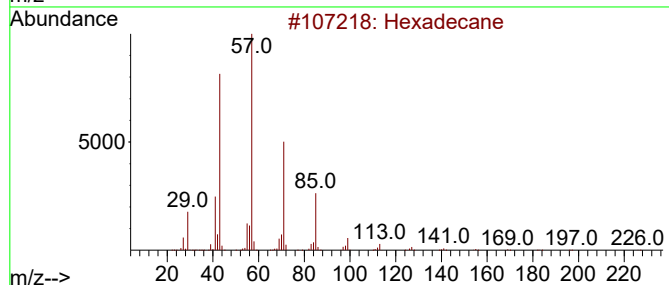
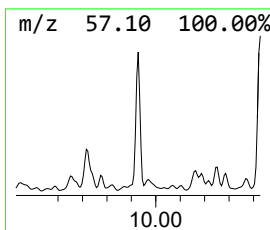
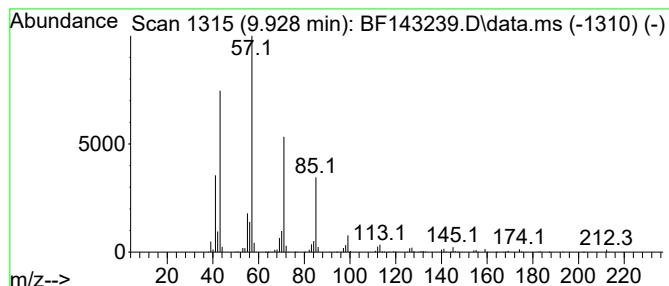
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	22.22 ng	761089	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Undecane	156	C11H24	001120-21-4	86
5			10-Methylnonadecane	282	C20H42	056862-62-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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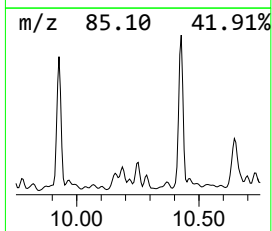
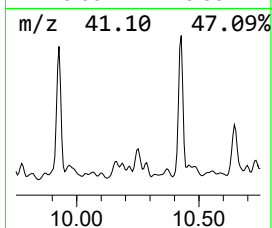
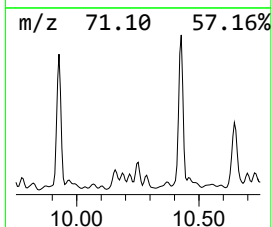
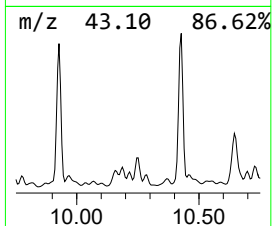
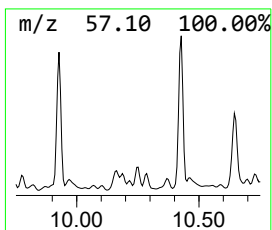
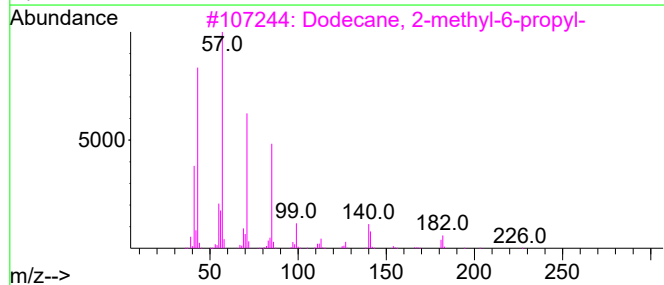
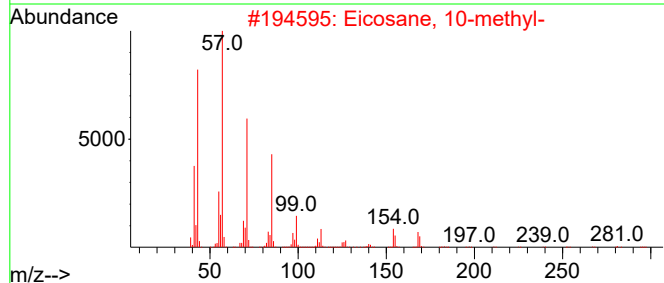
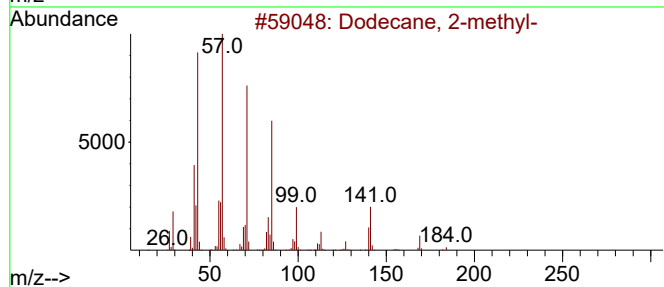
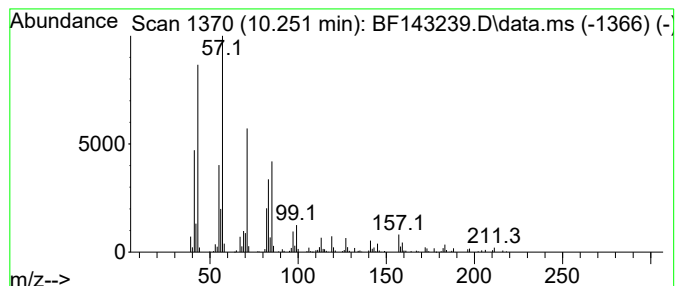
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	5.21 ng	178450	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
4			Hexacosane	366	C26H54	000630-01-3	58
5			Octacosane	394	C28H58	000630-02-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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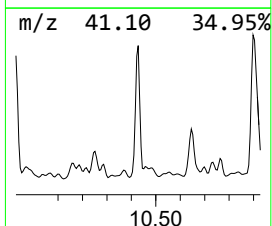
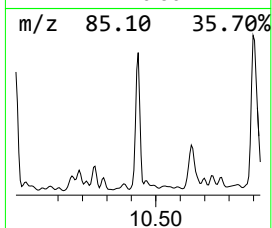
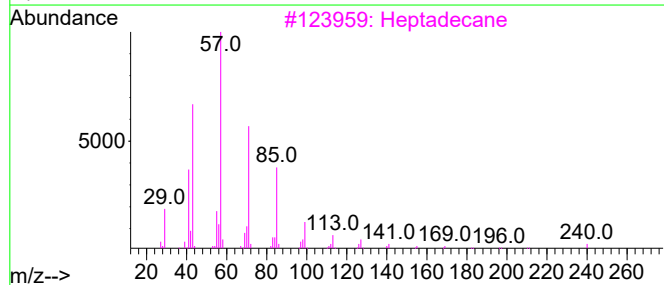
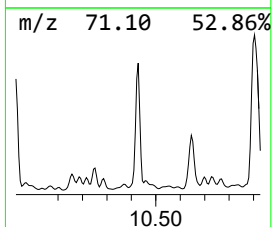
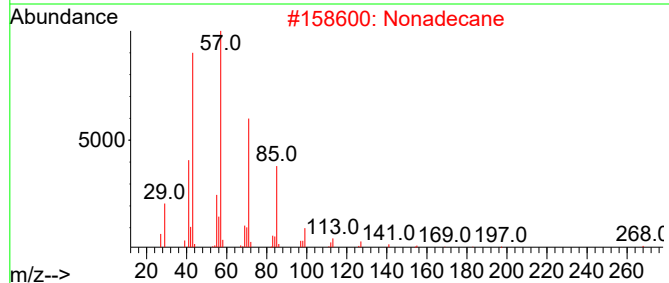
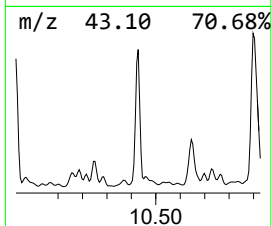
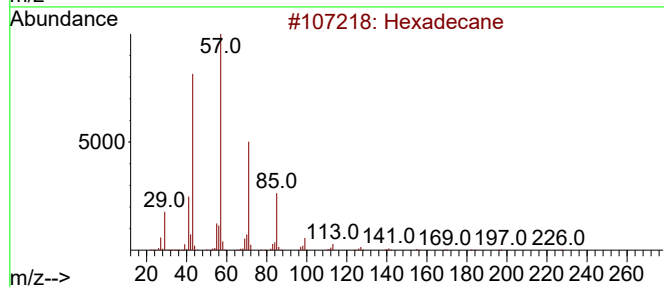
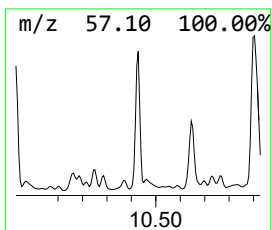
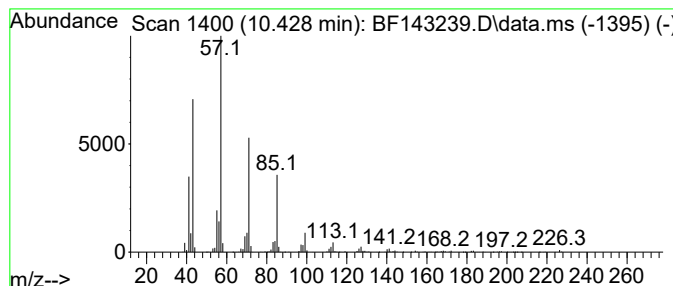
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	26.57 ng	910364	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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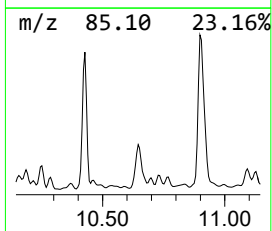
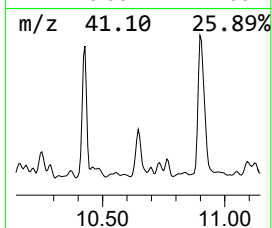
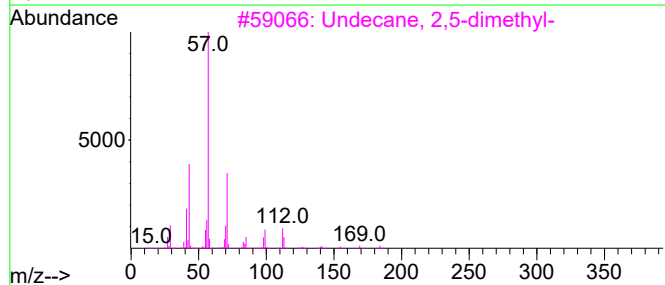
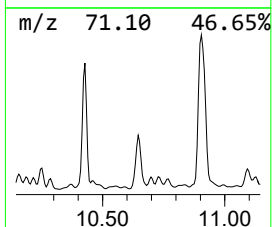
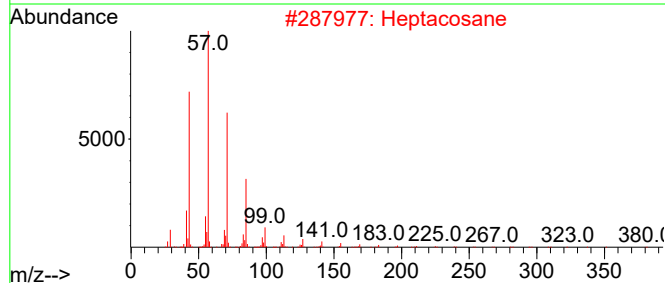
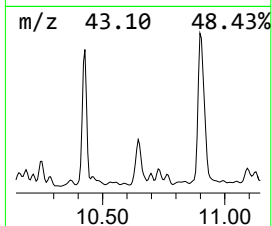
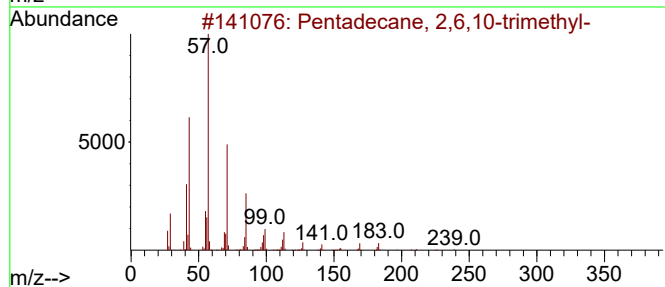
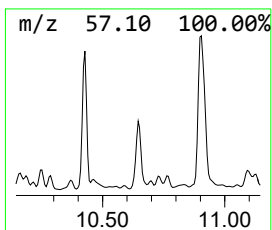
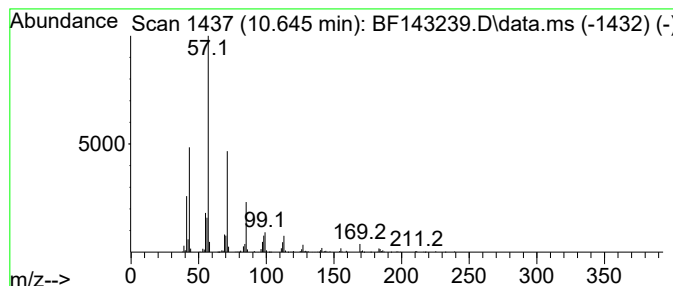
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	14.41 ng	493783	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4			Heneicosane	296	C21H44	000629-94-7	72
5			Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
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Operator : RC/JU
Sample : Q2674-01 2X
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ALS Vial : 18 Sample Multiplier: 1

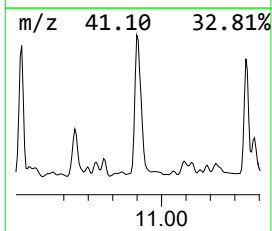
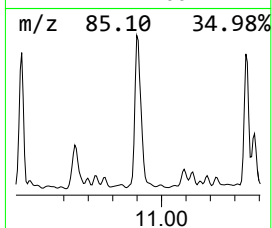
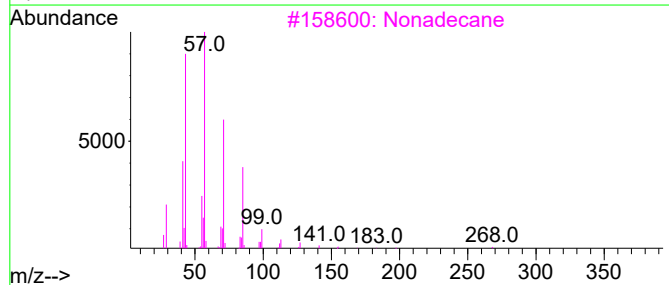
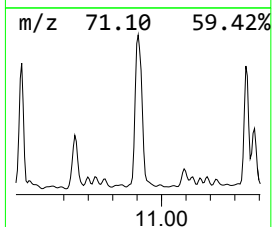
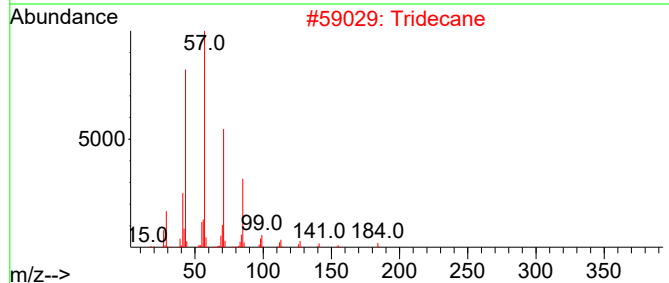
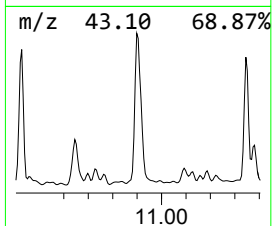
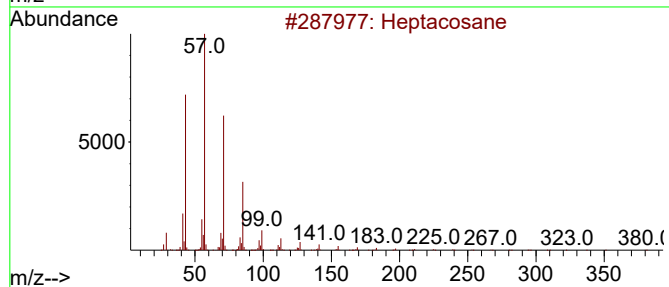
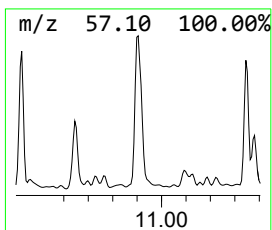
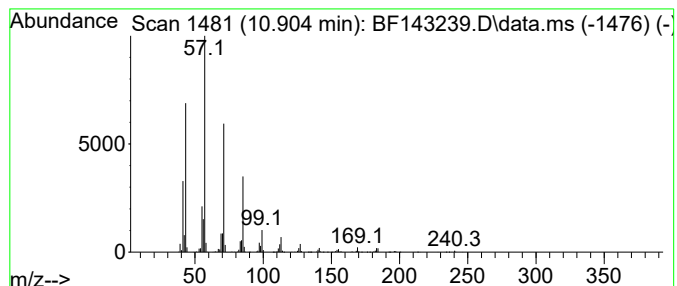
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.904	42.24 ng	1462300	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Tridecane		184	C13H28	000629-50-5	91
3	Nonadecane		268	C19H40	000629-92-5	90
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-072225

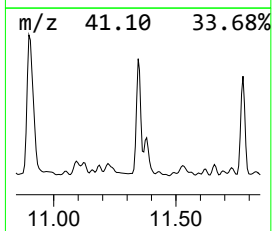
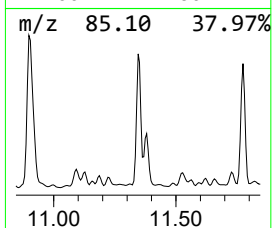
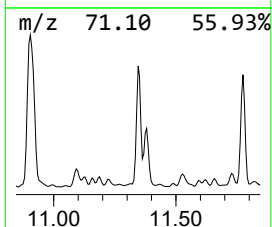
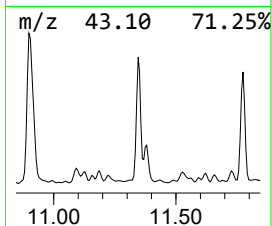
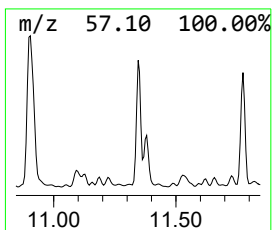
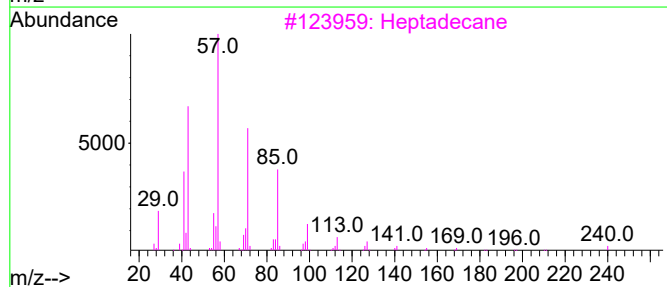
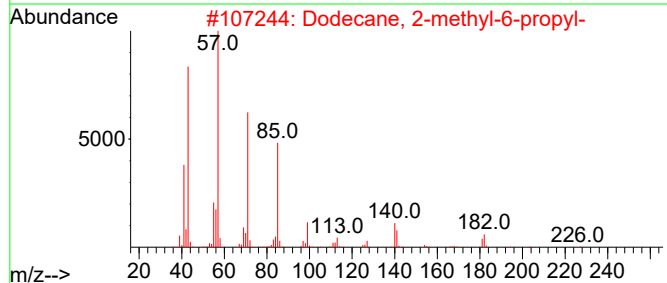
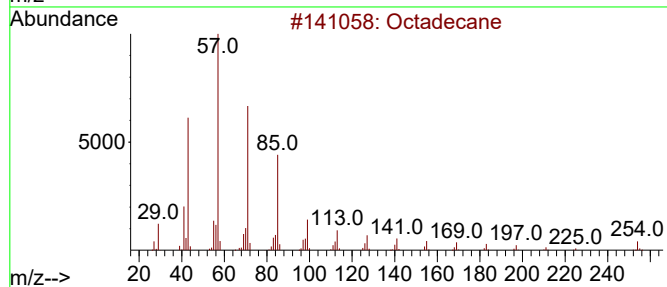
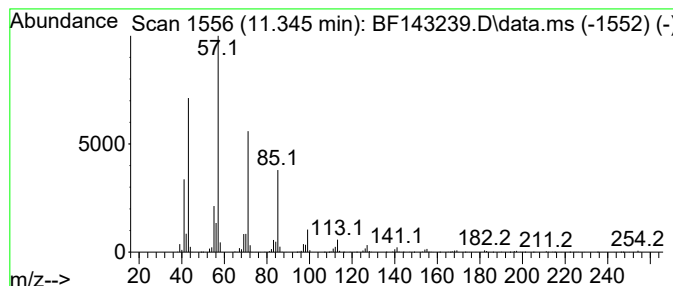
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	24.53 ng	849204	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Heptadecane	240	C17H36	000629-78-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-072225

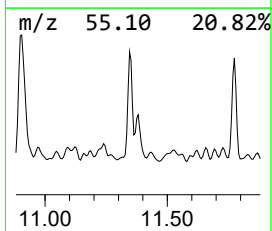
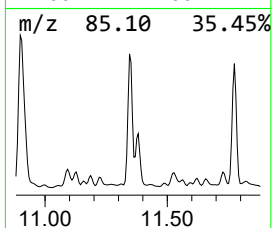
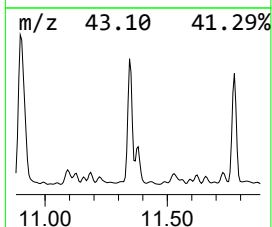
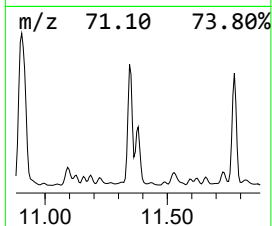
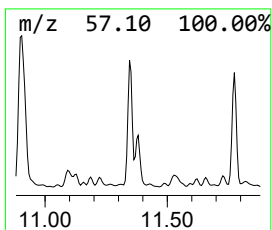
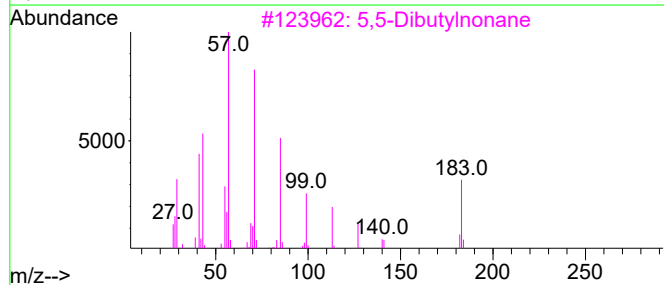
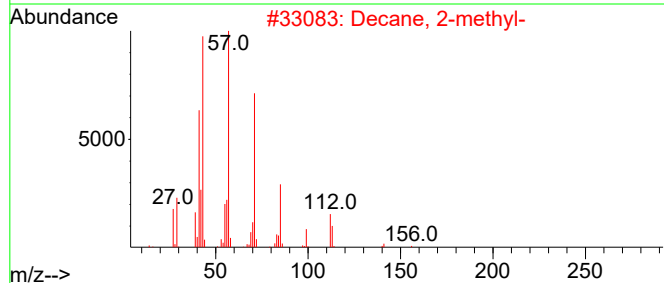
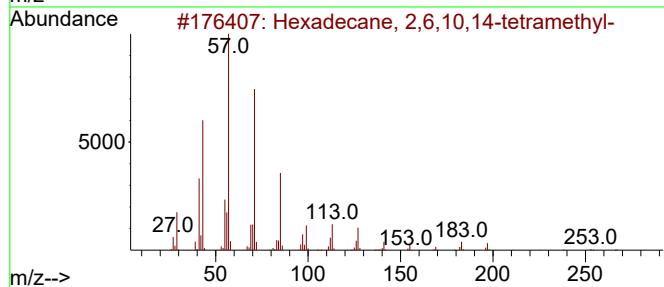
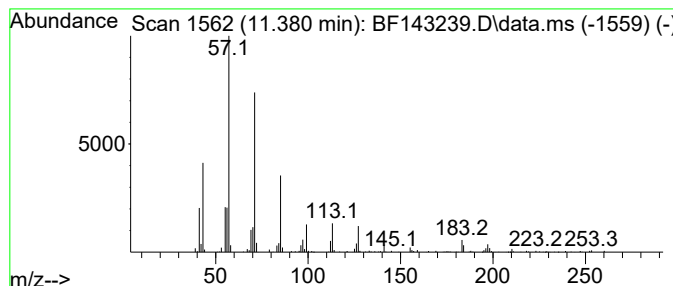
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	11.53 ng	399060	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	90
2			Decane, 2-methyl-	156	C11H24	006975-98-0	87
3			5,5-Dibutylnonane	240	C17H36	006008-17-9	80
4			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

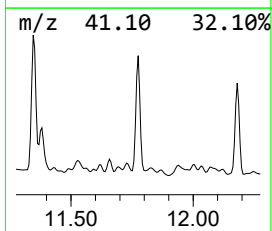
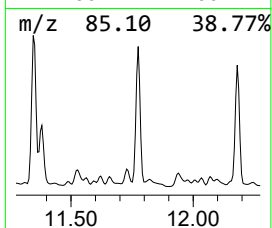
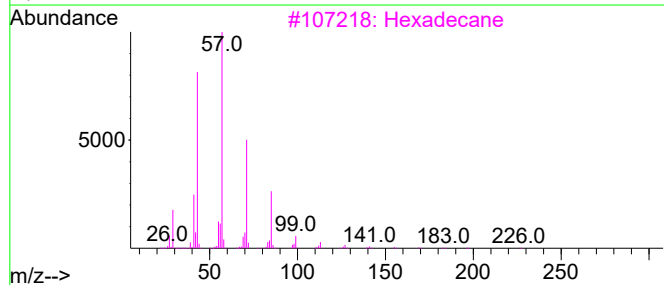
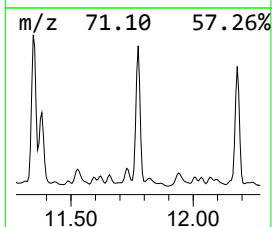
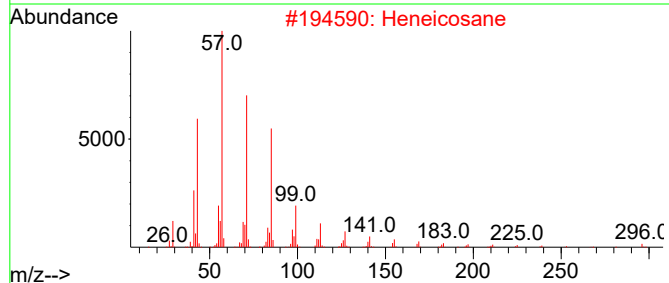
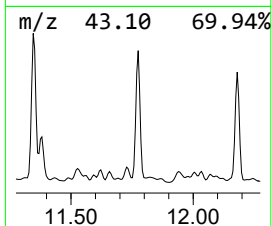
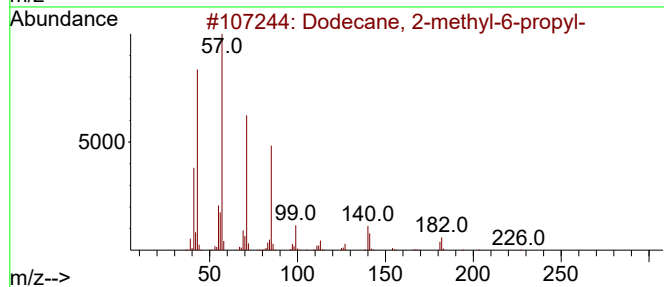
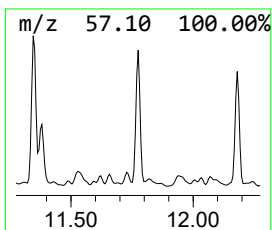
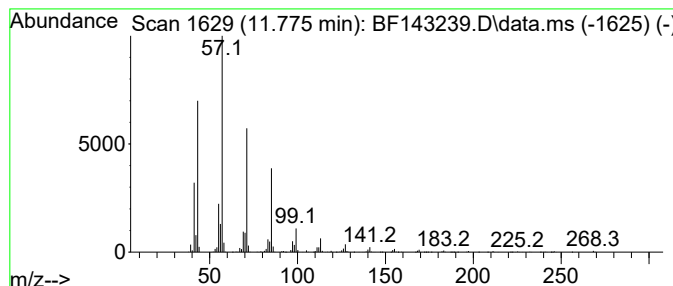
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TR-04-072225

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.775	20.88 ng	722978	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	94
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Eicosane		282	C20H42	000112-95-8	90
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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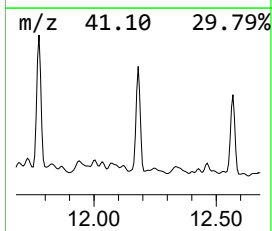
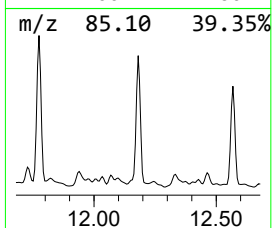
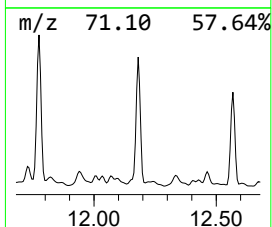
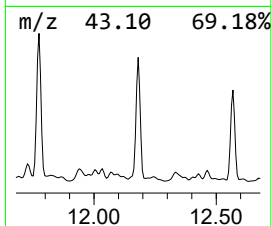
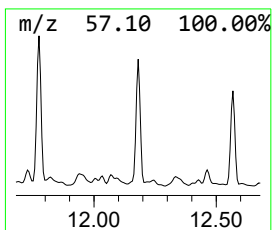
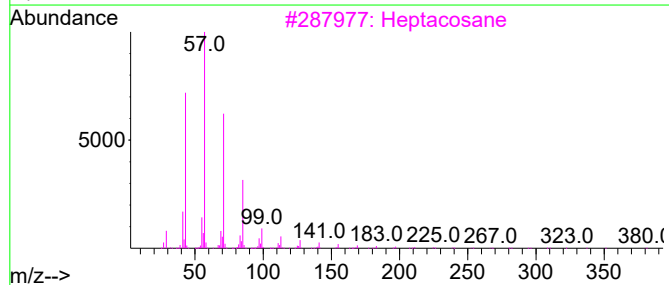
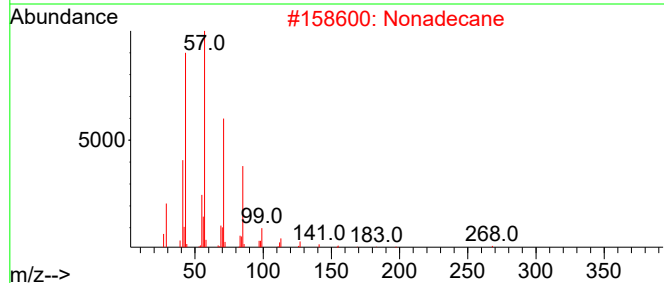
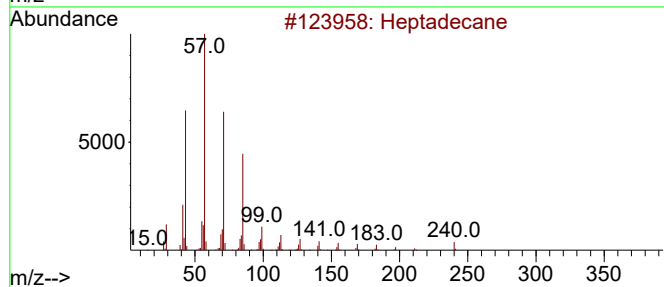
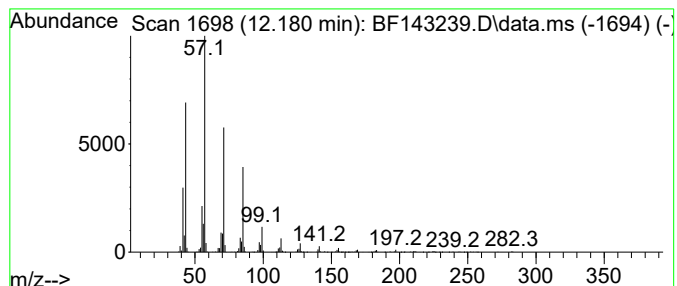
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	17.46 ng	604541	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
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Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

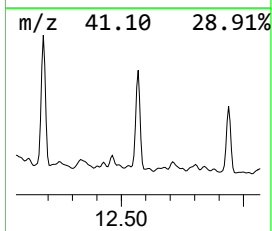
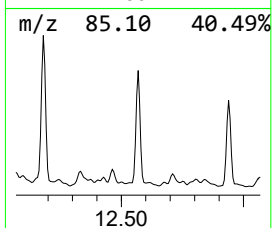
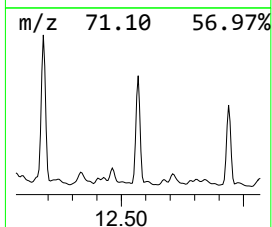
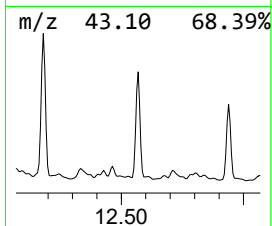
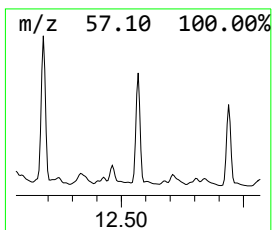
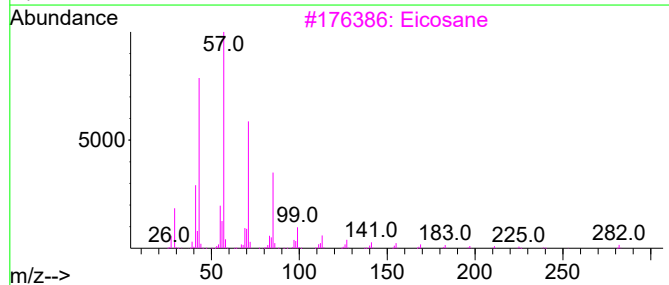
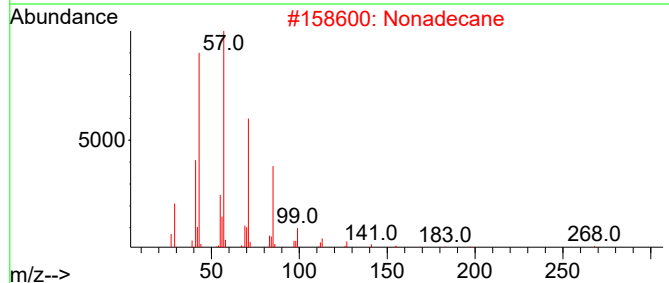
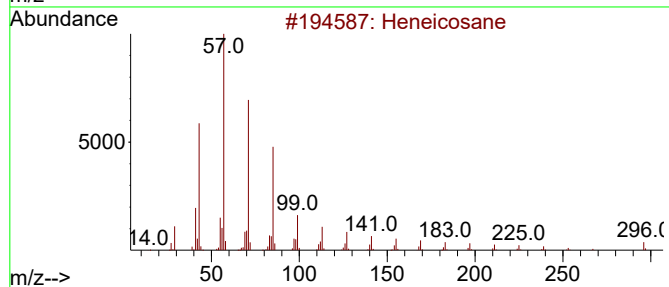
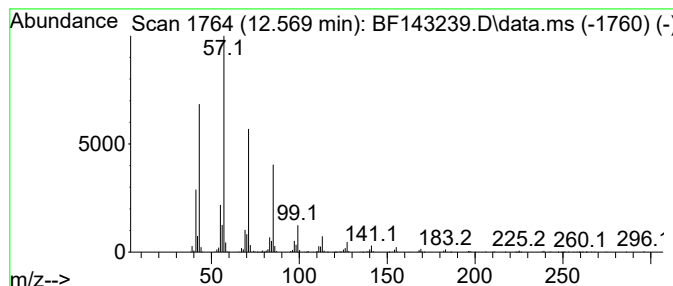
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.569	14.89 ng	515421	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Nonadecane		268	C19H40	000629-92-5	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
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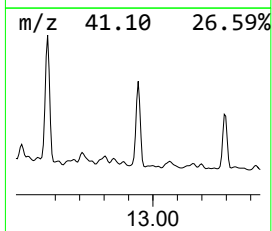
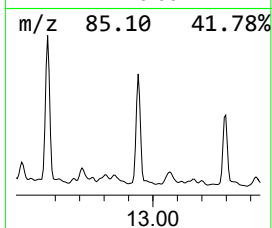
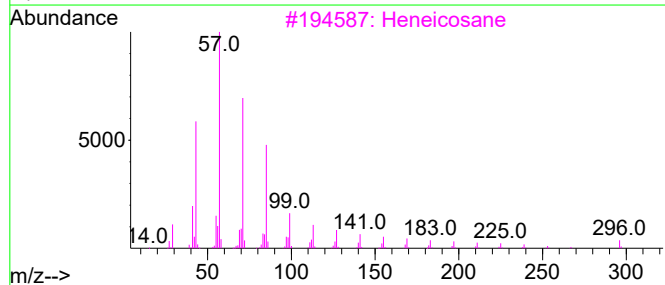
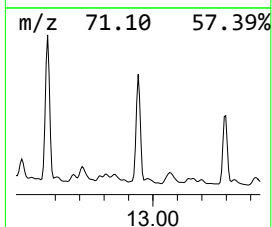
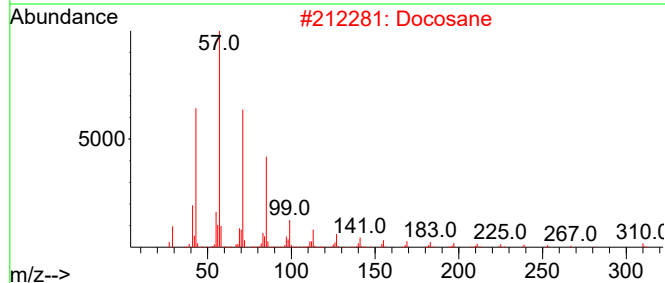
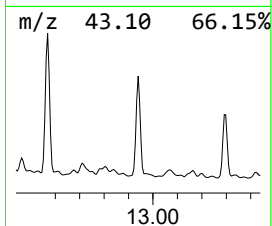
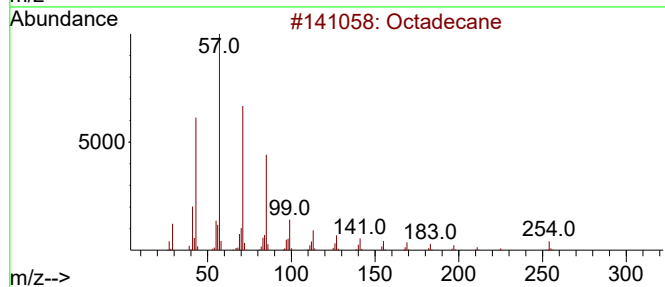
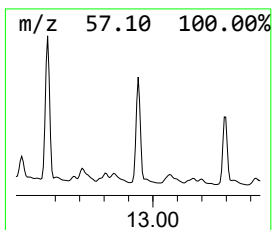
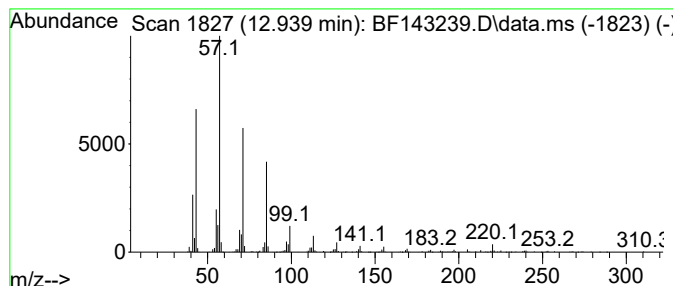
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.939	11.58 ng	369678	Chrysene-d12		14.121	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Docosane		310	C22H46	000629-97-0	94
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tridecane, 2-methyl-		198	C14H30	001560-96-9	87
5	Heptacosane		380	C27H56	000593-49-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

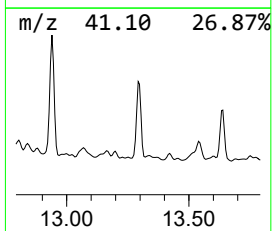
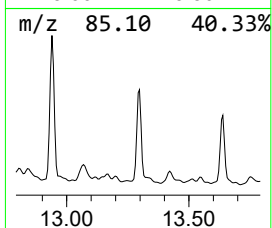
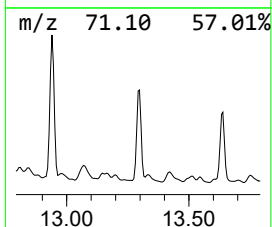
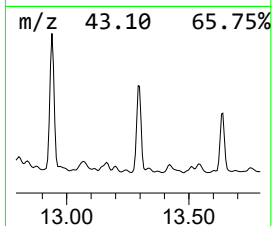
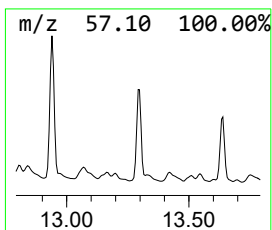
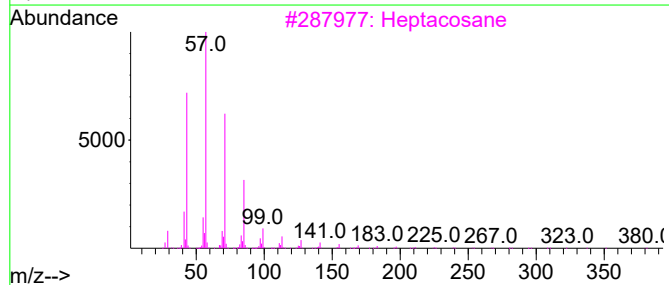
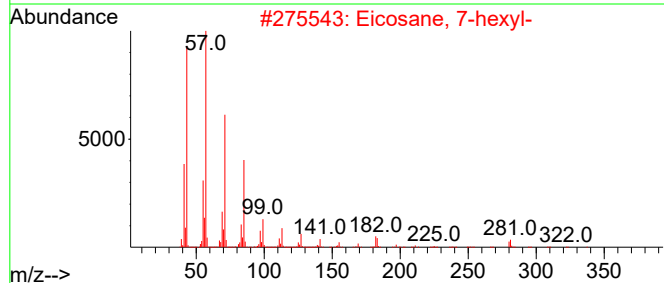
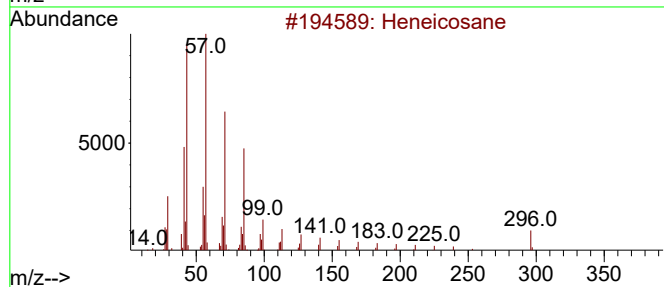
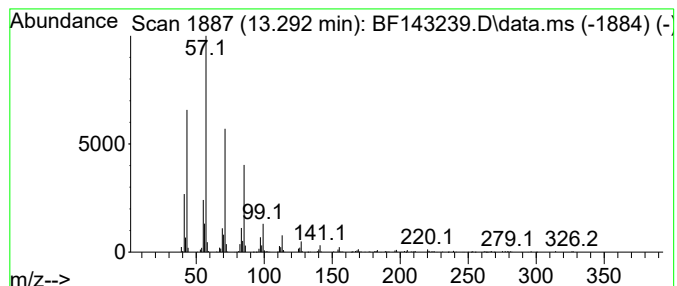
Instrument :
BNA_F
ClientSampleId :
TR-04-072225

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 Eicosane, 7-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.292	7.44 ng	237396	Chrysene-d12		14.121	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Pentacosane		352	C25H52	000629-99-2	91
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

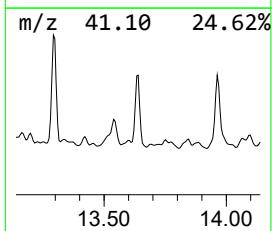
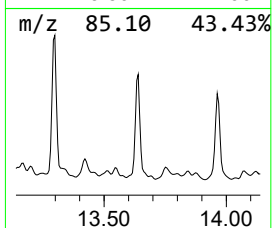
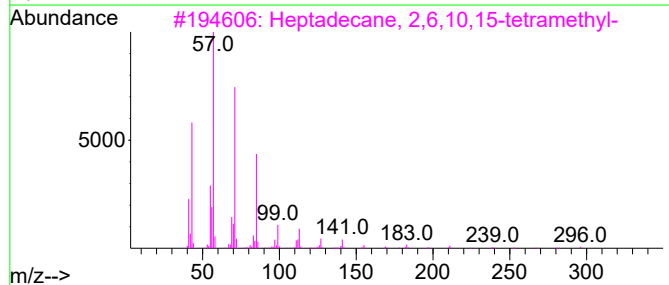
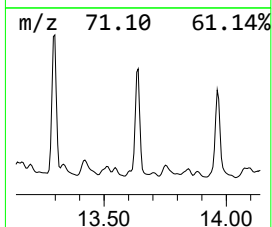
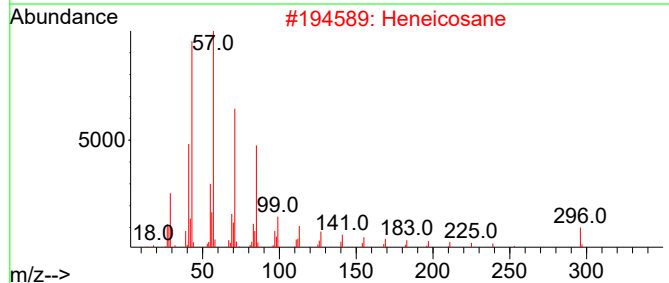
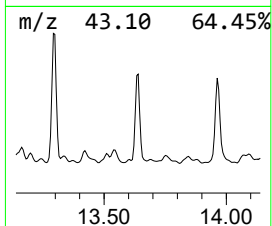
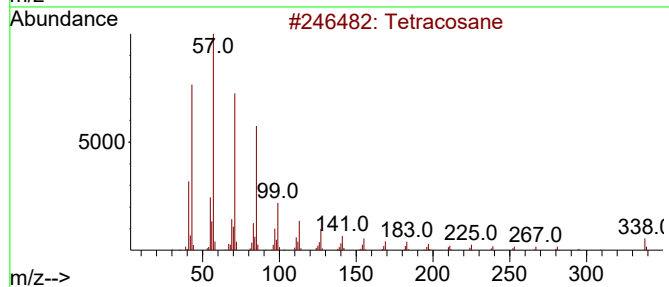
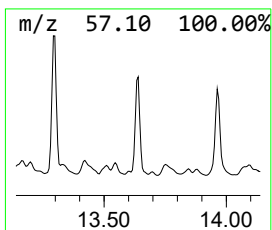
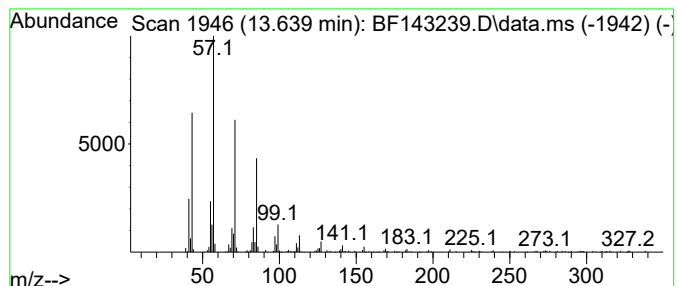
Instrument :
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ClientSampleId :
TR-04-072225

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 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.639	5.14 ng	164211	Chrysene-d12	14.121	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
4	Docosane	310	C22H46	000629-97-0	93
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-072225

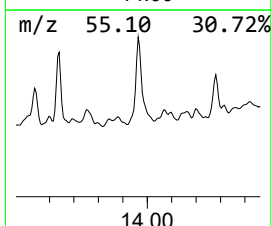
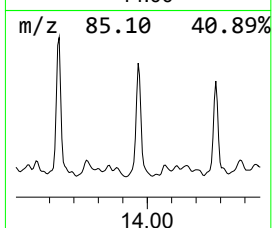
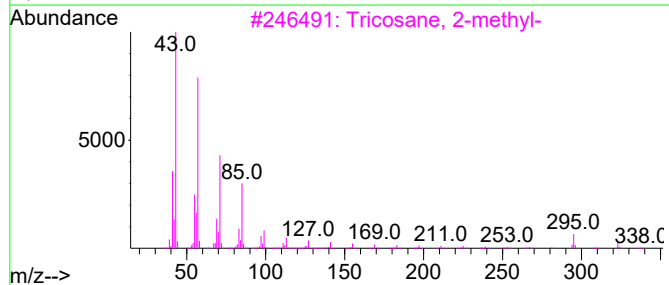
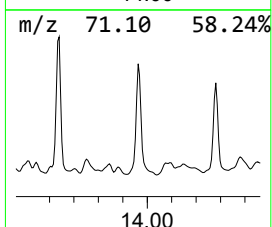
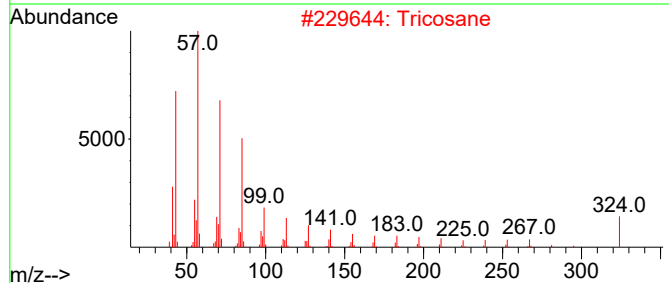
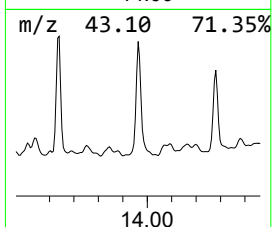
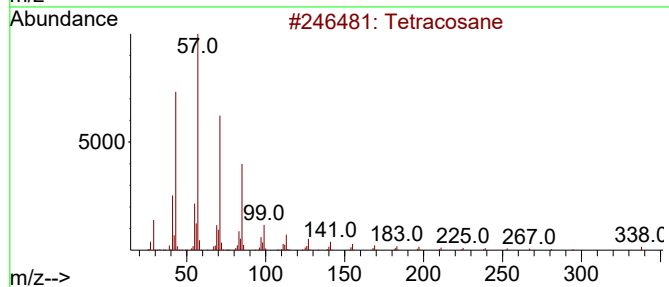
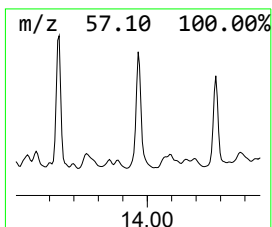
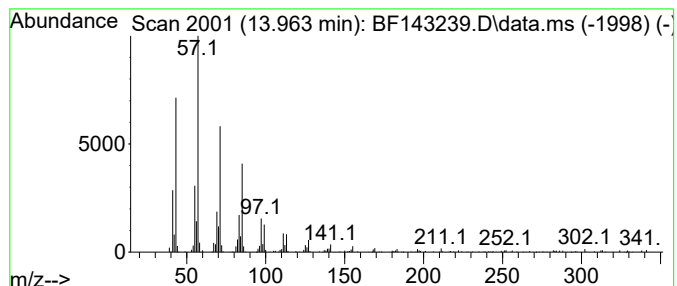
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	7.08 ng	226095	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Tricosane	324	C23H48	000638-67-5	93
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143239.D
Acq On : 24 Jul 2025 17:56
Operator : RC/JU
Sample : Q2674-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-072225

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...	2.263	15.8	ng	400751	1	6.963	505901	20.0
Tridecane	8.834	8.0	ng	399280	2	8.240	998317	20.0
Naphthalene, 1,...	9.063	5.1	ng	255571	2	8.240	998317	20.0
Tetradecane	9.398	20.3	ng	694474	3	9.998	685153	20.0
Naphthalene, 1,...	9.651	6.1	ng	207621	3	9.998	685153	20.0
Tetradecane, 1-...	9.716	17.9	ng	614935	3	9.998	685153	20.0
Hexadecane	9.928	22.2	ng	761089	3	9.998	685153	20.0
Dodecane, 2-met...	10.251	5.2	ng	178450	3	9.998	685153	20.0
Nonadecane	10.428	26.6	ng	910364	3	9.998	685153	20.0
Pentadecane, 2,...	10.645	14.4	ng	493783	3	9.998	685153	20.0
Heptacosane	10.904	42.2	ng	1462300	4	11.480	692407	20.0
Octadecane	11.345	24.5	ng	849204	4	11.480	692407	20.0
Hexadecane, 2,6...	11.381	11.5	ng	399060	4	11.480	692407	20.0
Dodecane, 2-met...	11.775	20.9	ng	722978	4	11.480	692407	20.0
Heptadecane	12.180	17.5	ng	604541	4	11.480	692407	20.0
Heneicosane	12.569	14.9	ng	515421	4	11.480	692407	20.0
Docosane	12.939	11.6	ng	369678	5	14.121	638553	20.0
Eicosane, 7-hexyl-	13.292	7.4	ng	237396	5	14.121	638553	20.0
Tetracosane	13.639	5.1	ng	164211	5	14.121	638553	20.0
Tricosane	13.963	7.1	ng	226095	5	14.121	638553	20.0