

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141969.D
 Acq On : 14 Mar 2025 17:07
 Operator : RC/JU
 Sample : Q1568-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-03132025

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	16	rVB	437714	649365	44.84%	3.545%
2	3.957	309	317	325	rBV	8048	15146	1.05%	0.083%
3	5.487	571	577	589	rBV	722488	944433	65.21%	5.156%
4	6.493	742	748	757	rBV	645770	839082	57.94%	4.581%
5	6.710	781	785	790	rBV3	10057	16604	1.15%	0.091%
6	6.875	808	813	820	rBV	498728	641318	44.28%	3.501%
7	6.934	820	823	829	rVB3	13696	16746	1.16%	0.091%
8	7.128	850	856	857	rBV	12457	15675	1.08%	0.086%
9	7.151	857	860	863	rVV	16612	20256	1.40%	0.111%
10	7.192	863	867	875	rVB	25137	38433	2.65%	0.210%
11	7.269	875	880	884	rBV3	16727	25660	1.77%	0.140%
12	7.434	899	908	913	rBV	430121	614922	42.46%	3.357%
13	7.522	918	923	927	rBV4	22166	31548	2.18%	0.172%
14	7.645	938	944	946	rBV2	19162	27800	1.92%	0.152%
15	7.681	946	950	960	rVB3	36595	73220	5.06%	0.400%
16	7.763	960	964	965	rBV2	16330	20320	1.40%	0.111%
17	7.804	968	971	974	rBV3	15863	19448	1.34%	0.106%
18	7.898	980	987	990	rBV3	40283	74787	5.16%	0.408%
19	7.975	994	1000	1002	rBV3	14454	23418	1.62%	0.128%
20	8.028	1006	1009	1012	rVB	19494	21151	1.46%	0.115%
21	8.063	1012	1015	1018	rBV2	12769	14748	1.02%	0.081%
22	8.157	1018	1031	1037	rBV	579201	891993	61.59%	4.870%
23	8.210	1037	1040	1044	rVB2	35386	49431	3.41%	0.270%
24	8.245	1044	1046	1053	rVB4	21227	28467	1.97%	0.155%
25	8.334	1054	1061	1062	rBV4	20589	36912	2.55%	0.202%
26	8.357	1062	1065	1069	rVB3	23485	29820	2.06%	0.163%
27	8.404	1070	1073	1076	rBV3	12822	15741	1.09%	0.086%
28	8.451	1076	1081	1085	rBV6	38352	59376	4.10%	0.324%
29	8.504	1087	1090	1093	rBV4	14865	14706	1.02%	0.080%
30	8.539	1093	1096	1099	rBV3	34218	40608	2.80%	0.222%
31	8.575	1099	1102	1105	rBV	25129	30913	2.13%	0.169%
32	8.663	1113	1117	1121	rBV3	75544	104902	7.24%	0.573%
33	8.745	1127	1131	1135	rBV2	106776	139427	9.63%	0.761%
34	8.816	1140	1143	1146	rVV	24729	32262	2.23%	0.176%
35	8.910	1155	1159	1161	rBV3	17546	25081	1.73%	0.137%
36	8.981	1166	1171	1175	rVV4	81197	125299	8.65%	0.684%

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37	9.104	1189	1192	1197	rVB3	45835	78452	5.42%	0.428%
38	9.175	1197	1204	1209	rBV4	63388	123781	8.55%	0.676%
39	9.228	1209	1213	1218	rVB	771311	942658	65.09%	5.146%
40	9.310	1223	1227	1231	rBV	187160	244167	16.86%	1.333%
41	9.381	1236	1239	1243	rVB	57745	69180	4.78%	0.378%
42	9.569	1264	1271	1272	rBV4	60948	125183	8.64%	0.683%
43	9.628	1277	1281	1284	rBV3	108503	162165	11.20%	0.885%
44	9.686	1289	1291	1296	rVB3	63977	80276	5.54%	0.438%
45	9.839	1313	1317	1321	rVB	228719	275215	19.00%	1.502%
46	9.910	1324	1329	1333	rVB	581917	718908	49.64%	3.925%
47	10.016	1344	1347	1351	rVB	33899	39784	2.75%	0.217%
48	10.075	1353	1357	1358	rBV	46309	60642	4.19%	0.331%
49	10.163	1368	1372	1376	rBV4	65797	93467	6.45%	0.510%
50	10.233	1381	1384	1390	rBV6	31088	68865	4.76%	0.376%
51	10.339	1397	1402	1406	rBV	304215	391075	27.00%	2.135%
52	10.557	1435	1439	1445	rVB	127880	203869	14.08%	1.113%
53	10.622	1445	1450	1457	rBV	209118	304713	21.04%	1.664%
54	10.692	1457	1462	1467	rBV	477082	643026	44.40%	3.510%
55	10.816	1478	1483	1491	rVB	356284	578717	39.96%	3.159%
56	11.263	1554	1559	1562	rBV	309296	434663	30.01%	2.373%
57	11.292	1562	1564	1570	rVB	163734	199645	13.79%	1.090%
58	11.398	1577	1582	1593	rBV	640016	1005658	69.44%	5.490%
59	11.686	1627	1631	1636	rBV	286568	348895	24.09%	1.905%
60	11.851	1656	1659	1664	rBV4	38281	75304	5.20%	0.411%
61	11.922	1667	1671	1675	rVV2	189751	258941	17.88%	1.414%
62	12.092	1696	1700	1705	rBV	265488	325622	22.48%	1.778%
63	12.480	1763	1766	1772	rVB	206012	263738	18.21%	1.440%
64	12.610	1784	1788	1793	rBV	154021	209885	14.49%	1.146%
65	12.704	1800	1804	1810	rBV3	59477	108303	7.48%	0.591%
66	12.851	1822	1829	1834	rBV2	168869	382607	26.42%	2.089%
67	12.980	1846	1851	1859	rVB	1102978	1448241	100.00%	7.906%
68	13.210	1887	1890	1896	rVB2	95499	121959	8.42%	0.666%
69	13.551	1945	1948	1952	rBV	73880	115579	7.98%	0.631%
70	13.880	2001	2004	2014	rVB2	131200	224195	15.48%	1.224%
71	14.033	2025	2030	2041	rVB	739921	1082873	74.77%	5.912%
72	15.504	2276	2280	2292	rVB	391090	738170	50.97%	4.030%

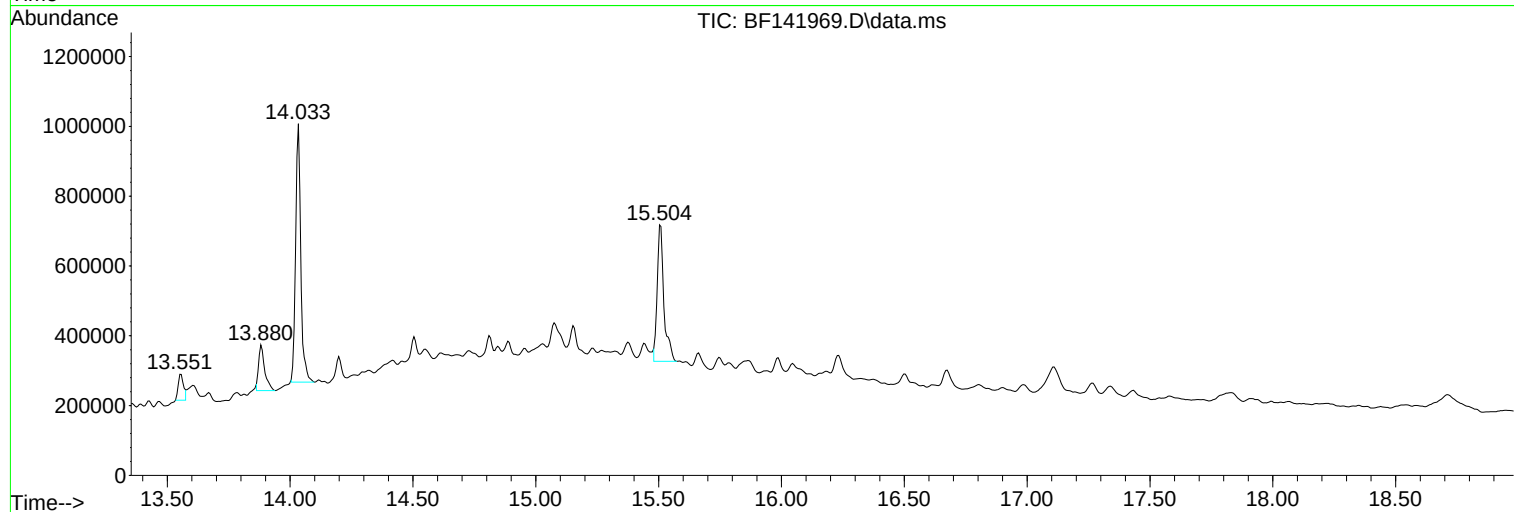
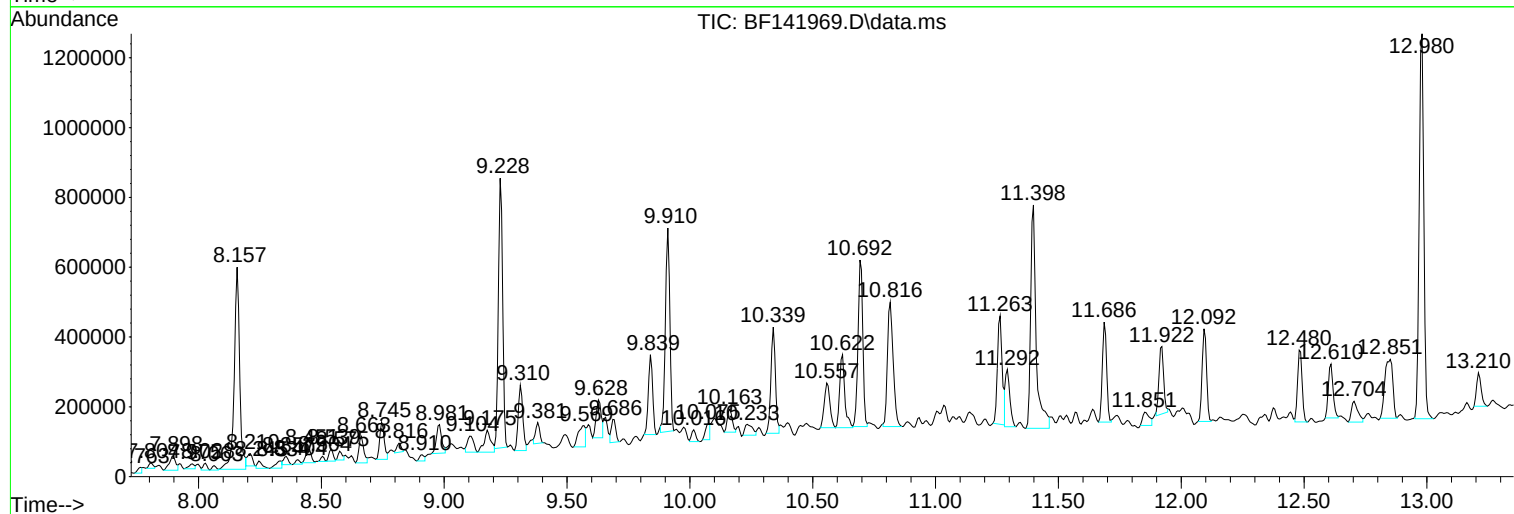
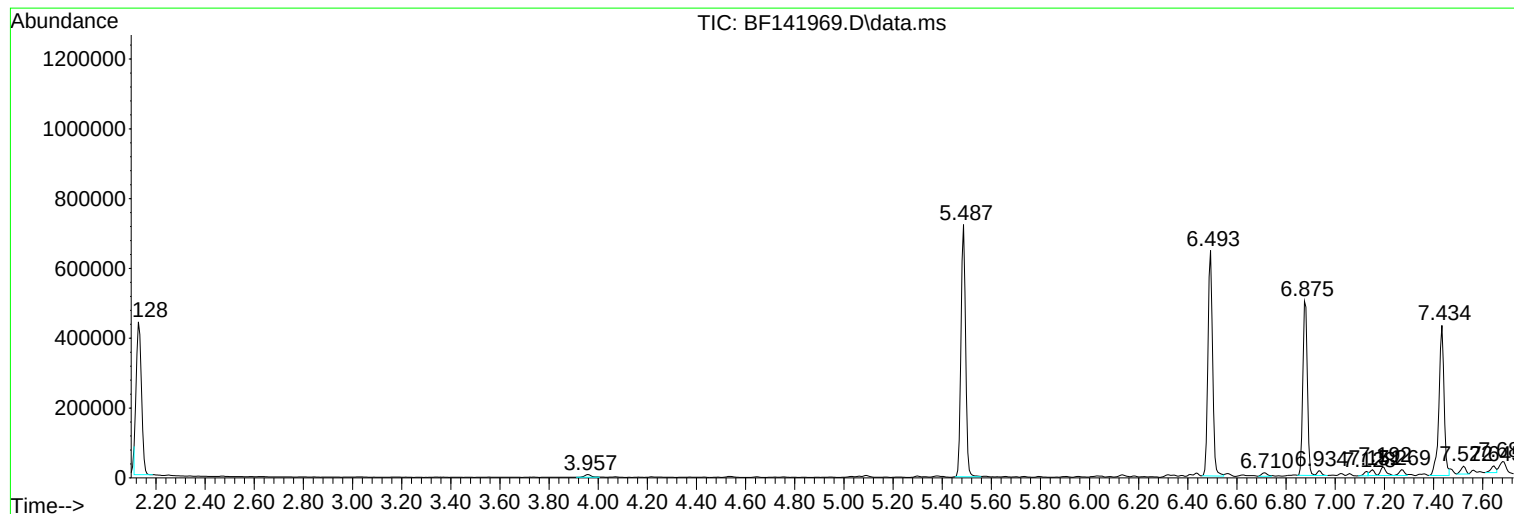
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : Q1568-01 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

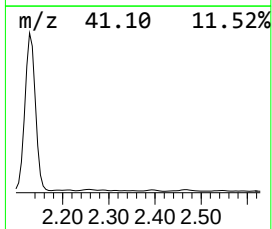
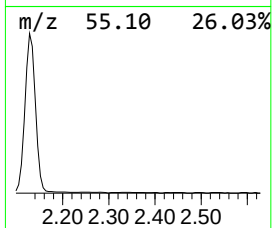
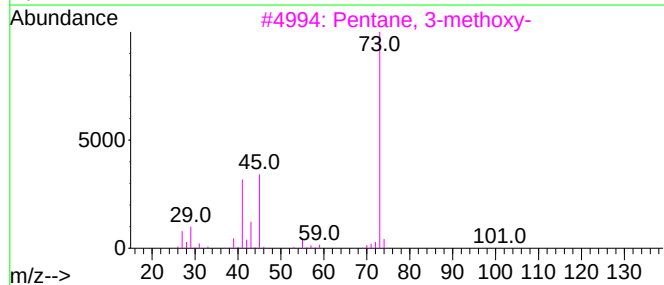
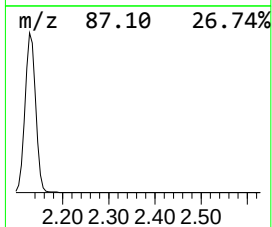
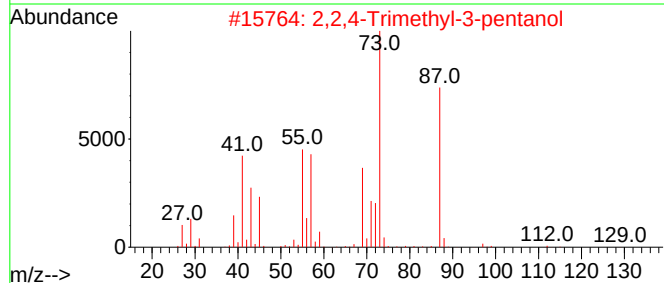
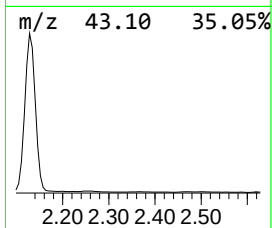
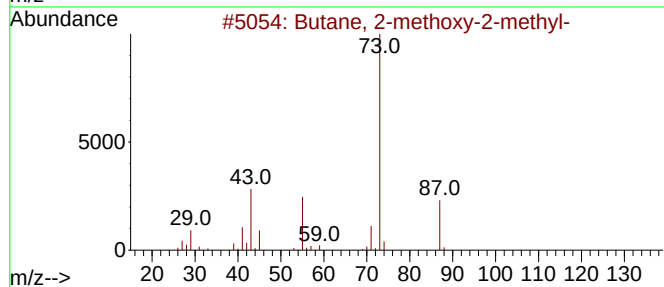
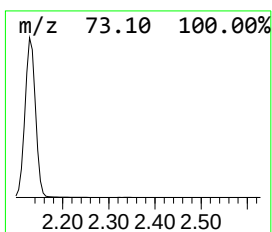
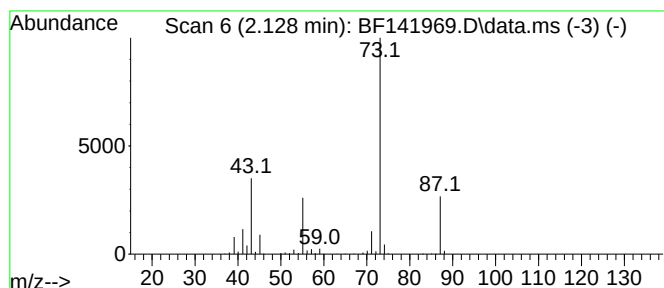
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	20.25 ng	649365	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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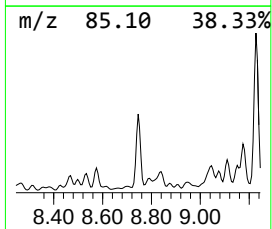
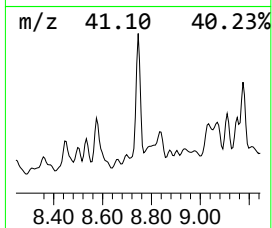
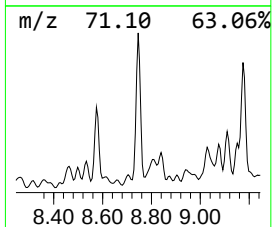
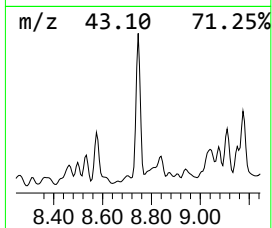
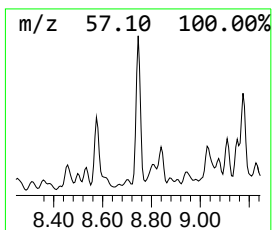
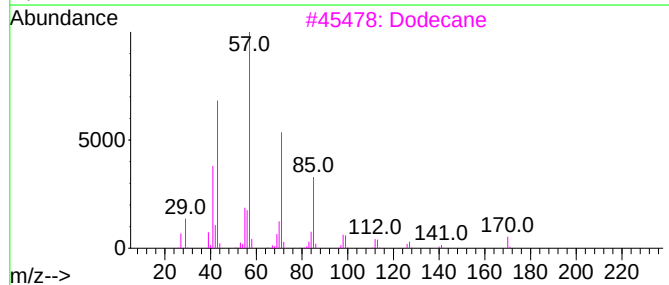
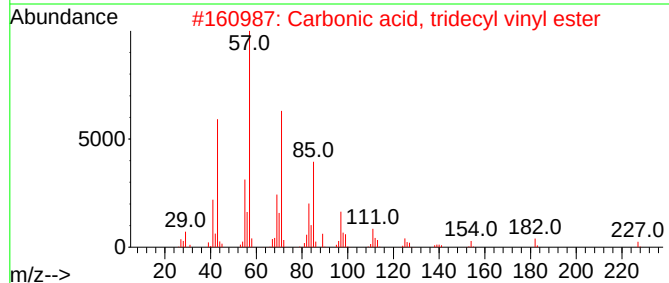
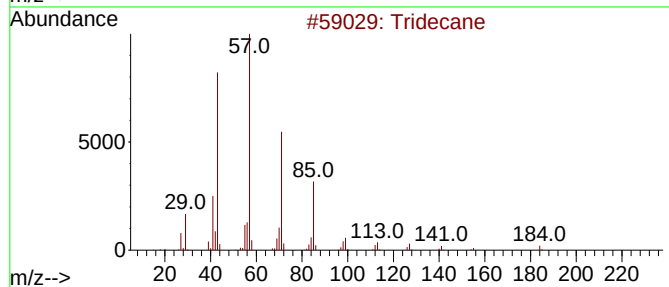
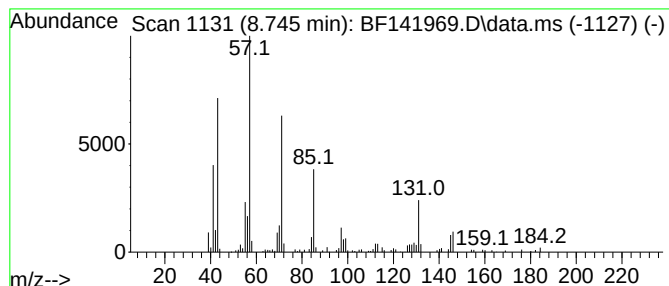
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	3.13 ng	139427	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	58
3			Dodecane	170	C12H26	000112-40-3	49
4			Pentadecane	212	C15H32	000629-62-9	49
5			Tetradecane	198	C14H30	000629-59-4	49



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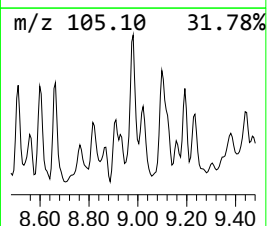
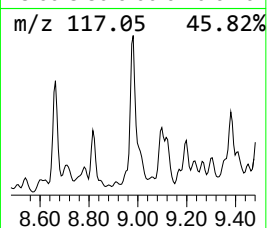
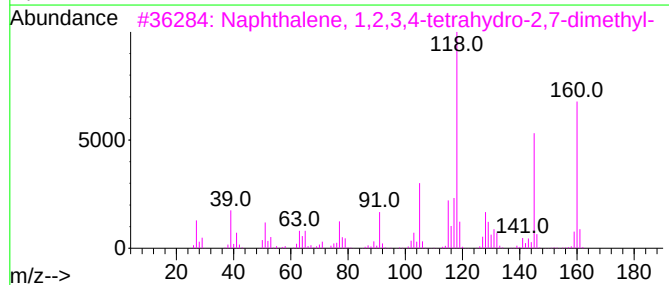
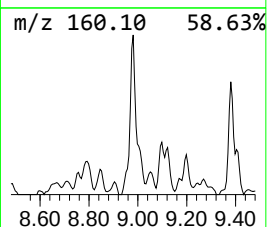
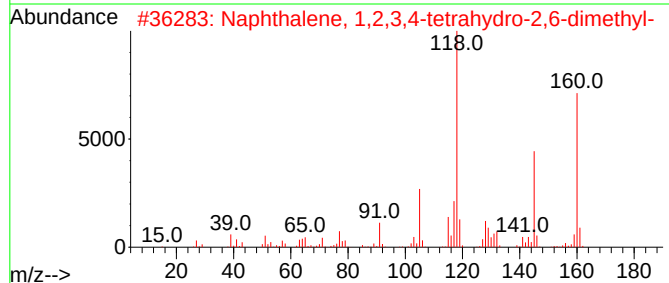
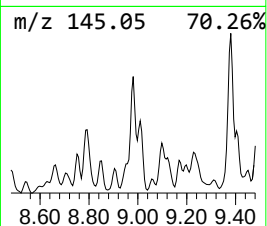
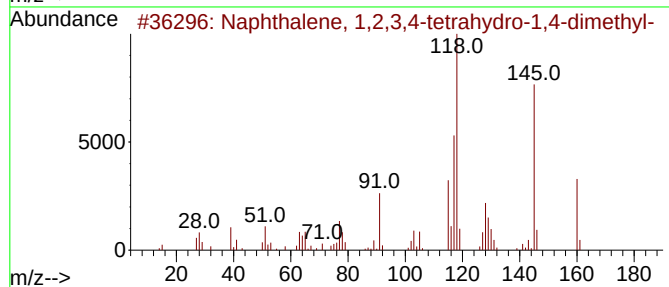
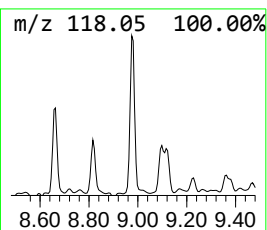
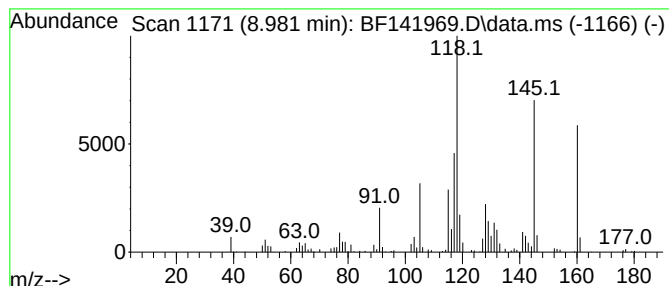
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.981	2.81 ng	125299	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
5			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	49



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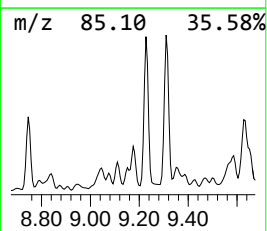
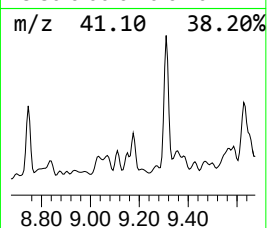
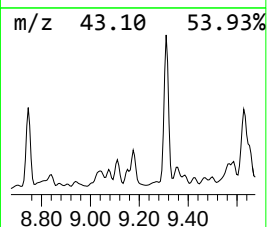
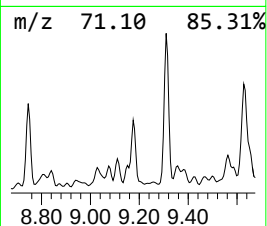
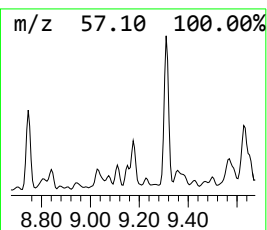
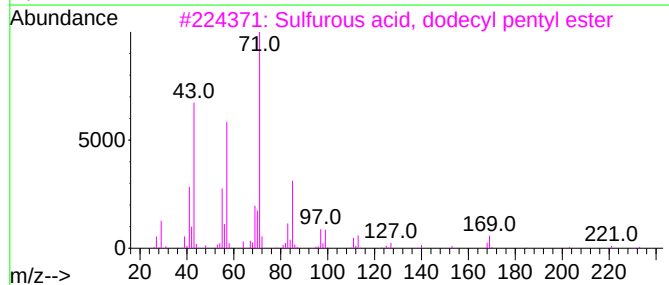
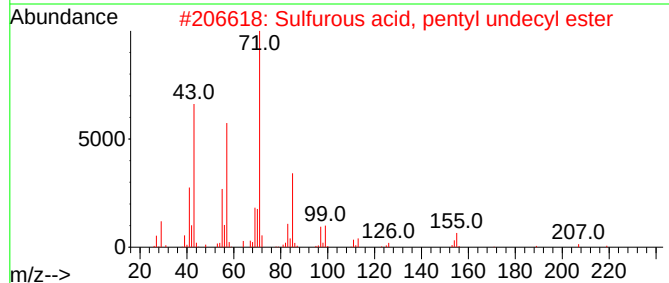
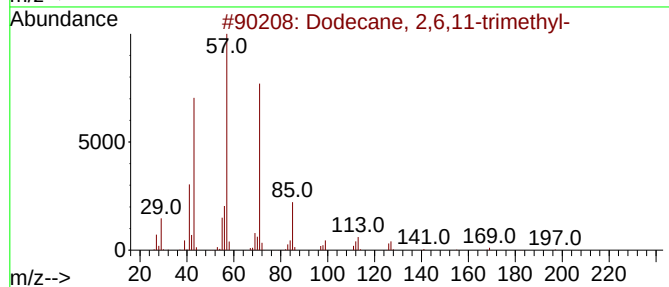
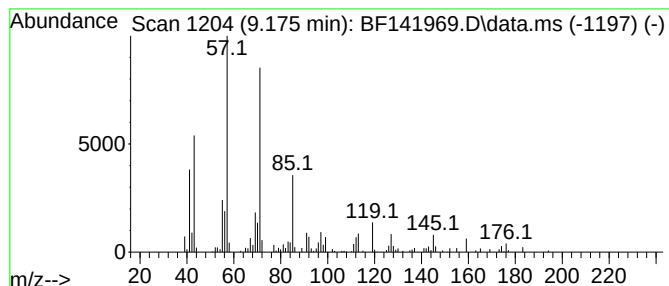
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	3.44 ng	123781	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	64
3			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	64
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-03132025

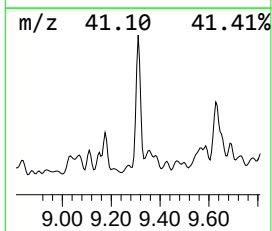
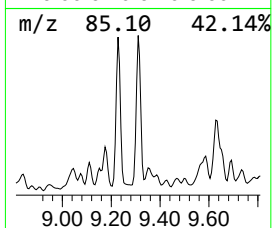
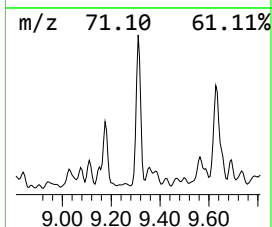
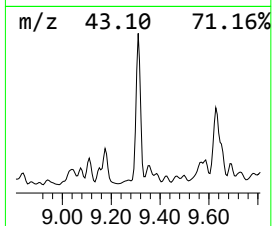
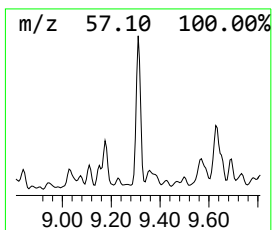
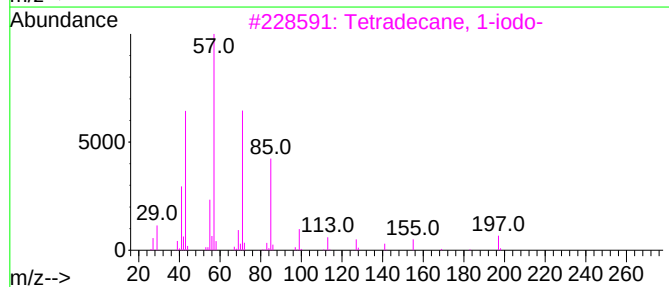
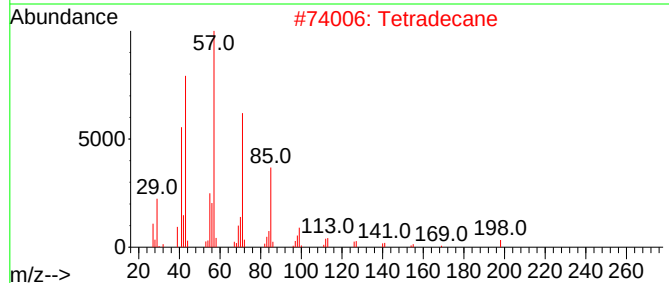
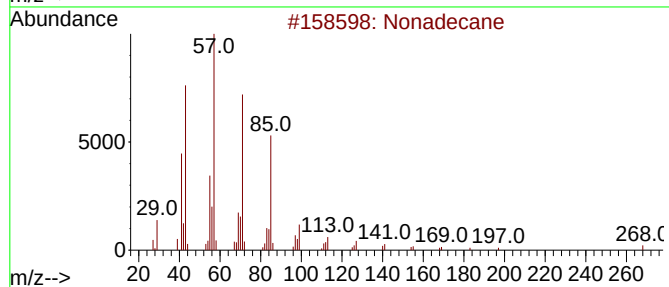
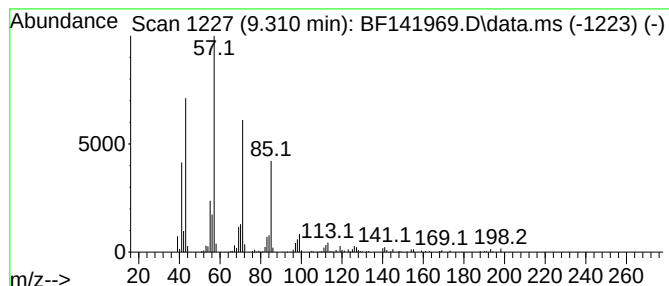
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	6.79 ng	244167	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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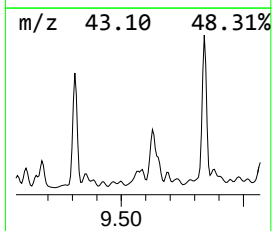
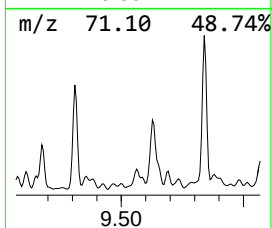
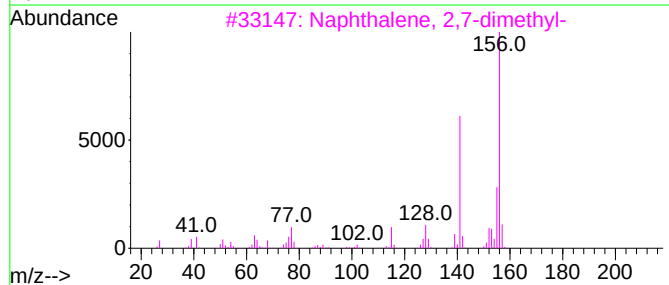
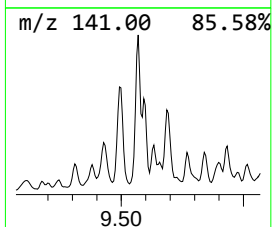
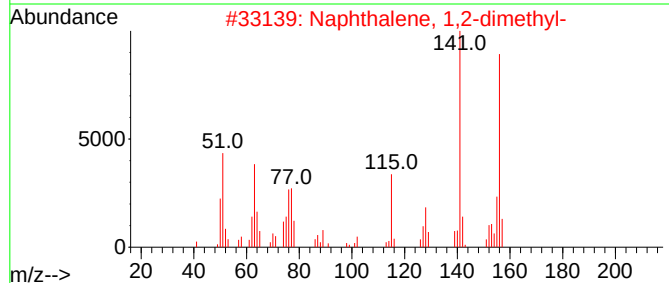
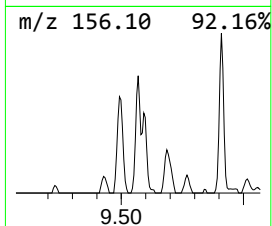
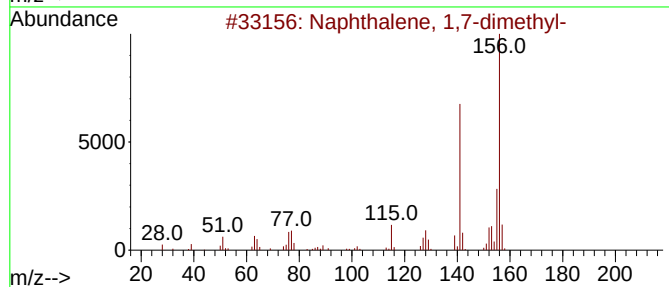
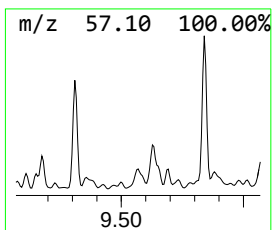
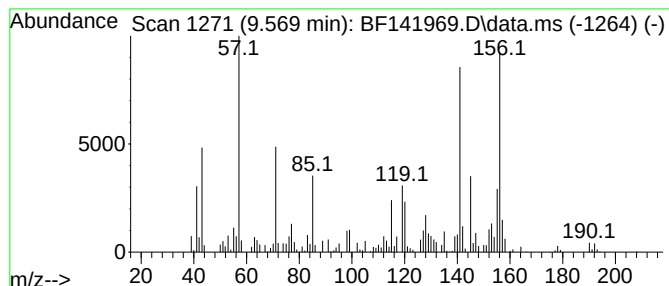
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	3.48 ng	125183	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	92
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-03132025

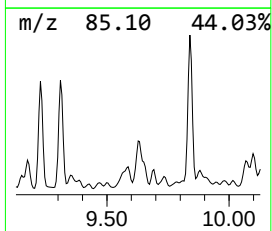
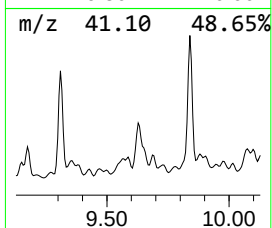
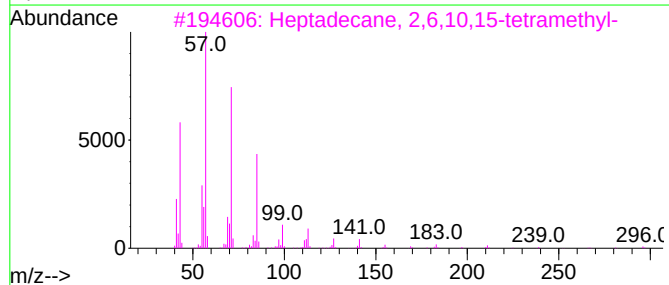
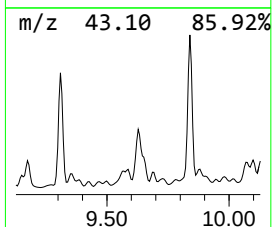
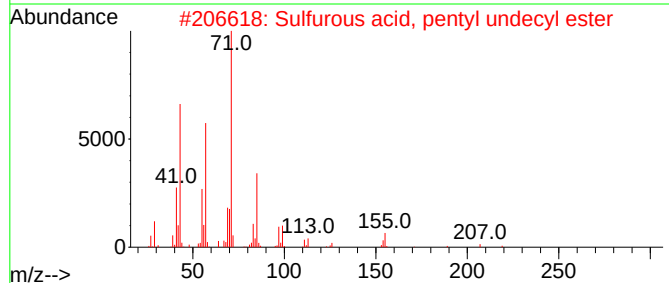
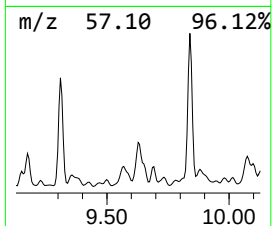
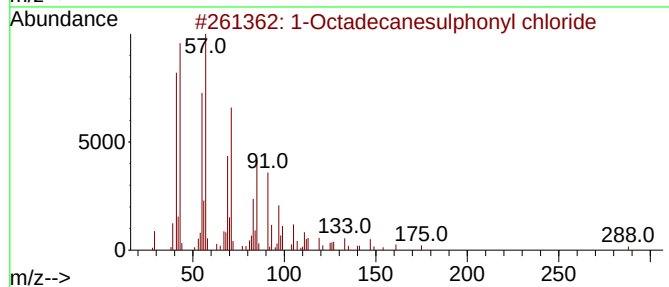
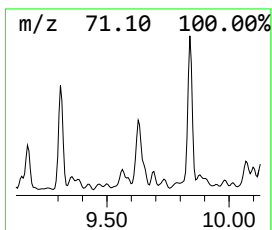
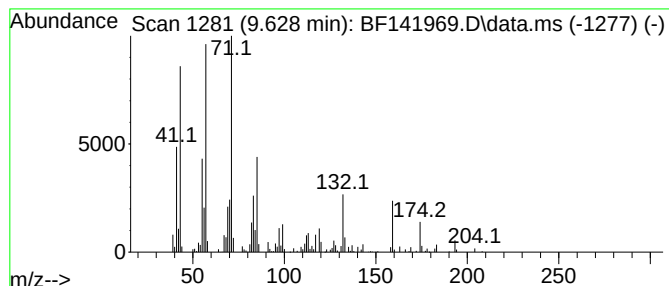
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	4.51 ng	162165	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
2			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	52
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
5			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
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Operator : RC/JU
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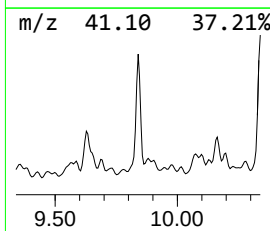
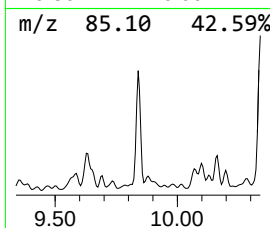
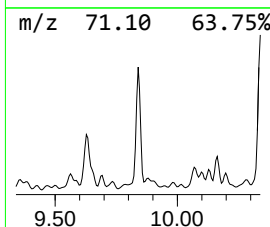
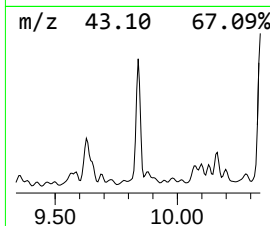
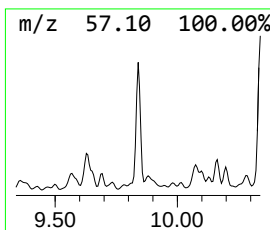
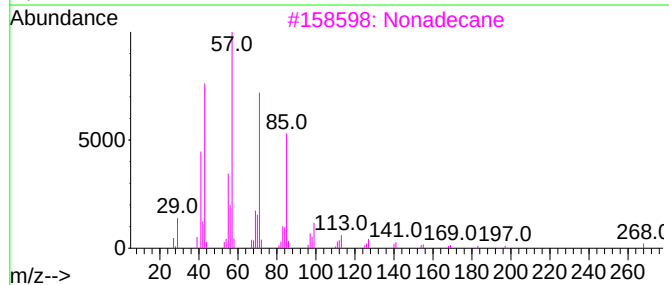
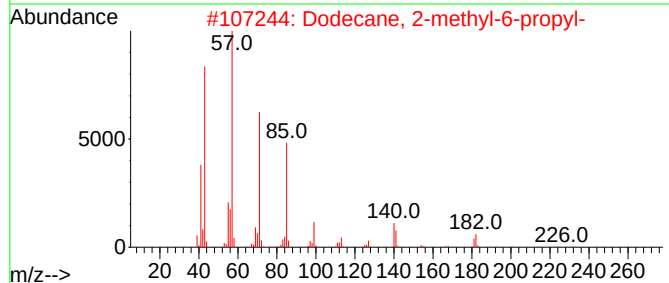
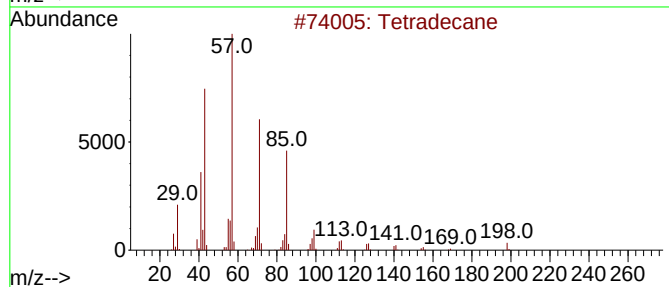
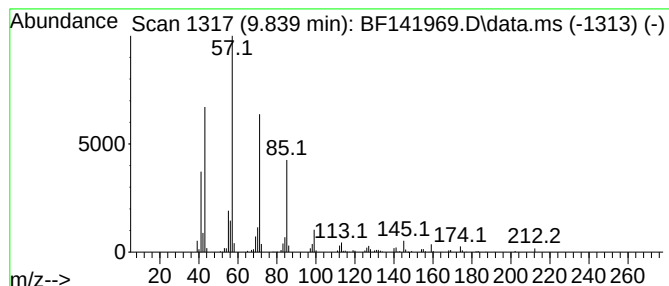
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	7.66 ng	275215	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Nonadecane	268	C19H40	000629-92-5	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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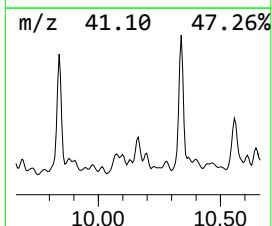
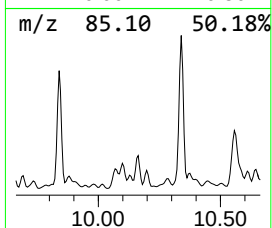
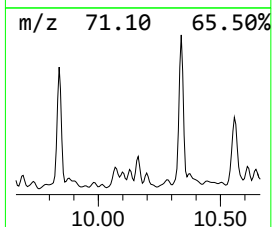
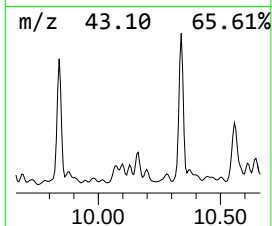
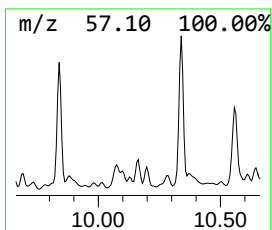
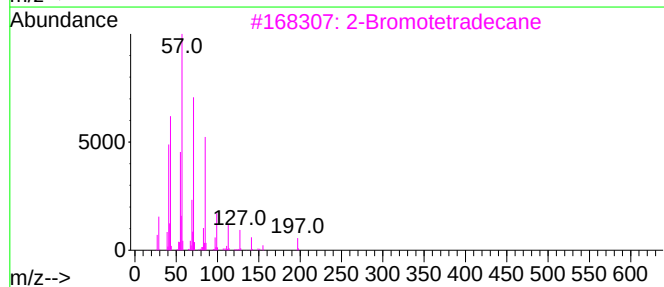
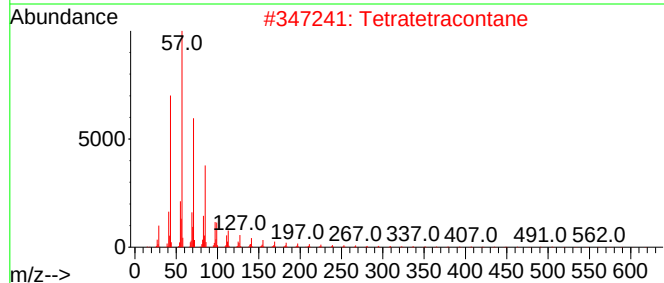
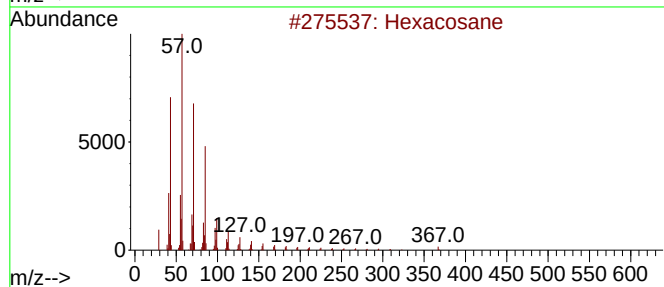
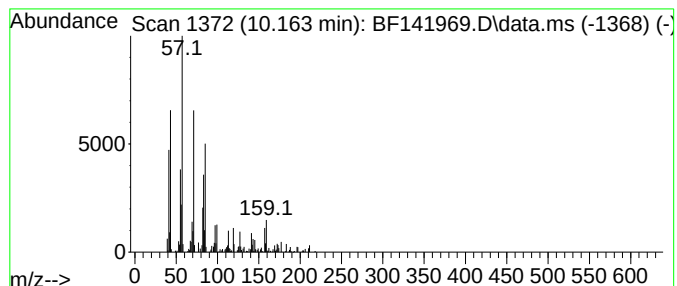
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	2.60 ng	93467	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	68
2			Tetratetracontane	619	C44H90	007098-22-8	64
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	64
4			Tetracosane	338	C24H50	000646-31-1	64
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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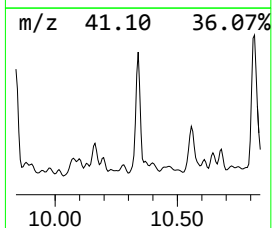
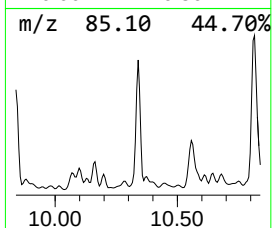
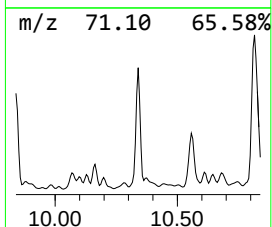
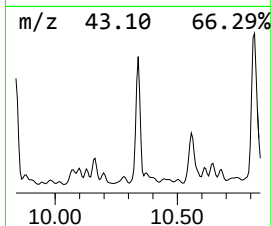
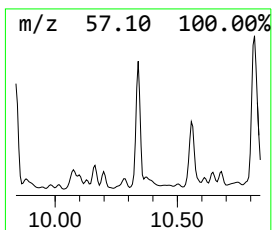
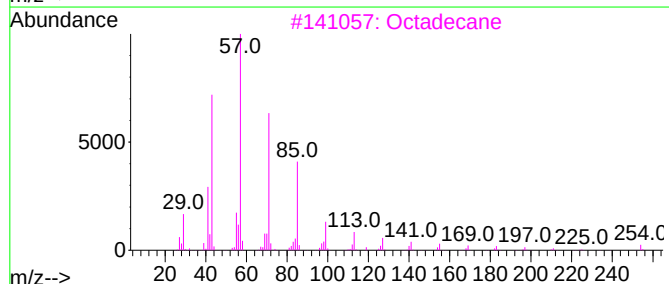
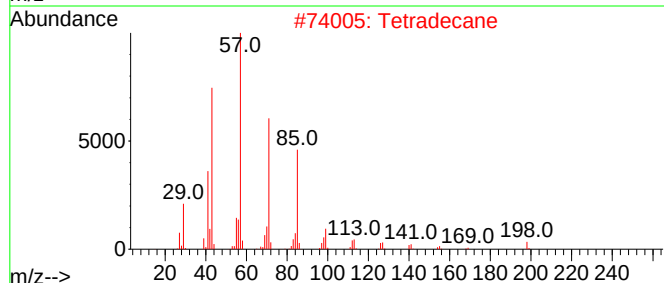
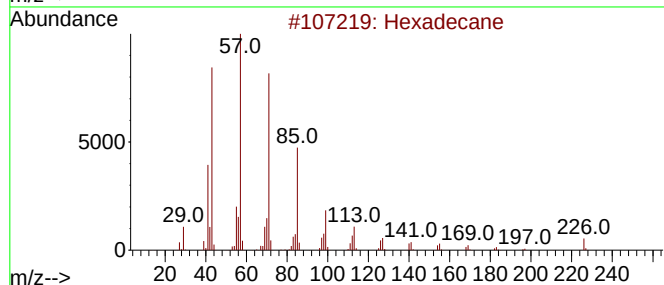
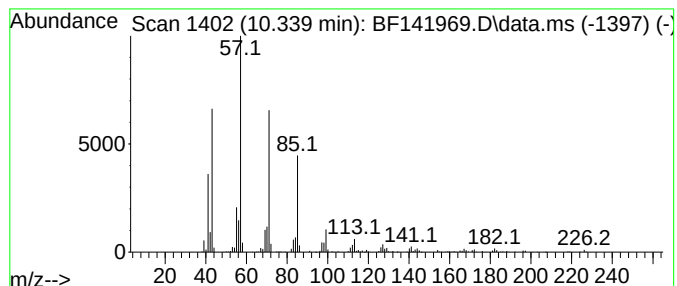
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	10.88 ng	391075	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Tetradecane	198	C14H30	000629-59-4	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
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ALS Vial : 16 Sample Multiplier: 1

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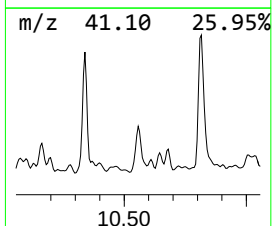
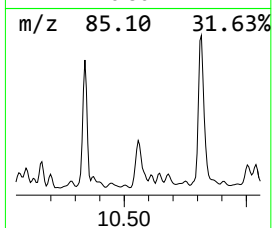
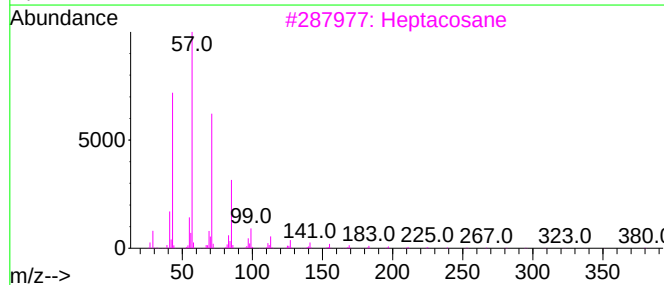
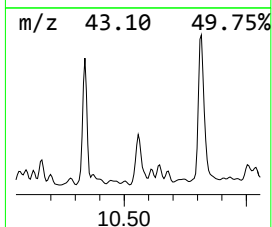
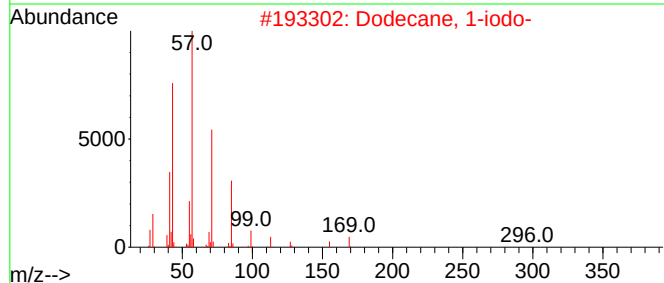
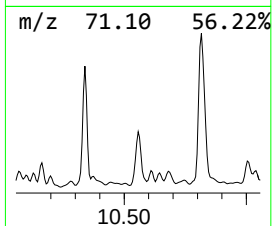
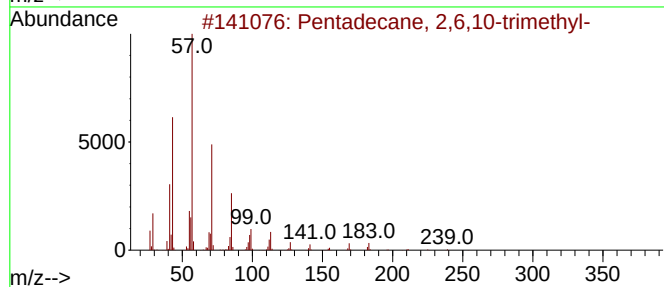
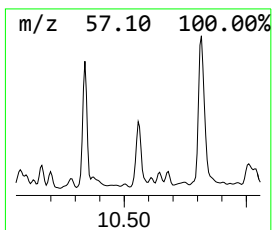
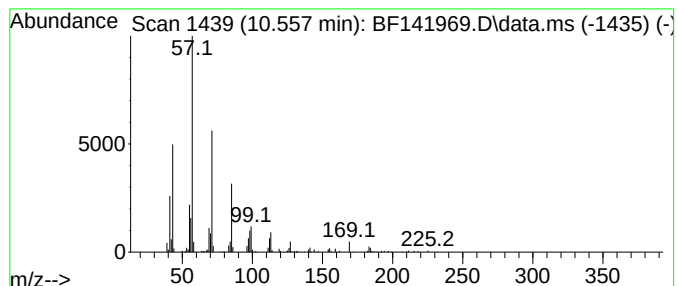
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	5.67 ng	203869	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Heneicosane	296	C21H44	000629-94-7	72
5		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

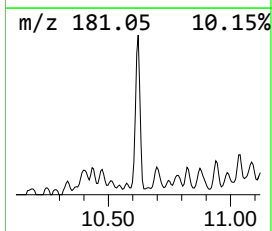
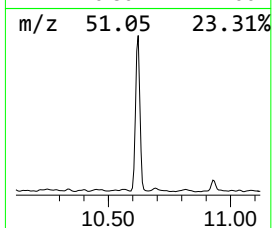
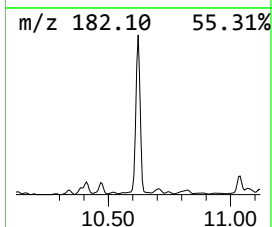
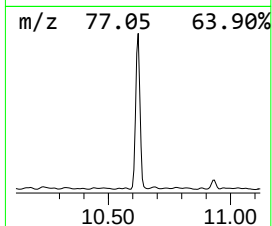
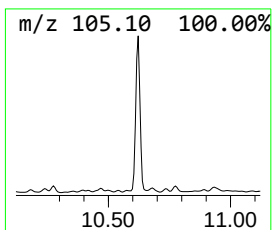
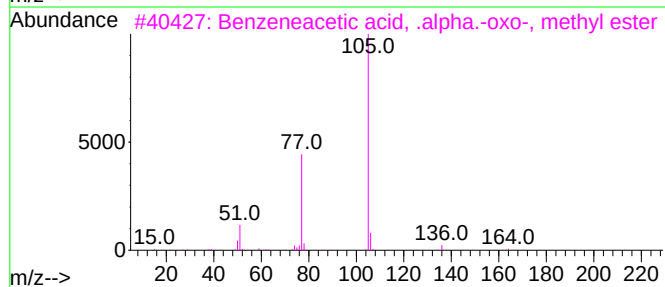
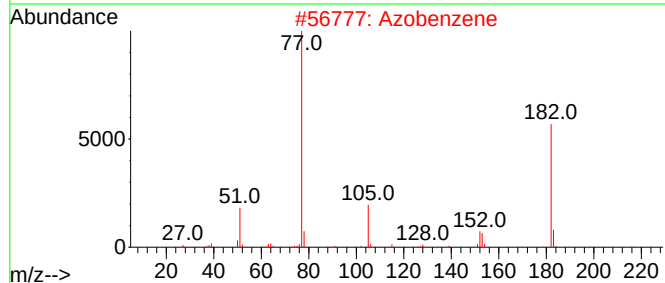
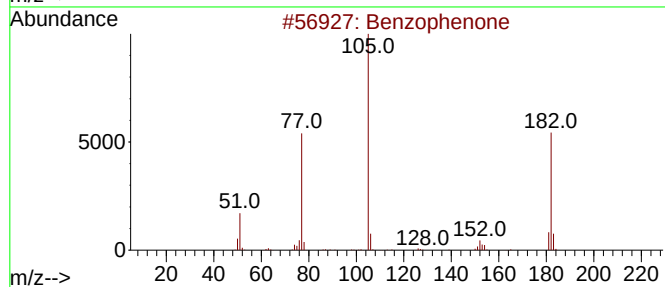
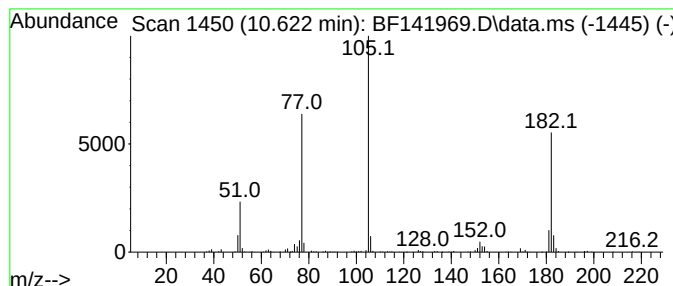
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	8.48 ng	304713	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
5			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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Sample : Q1568-01 2X
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ALS Vial : 16 Sample Multiplier: 1

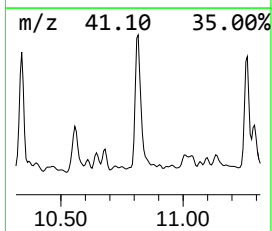
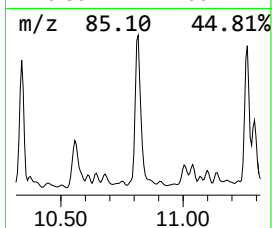
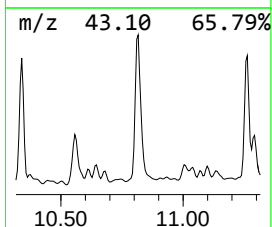
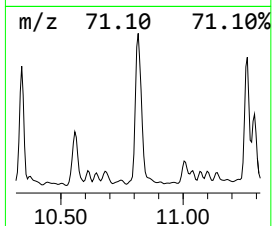
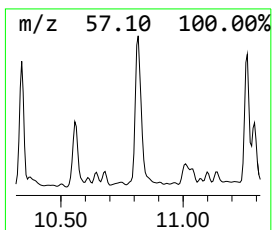
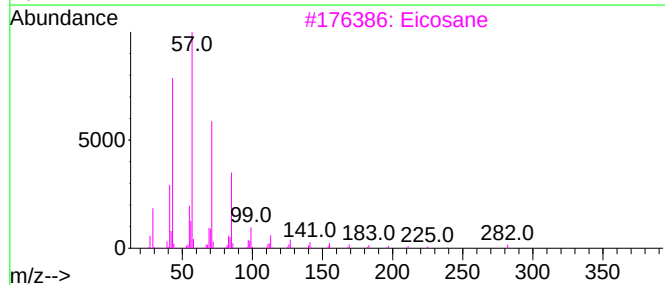
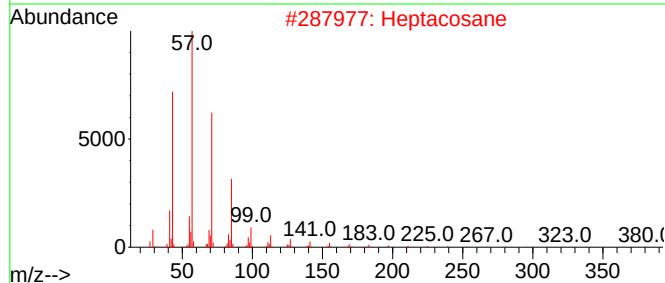
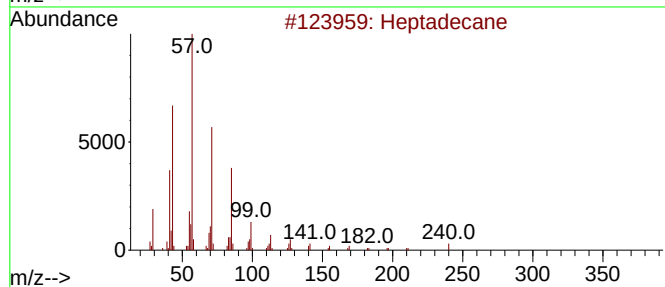
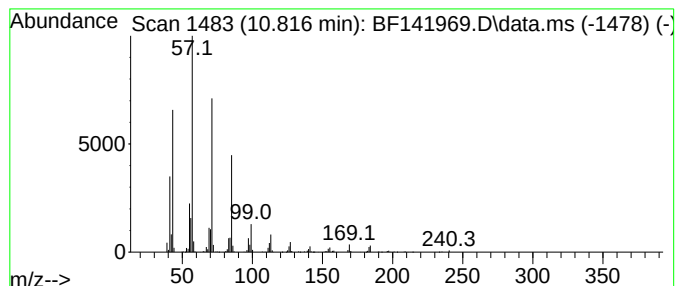
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.816	11.51 ng	578717	Phenanthrene-d10		11.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Tridecane		184	C13H28	000629-50-5	90
5	Pentadecane		212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
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Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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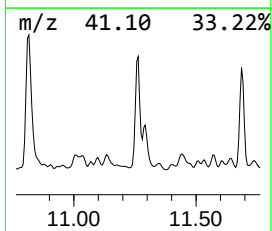
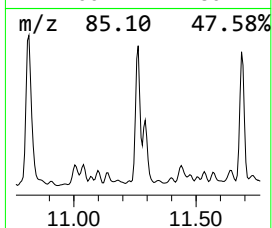
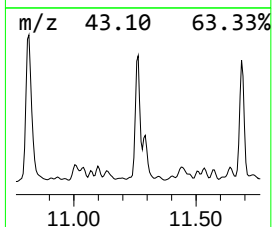
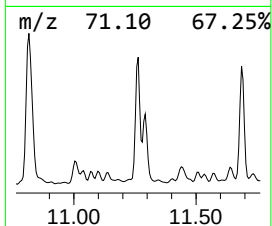
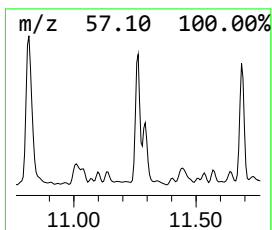
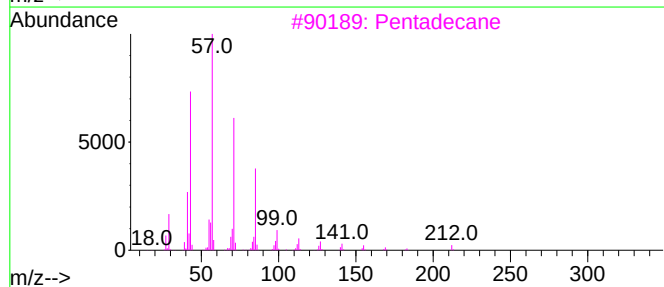
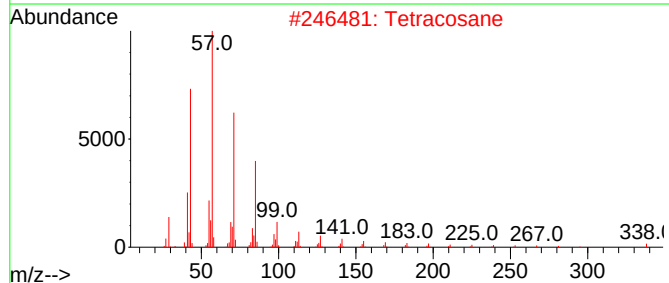
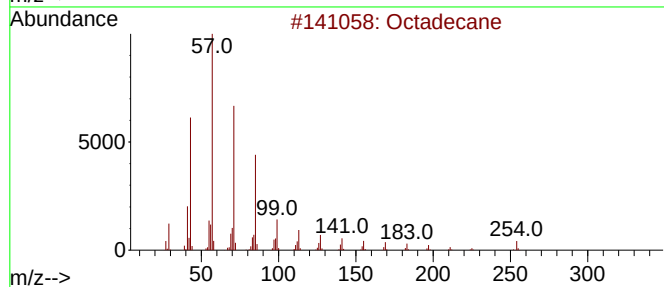
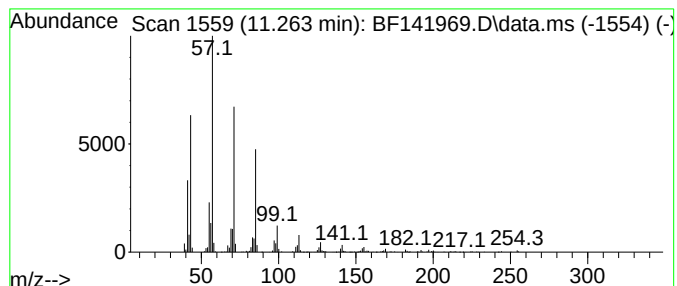
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	8.64 ng	434663	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	97
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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Acq On : 14 Mar 2025 17:07
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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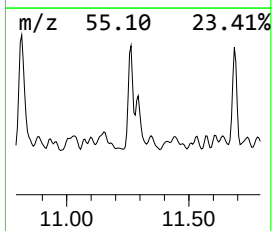
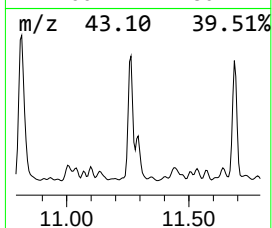
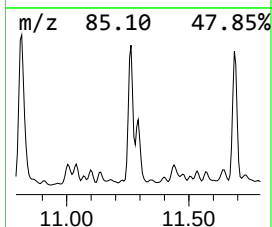
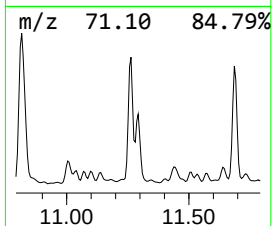
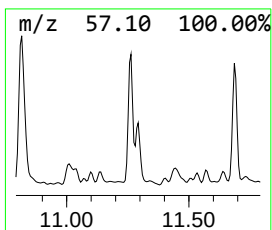
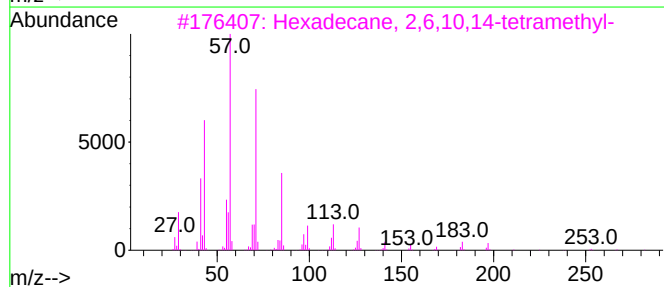
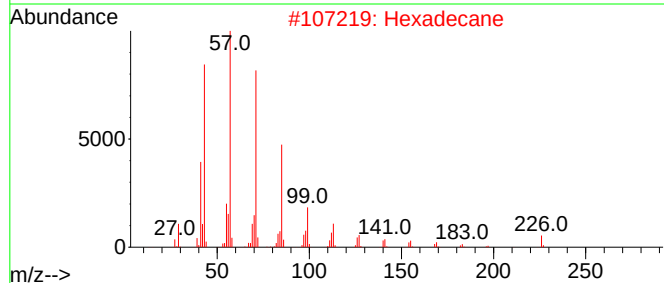
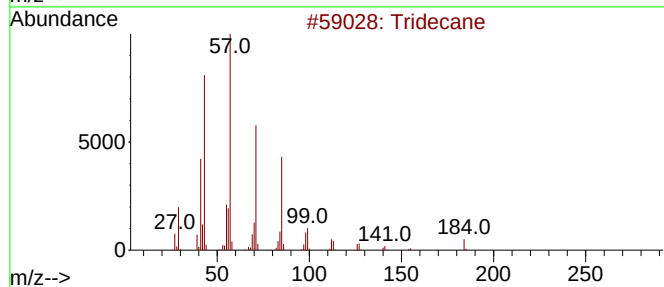
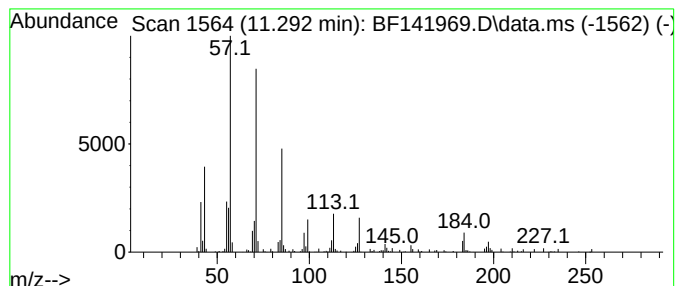
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	3.97 ng	199645	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane	226	C16H34	000544-76-3	83
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4			Decane, 2-methyl-	156	C11H24	006975-98-0	72
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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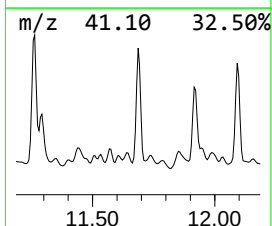
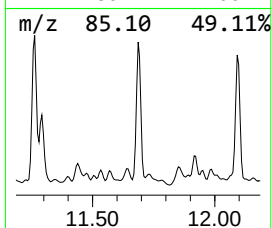
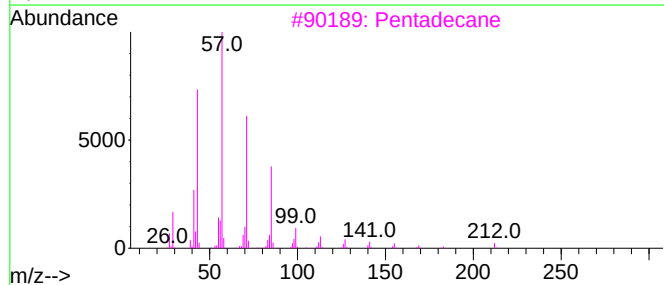
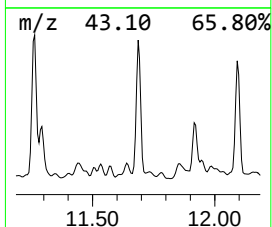
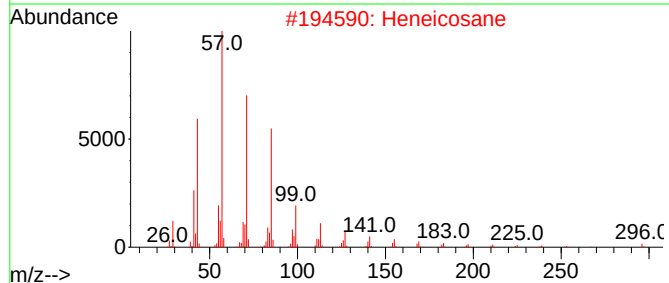
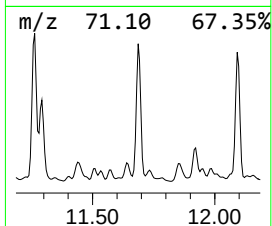
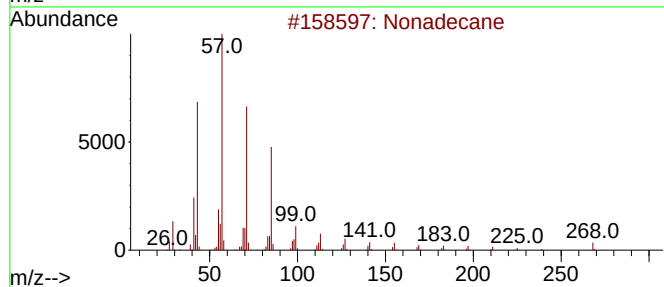
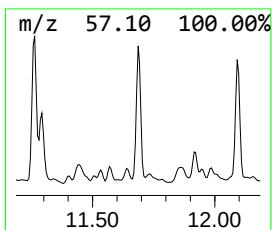
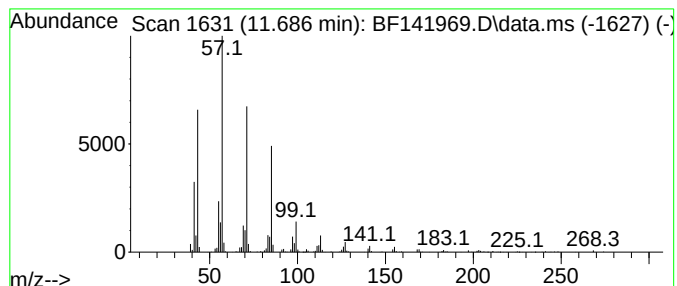
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	6.94 ng	348895	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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Acq On : 14 Mar 2025 17:07
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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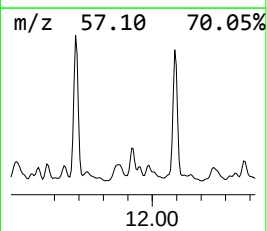
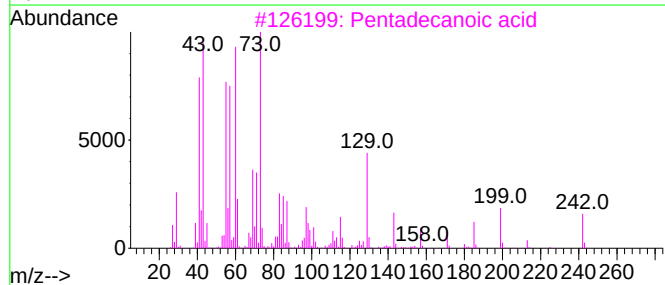
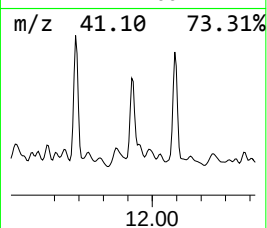
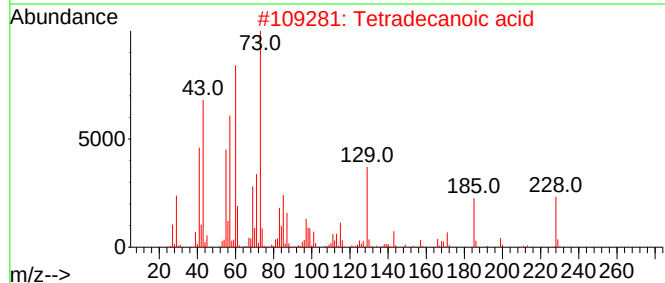
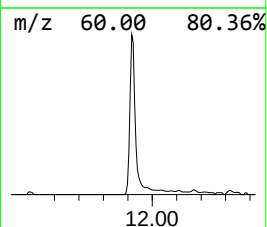
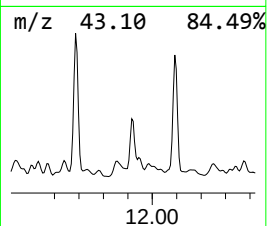
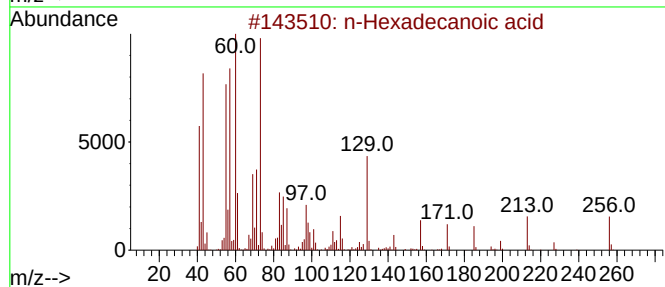
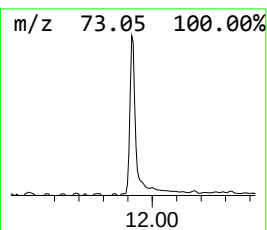
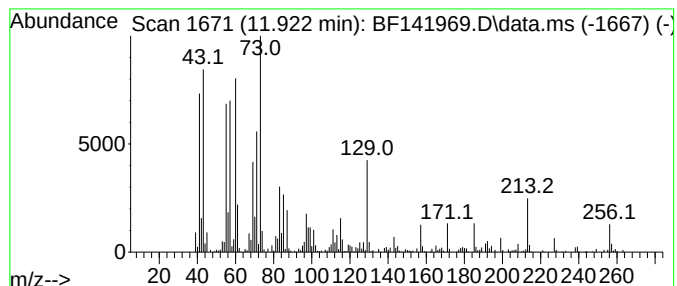
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.15 ng	258941	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
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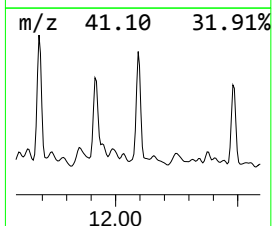
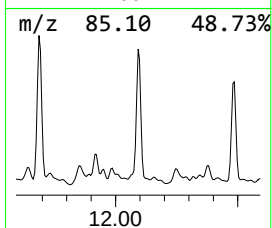
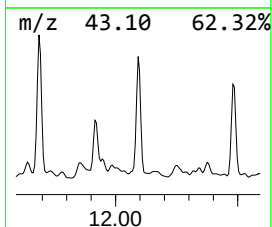
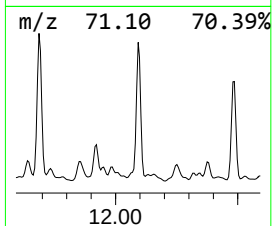
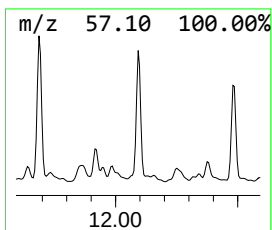
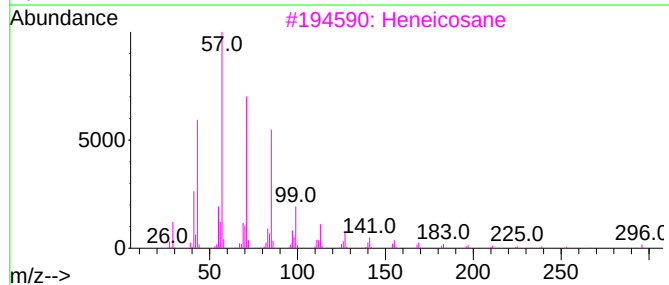
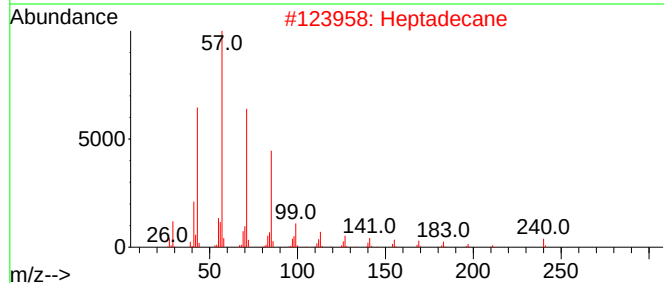
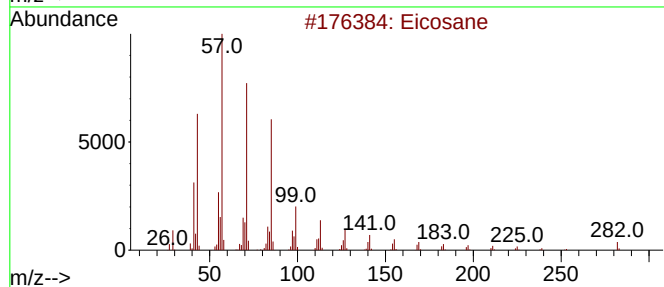
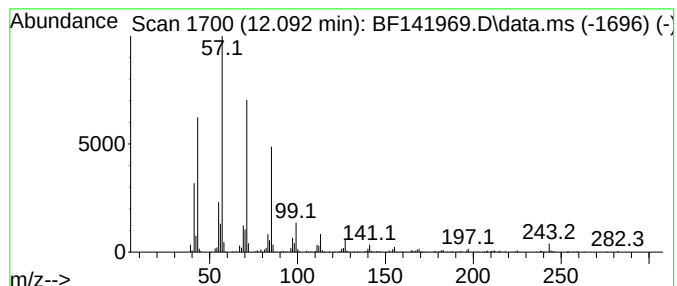
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	6.48 ng	325622	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

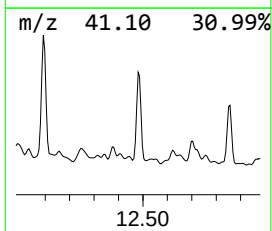
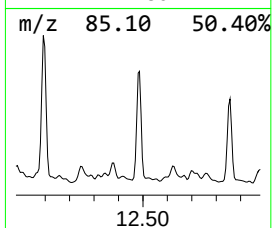
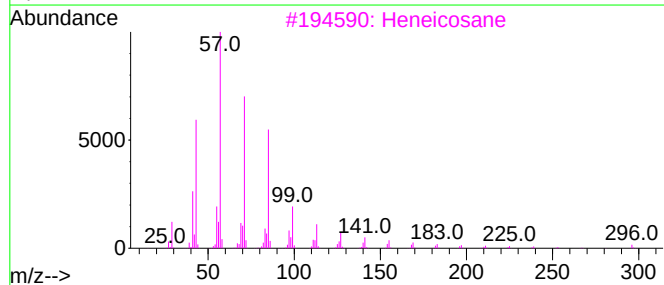
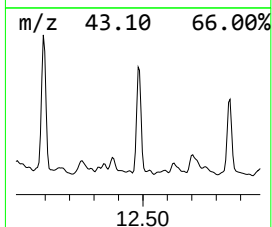
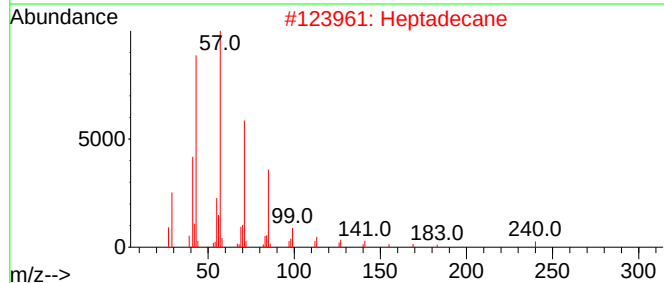
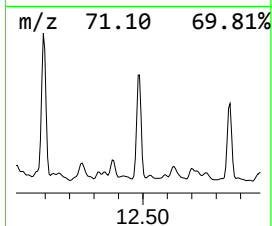
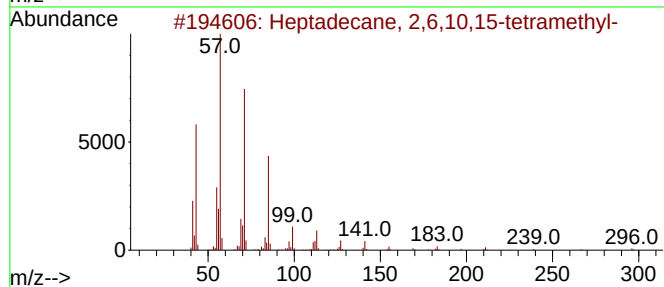
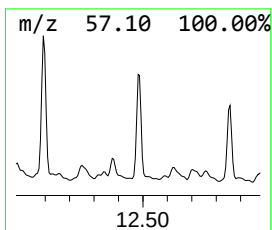
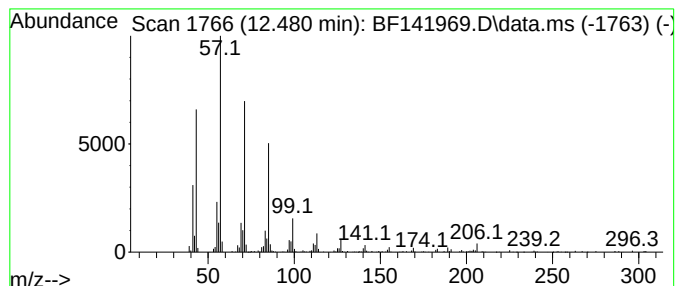
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	5.25 ng	263738	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2		Heptadecane	240	C17H36	000629-78-7	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

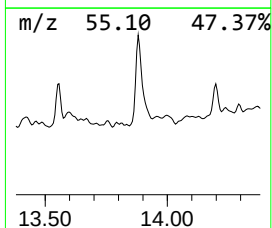
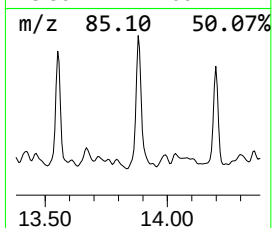
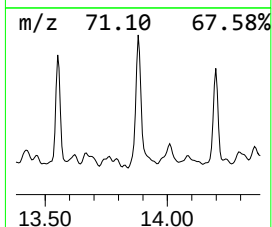
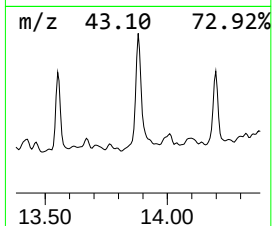
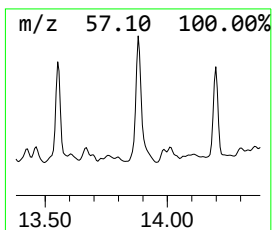
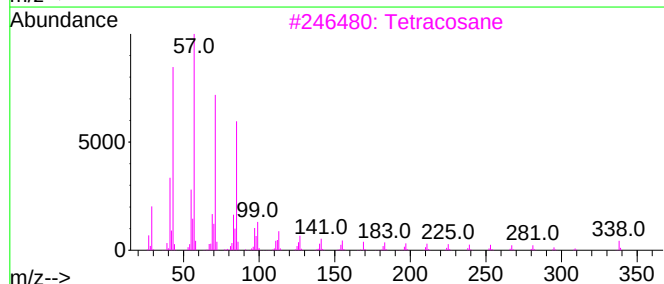
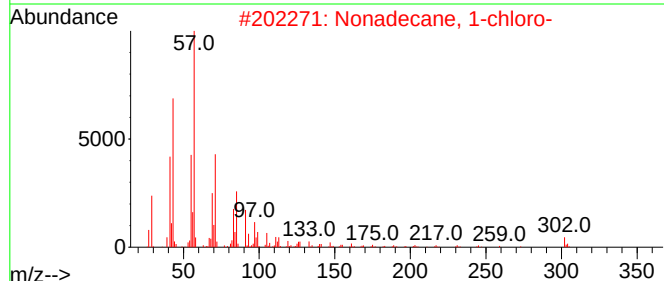
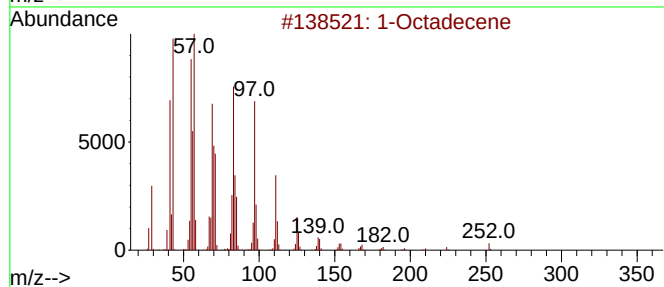
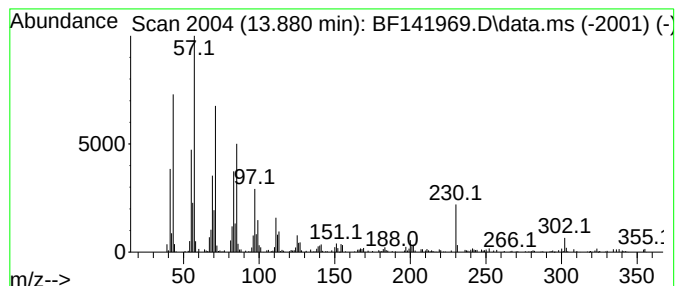
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Octadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.14 ng	224195	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene		252	C18H36	000112-88-9	94
2	Nonadecane, 1-chloro-		302	C19H39Cl	062016-76-6	93
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heptadecane		240	C17H36	000629-78-7	90
5	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.128	20.3	ng	649365	1	6.875	641318	20.0
Tridecane	8.745	3.1	ng	139427	2	8.157	891993	20.0
Naphthalene, 1,...	8.981	2.8	ng	125299	2	8.157	891993	20.0
Dodecane, 2,6,1...	9.175	3.4	ng	123781	3	9.910	718908	20.0
Nonadecane	9.310	6.8	ng	244167	3	9.910	718908	20.0
Naphthalene, 1,...	9.569	3.5	ng	125183	3	9.910	718908	20.0
1-Octadecanesul...	9.628	4.5	ng	162165	3	9.910	718908	20.0
Tetradecane	9.839	7.7	ng	275215	3	9.910	718908	20.0
Hexacosane	10.163	2.6	ng	93467	3	9.910	718908	20.0
Hexadecane	10.339	10.9	ng	391075	3	9.910	718908	20.0
Pentadecane, 2,...	10.557	5.7	ng	203869	3	9.910	718908	20.0
Benzophenone	10.622	8.5	ng	304713	3	9.910	718908	20.0
Heptadecane	10.816	11.5	ng	578717	4	11.398	1005660	20.0
Octadecane	11.263	8.6	ng	434663	4	11.398	1005660	20.0
Hexadecane, 2,6...	11.292	4.0	ng	199645	4	11.398	1005660	20.0
Heneicosane	11.686	6.9	ng	348895	4	11.398	1005660	20.0
n-Hexadecanoic ...	11.922	5.2	ng	258941	4	11.398	1005660	20.0
Eicosane	12.092	6.5	ng	325622	4	11.398	1005660	20.0
Heptadecane, 2,...	12.480	5.3	ng	263738	4	11.398	1005660	20.0
1-Octadecene	13.880	4.1	ng	224195	5	14.033	1082870	20.0