

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140511.D
 Acq On : 20 Nov 2024 20:28
 Operator : RC/JU
 Sample : P4909-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111824

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140511.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	21	rVB	543941	878660	43.06%	4.928%
2	5.504	574	580	601	rBV	1284948	1704716	83.54%	9.561%
3	6.510	745	751	769	rBV	1302567	1762239	86.36%	9.884%
4	6.875	807	813	818	rBV	575399	721151	35.34%	4.045%
5	7.434	902	908	918	rBV	864839	1133808	55.56%	6.359%
6	7.687	945	951	962	rBV	26136	44522	2.18%	0.250%
7	8.151	1023	1030	1037	rBV	683485	895352	43.88%	5.022%
8	8.969	1166	1169	1173	rBV3	16708	21236	1.04%	0.119%
9	9.098	1187	1191	1196	rBV5	13961	25723	1.26%	0.144%
10	9.163	1199	1202	1207	rVV3	19498	26955	1.32%	0.151%
11	9.222	1207	1212	1222	rVV	1532775	2040587	100.00%	11.445%
12	9.298	1222	1225	1230	rVB	46250	61455	3.01%	0.345%
13	9.375	1235	1238	1241	rVB2	17670	21771	1.07%	0.122%
14	9.557	1263	1269	1271	rBV6	20420	45952	2.25%	0.258%
15	9.622	1275	1280	1283	rBV3	55894	84428	4.14%	0.474%
16	9.681	1288	1290	1295	rVB5	25287	30402	1.49%	0.171%
17	9.769	1302	1305	1309	rBV4	20457	31053	1.52%	0.174%
18	9.834	1311	1316	1320	rVV	98415	138161	6.77%	0.775%
19	9.904	1324	1328	1336	rVB	649620	863874	42.33%	4.845%
20	10.063	1352	1355	1357	rBV2	17488	24525	1.20%	0.138%
21	10.151	1367	1370	1374	rBV3	36501	54816	2.69%	0.307%
22	10.228	1379	1383	1388	rBV6	21811	49716	2.44%	0.279%
23	10.334	1396	1401	1404	rBV	153218	203429	9.97%	1.141%
24	10.551	1433	1438	1444	rBV	79673	130620	6.40%	0.733%
25	10.616	1445	1449	1456	rVV	98766	164806	8.08%	0.924%
26	10.698	1458	1463	1473	rVV	649549	893203	43.77%	5.010%
27	10.810	1477	1482	1490	rVB	226864	400936	19.65%	2.249%
28	10.998	1511	1514	1517	rBV	19000	29474	1.44%	0.165%
29	11.251	1553	1557	1560	rBV	164682	216429	10.61%	1.214%
30	11.281	1560	1562	1569	rVB2	83412	116017	5.69%	0.651%
31	11.398	1577	1582	1592	rBV	557469	868064	42.54%	4.869%
32	11.633	1619	1622	1626	rBV2	21870	27269	1.34%	0.153%
33	11.680	1626	1630	1635	rVB	143362	171388	8.40%	0.961%
34	11.922	1667	1671	1678	rBV4	64014	113262	5.55%	0.635%
35	12.086	1695	1699	1704	rBV	123730	153894	7.54%	0.863%
36	12.475	1762	1765	1772	rVB	103483	137130	6.72%	0.769%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.610	1784	1788	1793	rBV	115495	152971	7.50%	0.858%
38	12.845	1822	1828	1834	rBV2	172087	266610	13.07%	1.495%
39	12.980	1846	1851	1860	rVB	1223367	1585448	77.70%	8.892%
40	13.204	1886	1889	1892	rBV	47546	61320	3.01%	0.344%
41	13.545	1945	1947	1952	rVB2	35006	39682	1.94%	0.223%
42	14.039	2027	2031	2042	rVB2	521774	812606	39.82%	4.558%
43	15.527	2279	2284	2297	rVB	363772	623416	30.55%	3.497%

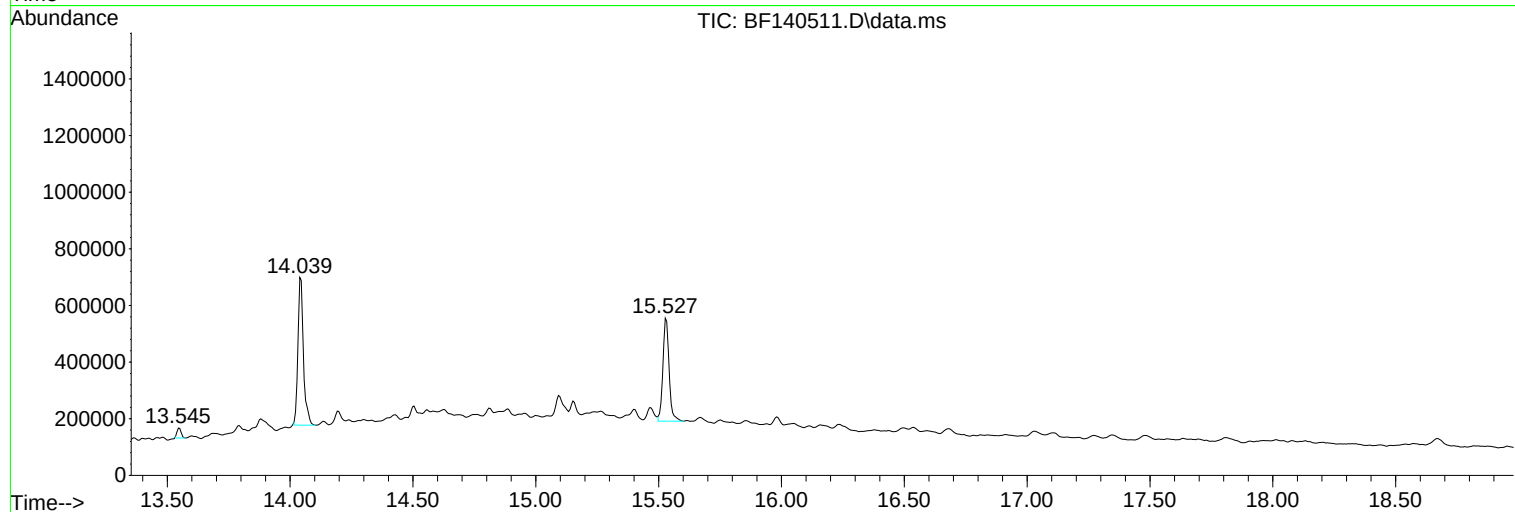
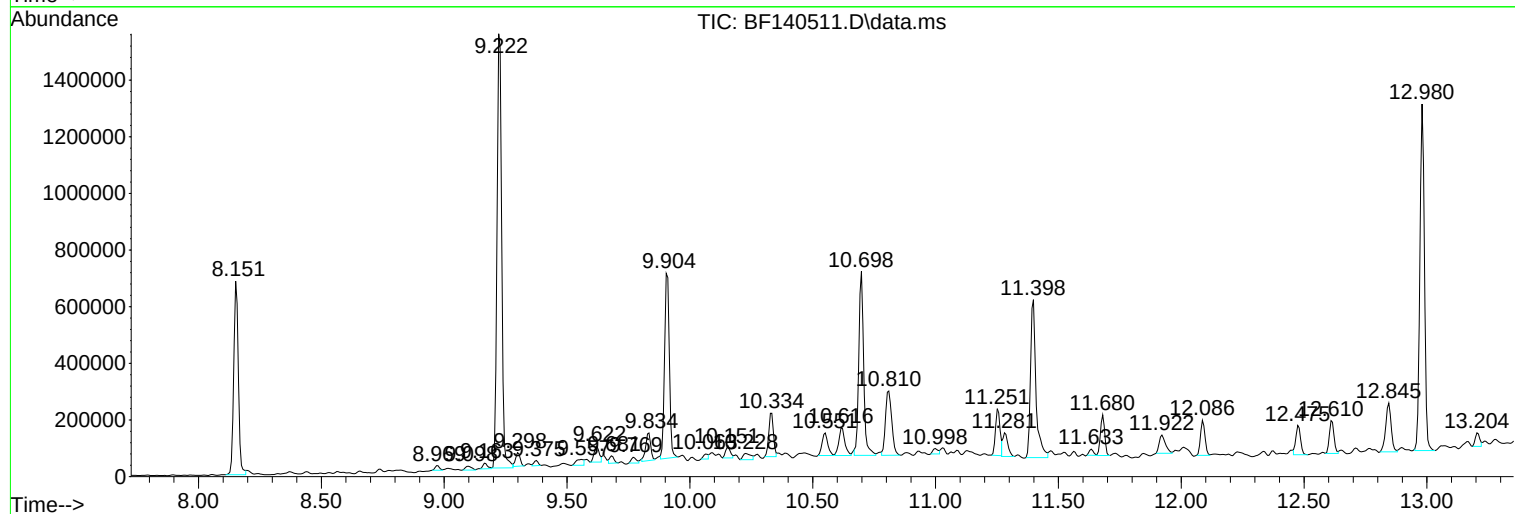
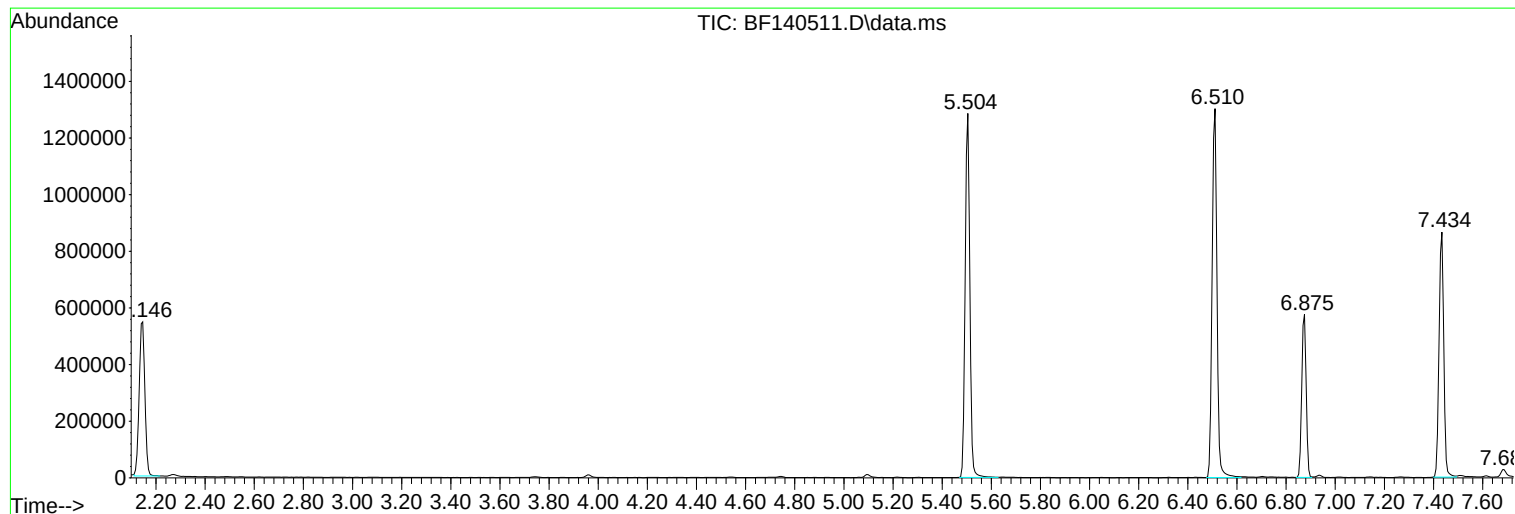
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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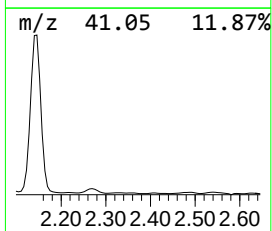
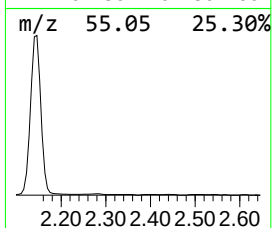
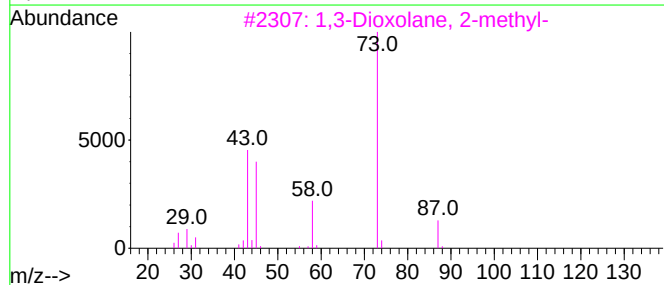
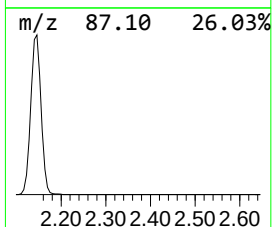
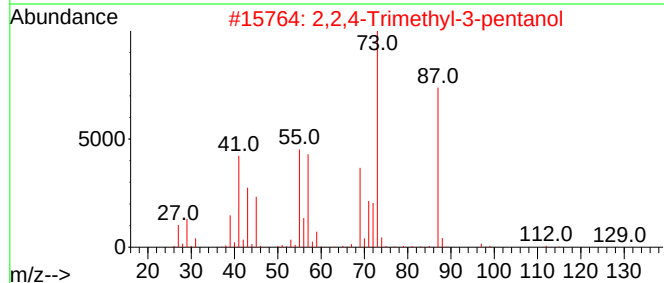
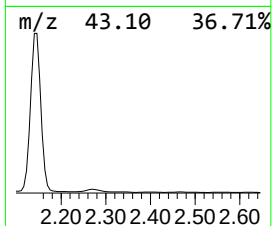
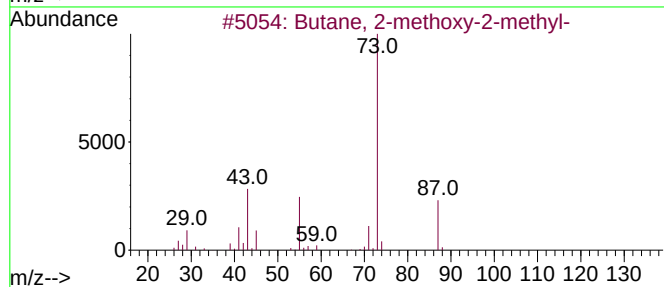
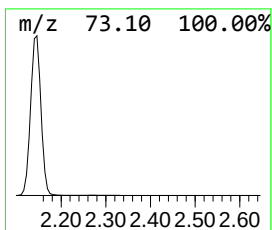
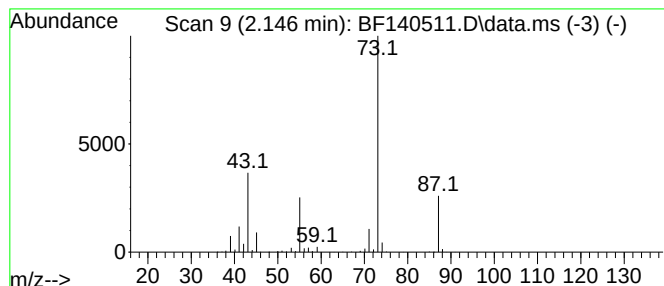
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.146	24.37 ng	878660	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	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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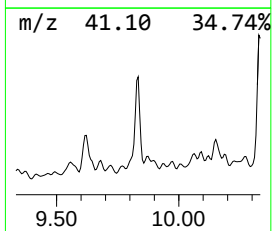
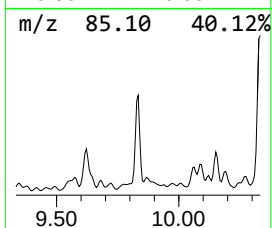
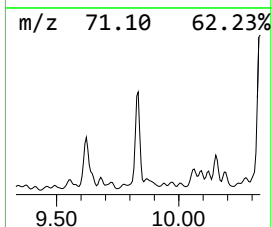
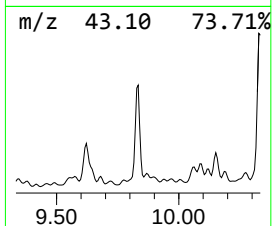
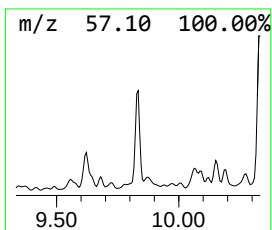
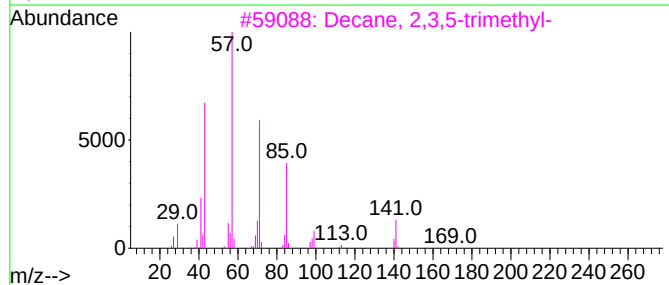
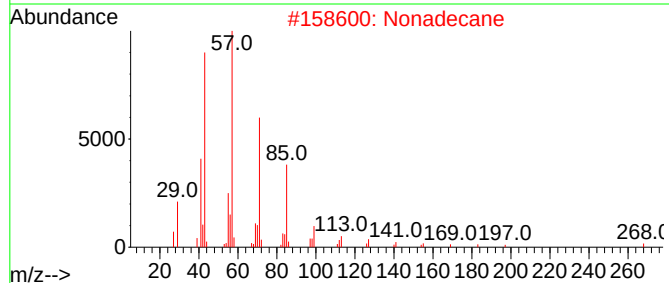
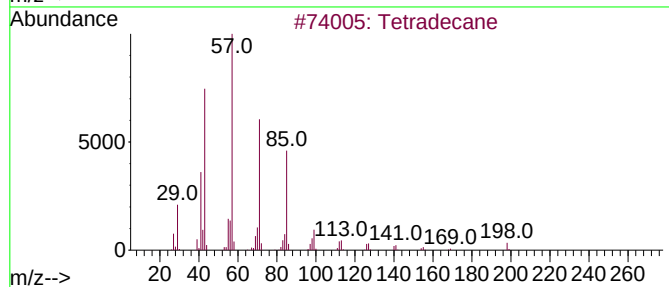
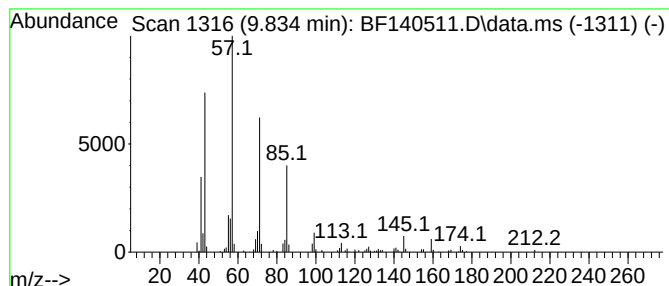
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.834	3.20 ng	138161	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	80
2		Nonadecane	268	C19H40	000629-92-5	80
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4		Pentadecane	212	C15H32	000629-62-9	70
5		Tridecane	184	C13H28	000629-50-5	58



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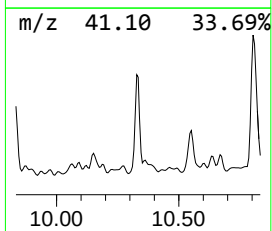
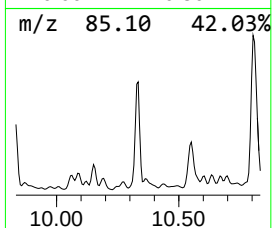
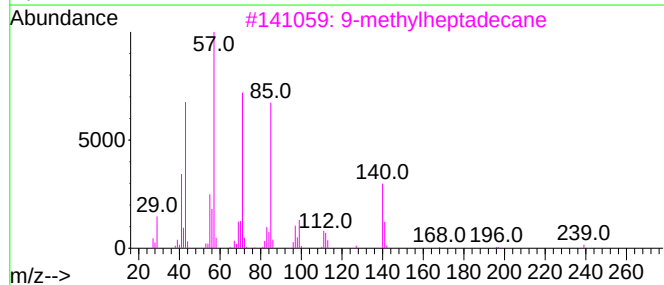
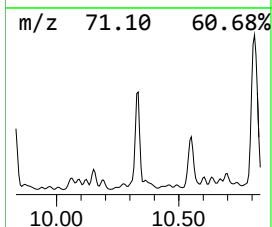
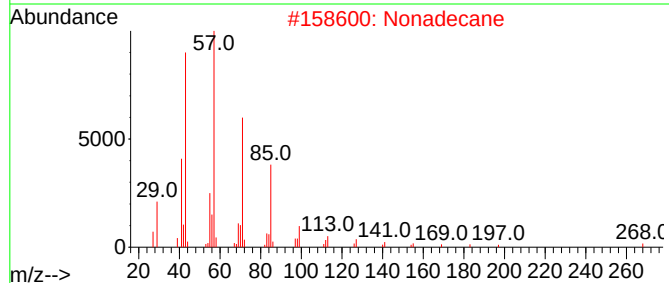
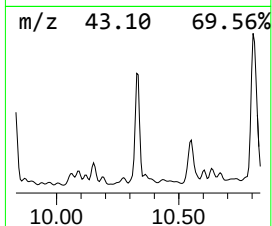
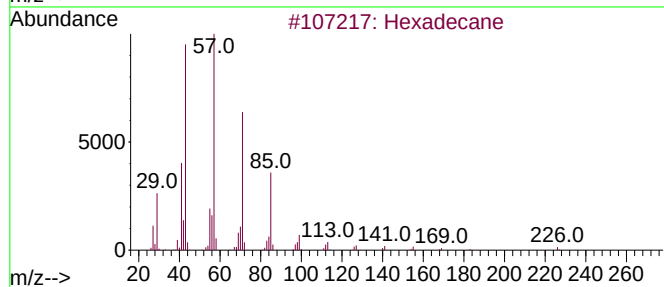
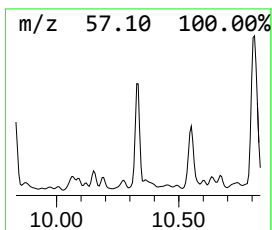
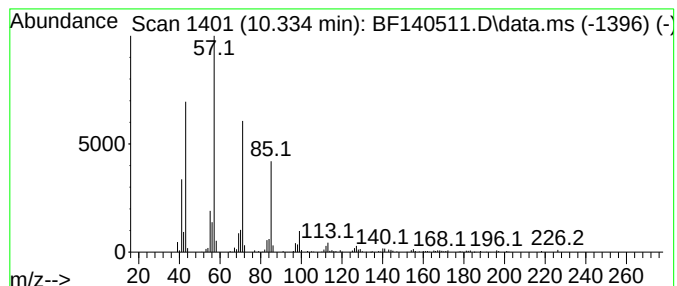
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	4.71 ng	203429	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Nonadecane	268	C19H40	000629-92-5	91
3			9-methylheptadecane	254	C18H38	026741-18-4	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87



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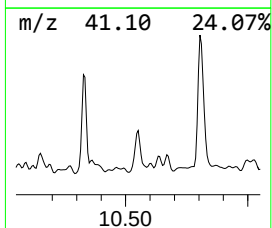
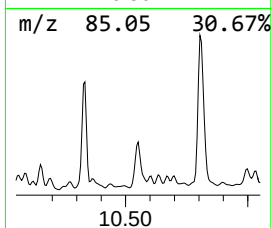
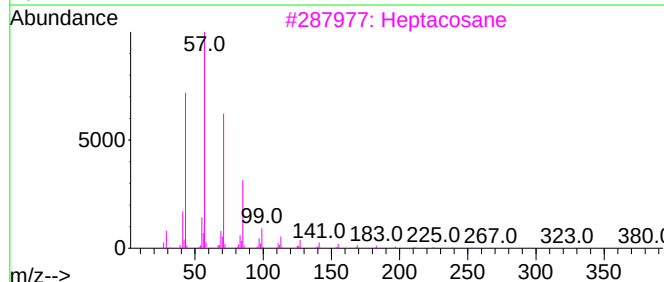
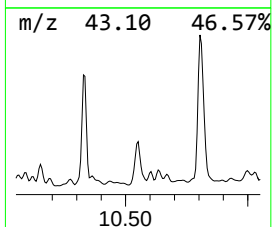
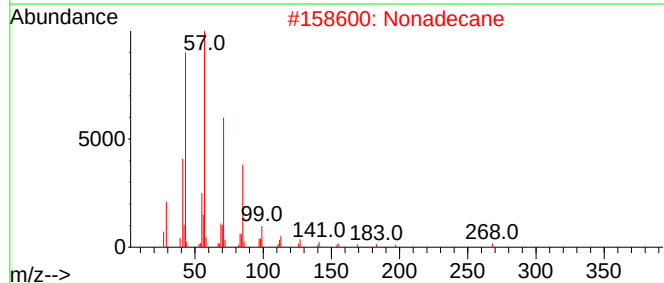
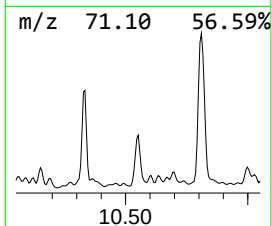
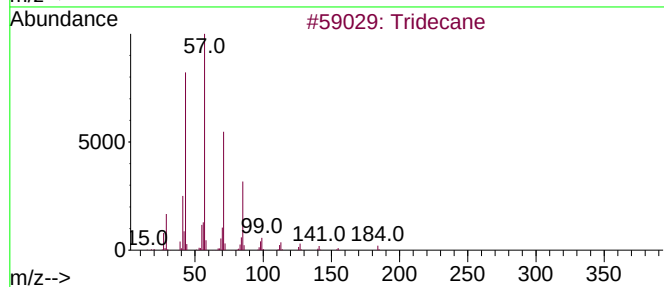
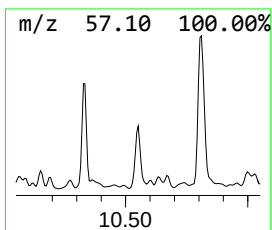
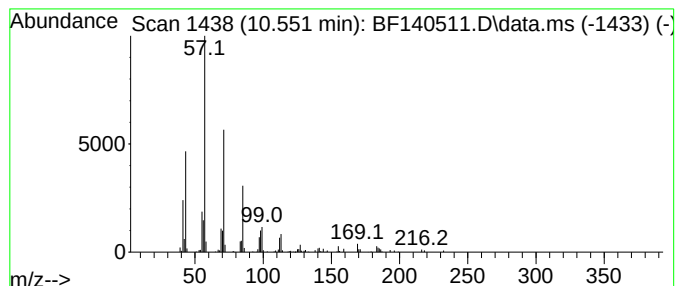
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	3.02 ng	130620	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	81
2			Nonadecane	268	C19H40	000629-92-5	72
3			Heptacosane	380	C27H56	000593-49-7	72
4			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5			5-Ethyldecane	170	C12H26	017302-36-2	64



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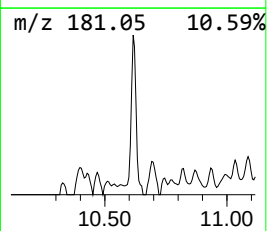
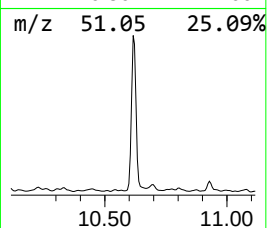
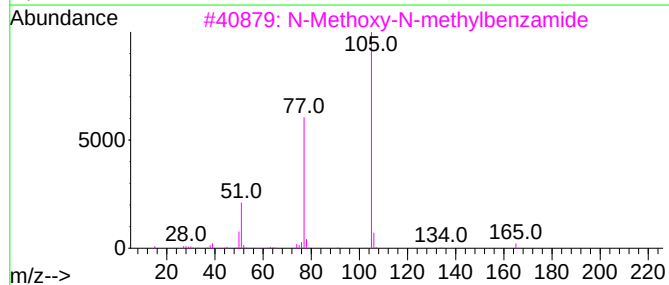
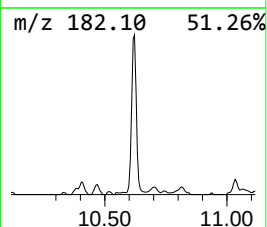
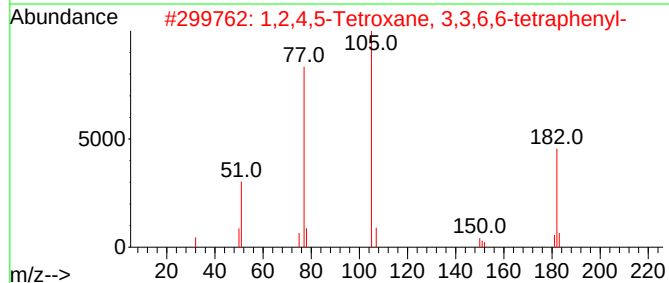
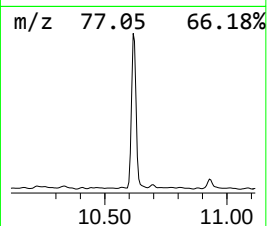
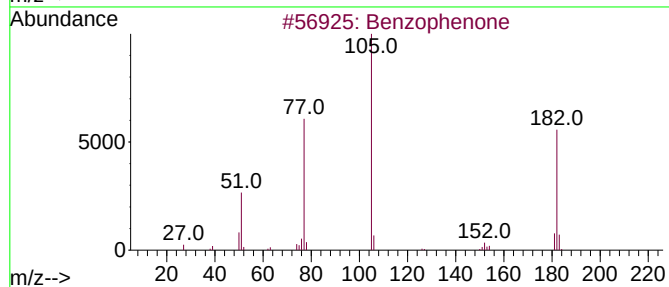
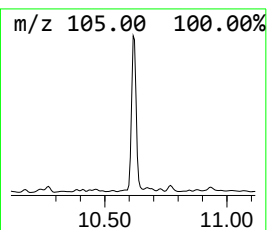
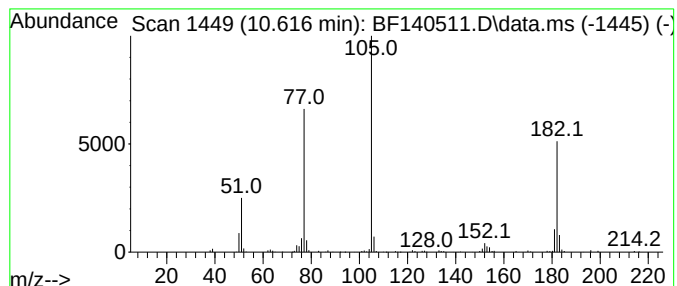
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.82 ng	164806	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5			.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
Acq On : 20 Nov 2024 20:28
Operator : RC/JU
Sample : P4909-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-02-111824

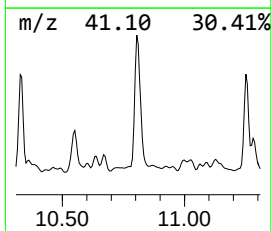
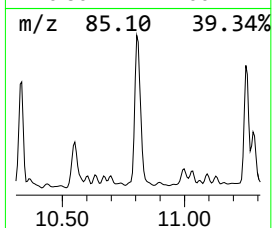
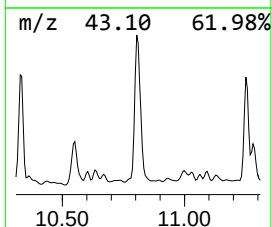
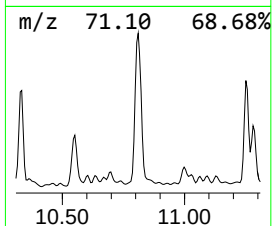
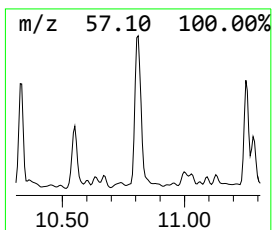
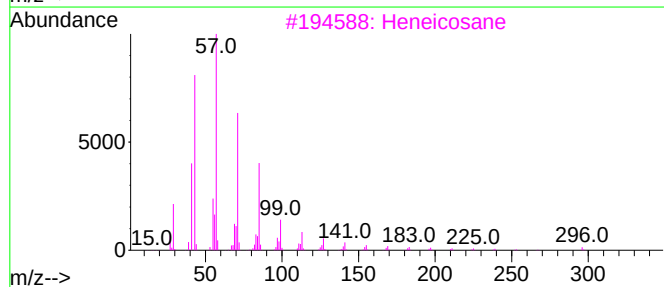
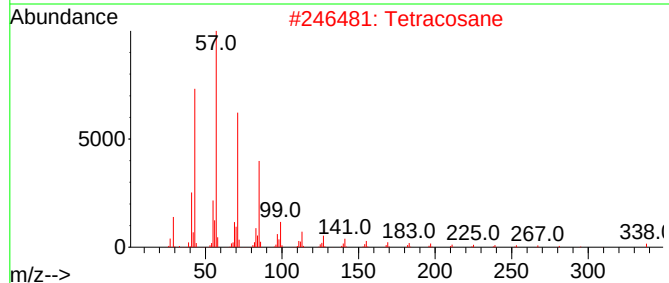
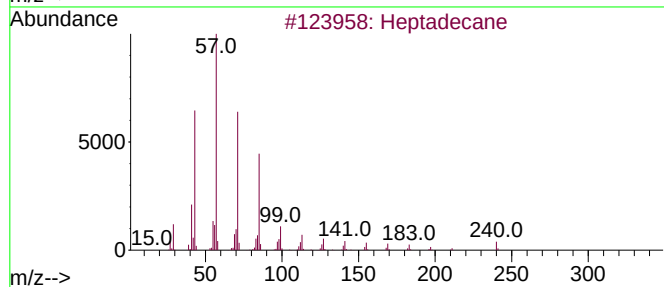
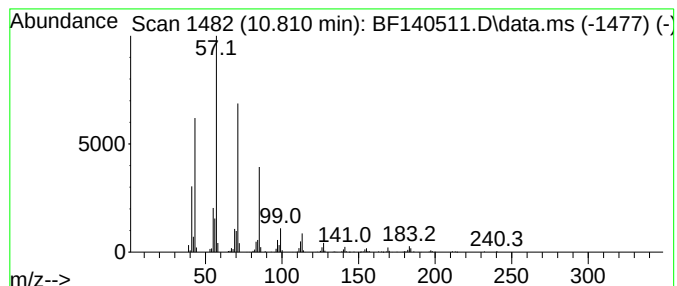
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	9.24 ng	400936	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
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ClientSampleId :
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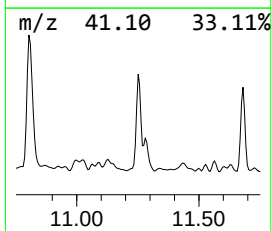
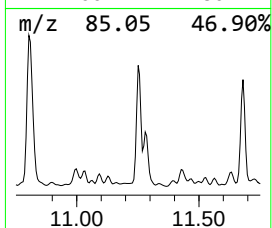
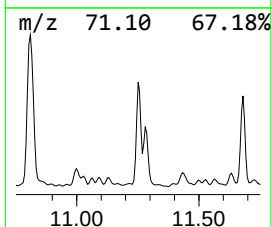
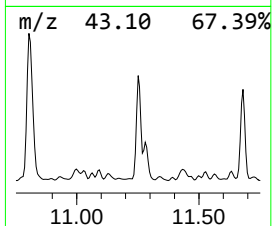
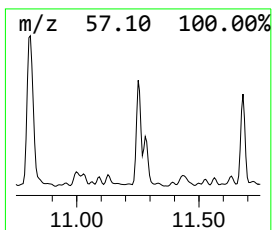
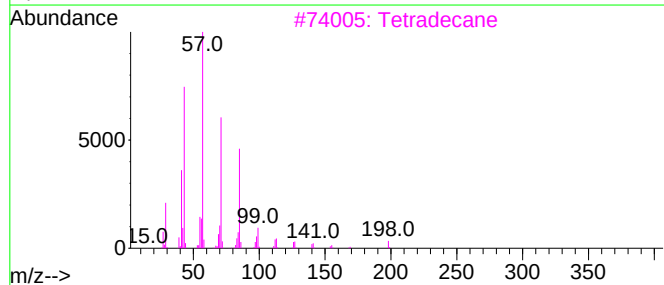
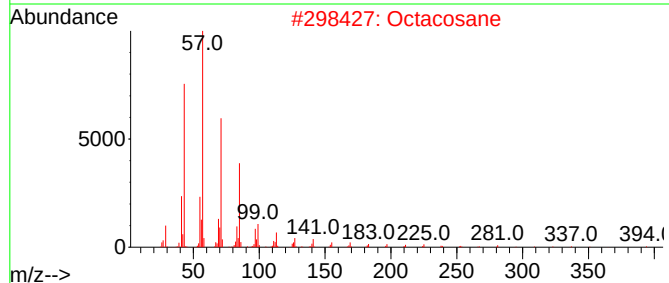
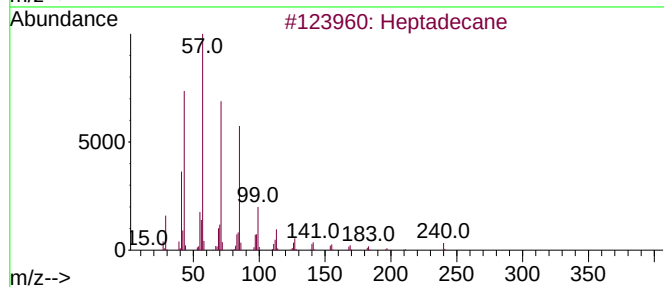
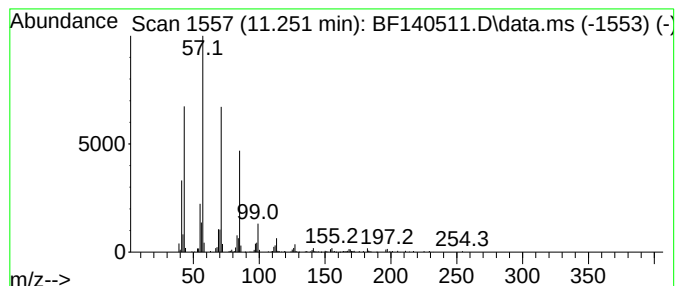
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	4.99 ng	216429	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
Acq On : 20 Nov 2024 20:28
Operator : RC/JU
Sample : P4909-01
Misc :
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Instrument :
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ClientSampleId :
BU-02-111824

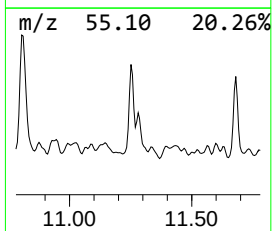
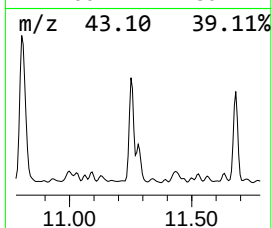
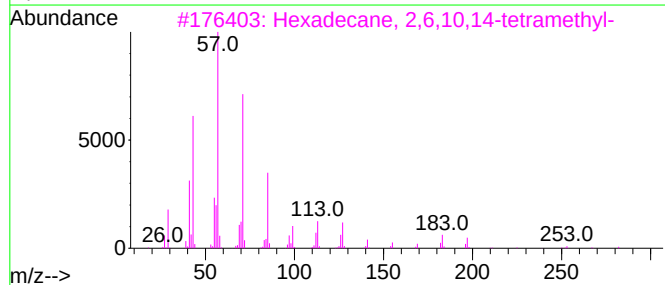
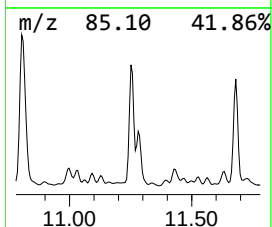
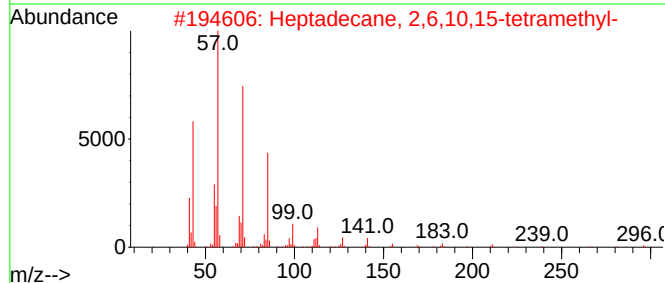
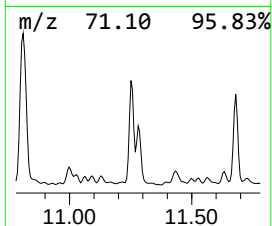
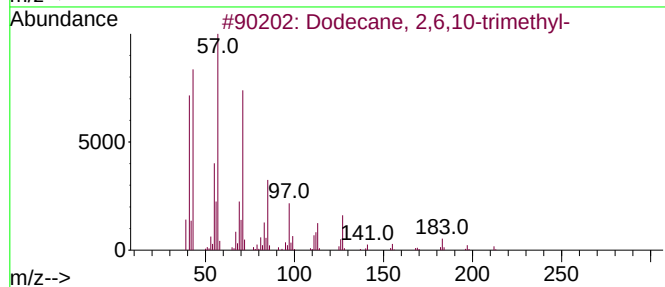
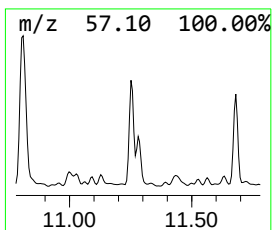
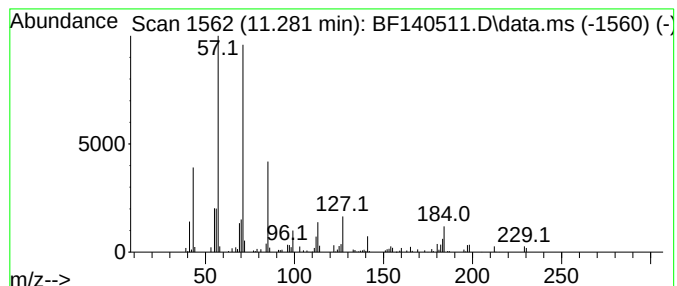
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	2.67 ng	116017	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
Acq On : 20 Nov 2024 20:28
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Sample : P4909-01
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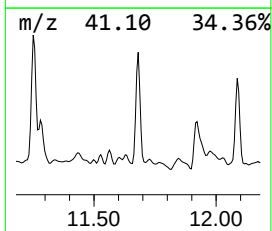
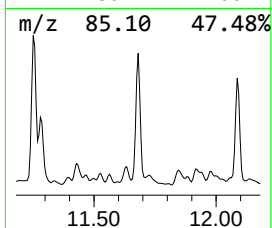
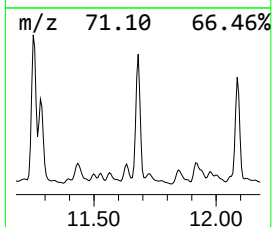
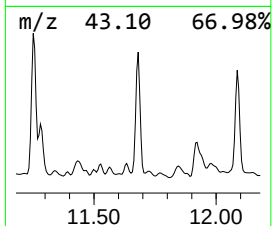
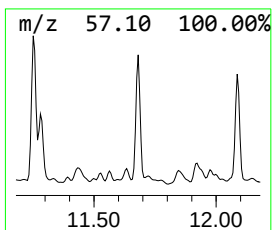
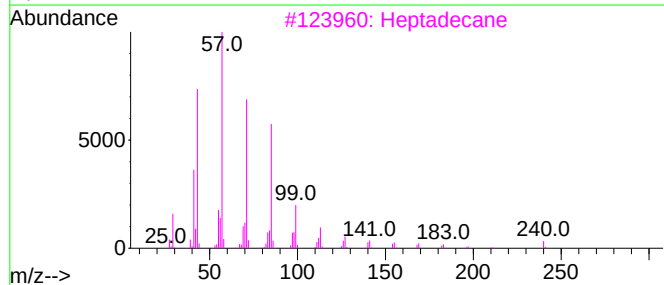
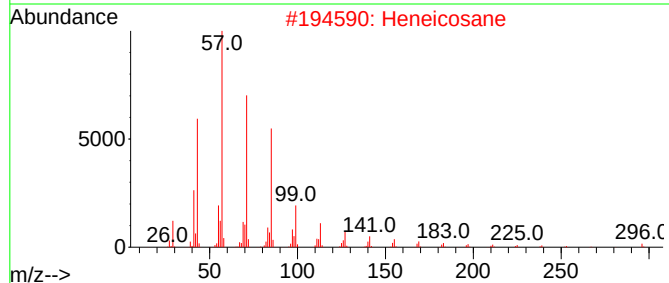
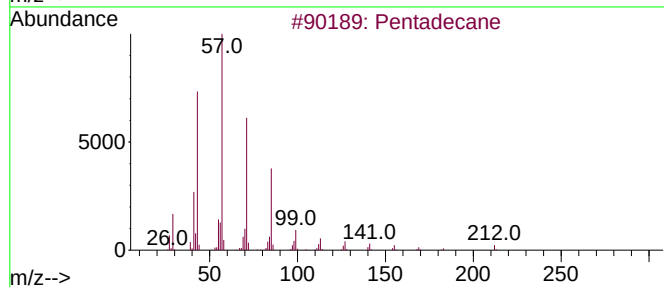
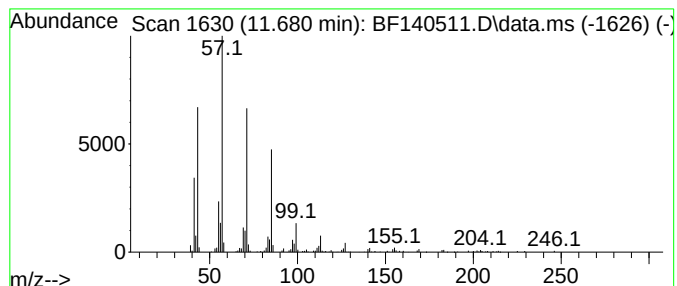
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.681	3.95 ng	171388	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
Acq On : 20 Nov 2024 20:28
Operator : RC/JU
Sample : P4909-01
Misc :
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Instrument :
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ClientSampleId :
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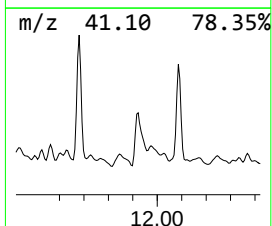
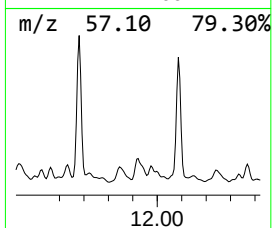
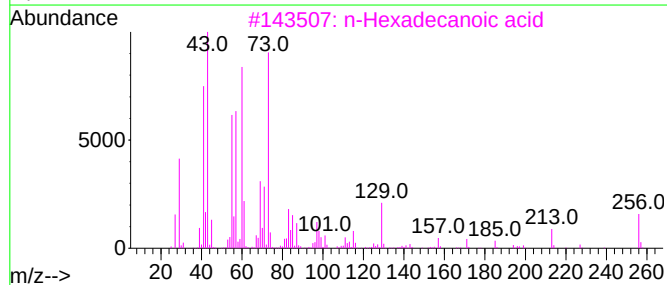
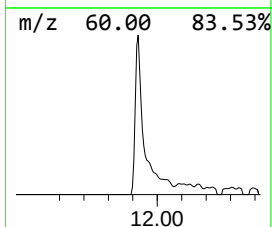
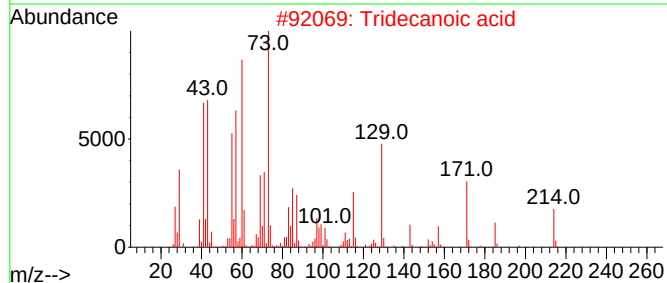
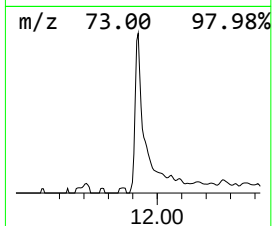
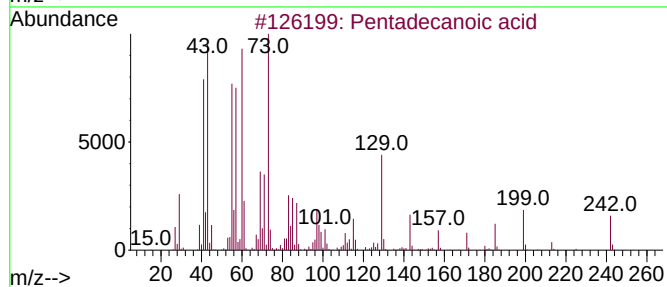
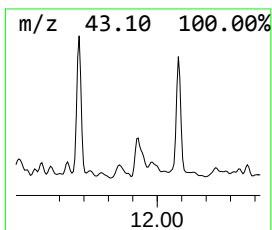
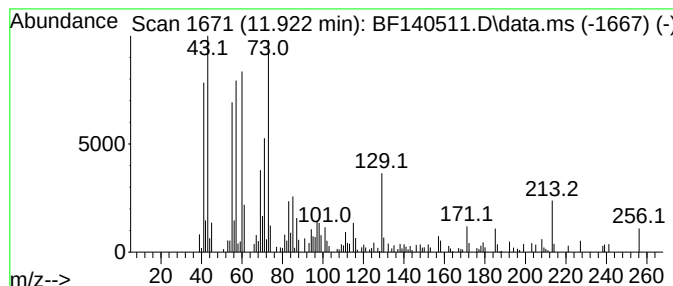
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.61 ng	113262	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2			Tridecanoic acid	214	C13H26O2	000638-53-9	76
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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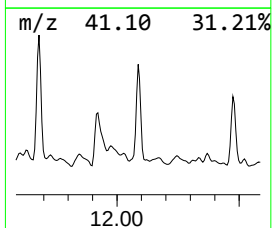
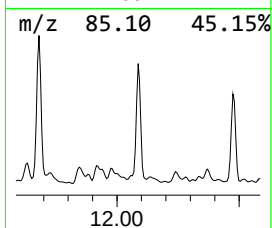
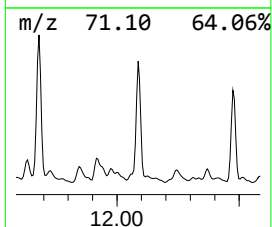
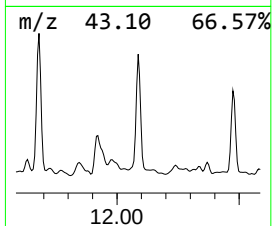
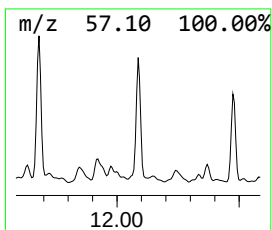
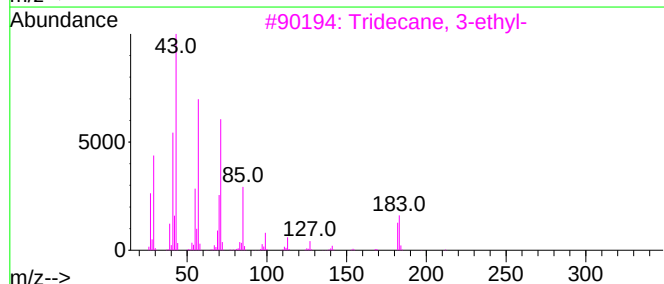
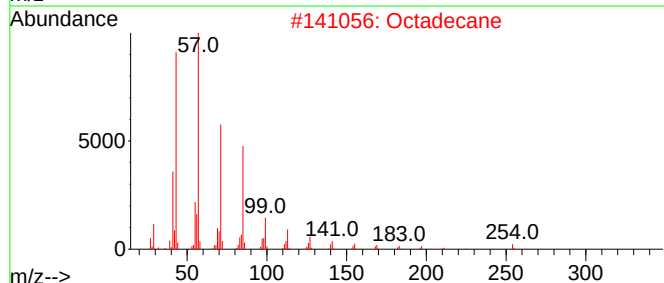
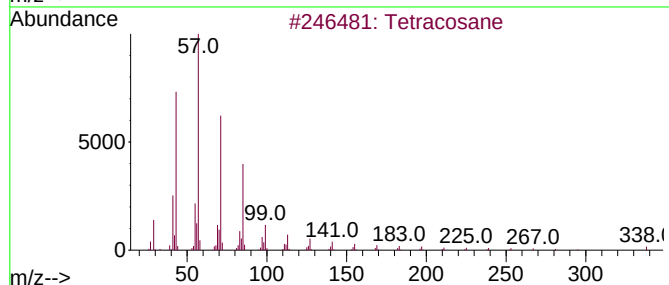
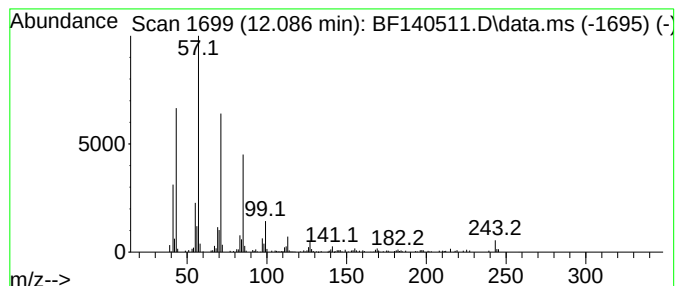
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	3.55 ng	153894	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	87
2		Octadecane	254	C18H38	000593-45-3	87
3		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
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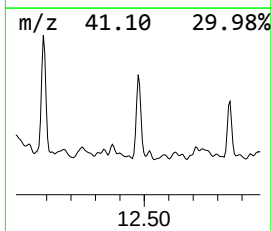
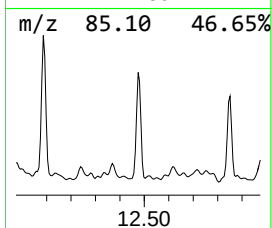
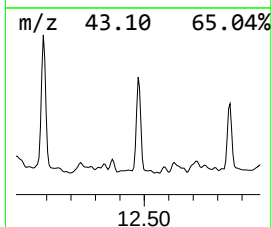
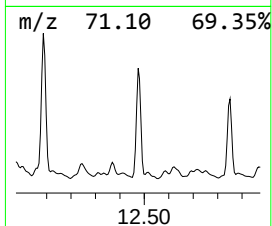
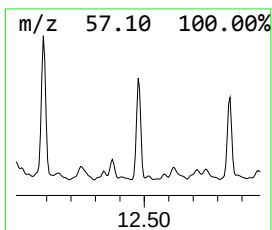
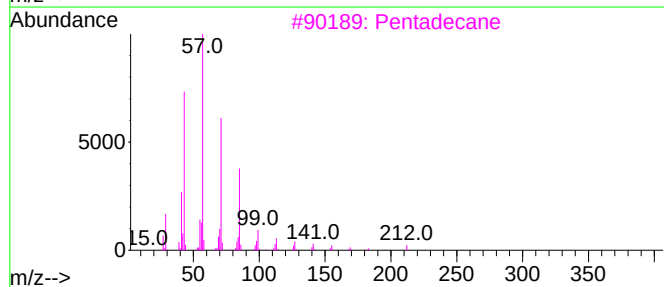
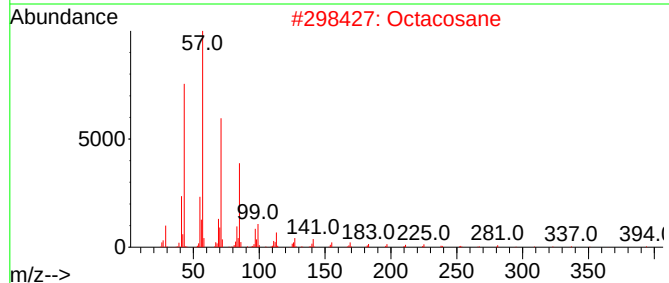
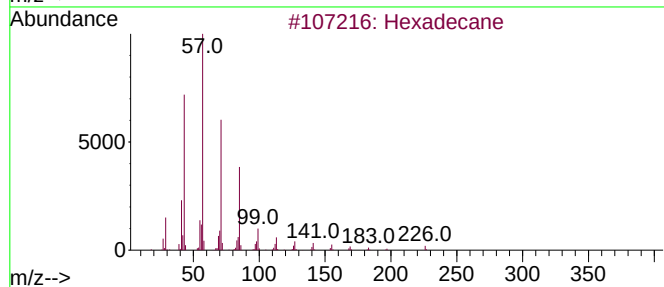
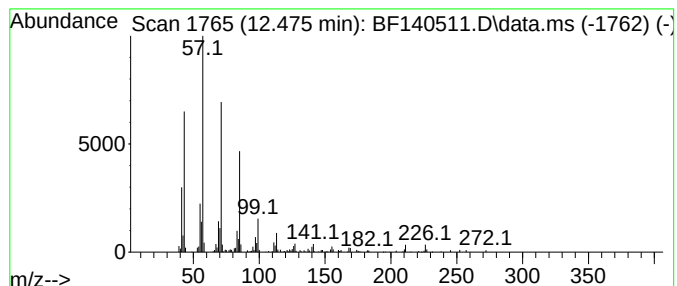
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	3.16 ng	137130	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Octacosane	394	C28H58	000630-02-4	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Heptacosane	380	C27H56	000593-49-7	87
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
Acq On : 20 Nov 2024 20:28
Operator : RC/JU
Sample : P4909-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-111824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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...	2.146	24.4	ng	878660	1	6.875	721151	20.0
Tetradecane	9.834	3.2	ng	138161	3	9.904	863874	20.0
Hexadecane	10.334	4.7	ng	203429	3	9.904	863874	20.0
Tridecane	10.551	3.0	ng	130620	3	9.904	863874	20.0
Benzophenone	10.616	3.8	ng	164806	3	9.904	863874	20.0
Heptadecane	10.810	9.2	ng	400936	4	11.398	868064	20.0
Octacosane	11.251	5.0	ng	216429	4	11.398	868064	20.0
Dodecane, 2,6,1...	11.281	2.7	ng	116017	4	11.398	868064	20.0
Pentadecane	11.681	4.0	ng	171388	4	11.398	868064	20.0
Pentadecanoic acid	11.922	2.6	ng	113262	4	11.398	868064	20.0
Tetracosane	12.086	3.5	ng	153894	4	11.398	868064	20.0
Heptacosane	12.475	3.2	ng	137130	4	11.398	868064	20.0