

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126609.D
 Acq On : 20 Jan 2022 14:31
 Operator : CG/JU
 Sample : N1189-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-1

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-BF011822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	29	38	43	rVB	1258771	1711567	57.69%	4.503%
2	5.204	526	530	535	rVB	120741	145668	4.91%	0.383%
3	5.581	589	594	597	rBV	2810799	2824754	95.20%	7.431%
4	6.575	757	763	766	rBV	2915520	2967060	100.00%	7.805%
5	6.963	825	829	832	rBV	856942	660739	22.27%	1.738%
6	7.522	919	924	927	rBV	1994820	1948685	65.68%	5.126%
7	8.245	1043	1047	1050	rBV	1067376	875381	29.50%	2.303%
8	9.322	1225	1230	1233	rBV	3374829	2919332	98.39%	7.680%
9	10.004	1342	1346	1349	rBV	1214239	956471	32.24%	2.516%
10	10.792	1476	1480	1483	rBV	2051428	1754211	59.12%	4.615%
11	11.498	1596	1600	1603	rBV	1022486	908457	30.62%	2.390%
12	11.680	1607	1631	1655	rVB	496701	2571738	86.68%	6.765%
13	12.010	1681	1687	1692	rBV	226909	225716	7.61%	0.594%
14	12.092	1696	1701	1709	rVV2	35791	108555	3.66%	0.286%
15	12.186	1713	1717	1723	rVB4	49195	84122	2.84%	0.221%
16	12.727	1802	1809	1818	rBV5	35746	93379	3.15%	0.246%
17	12.798	1818	1821	1826	rVV	62674	61557	2.07%	0.162%
18	12.874	1828	1834	1843	rVB2	34542	80542	2.71%	0.212%
19	13.086	1866	1870	1873	rBV	2507587	2119047	71.42%	5.575%
20	13.163	1873	1883	1897	rVB2	929891	2532608	85.36%	6.662%
21	13.304	1905	1907	1917	rVB2	21672	44046	1.48%	0.116%
22	13.710	1971	1976	1983	rVB3	56037	117956	3.98%	0.310%
23	13.792	1984	1990	1997	rVB3	35356	74675	2.52%	0.196%
24	13.992	2017	2024	2039	rBV3	1013951	2482882	83.68%	6.532%
25	14.115	2039	2045	2046	rVV	64633	84084	2.83%	0.221%
26	14.139	2046	2049	2053	rVB	575995	533305	17.97%	1.403%
27	14.404	2090	2094	2100	rVV3	48448	74756	2.52%	0.197%
28	14.463	2100	2104	2110	rVB2	51056	79419	2.68%	0.209%
29	14.621	2123	2131	2148	rBV	1035063	2239950	75.49%	5.893%
30	14.751	2149	2153	2159	rVB2	49262	86913	2.93%	0.229%
31	14.939	2182	2185	2191	rBV5	27162	52966	1.79%	0.139%
32	14.992	2191	2194	2201	rVB3	53719	99446	3.35%	0.262%
33	15.062	2201	2206	2212	rVB4	26195	58115	1.96%	0.153%
34	15.239	2228	2236	2244	rBV	872656	1555979	52.44%	4.093%
35	15.410	2259	2265	2271	rVB3	43159	82499	2.78%	0.217%
36	15.668	2304	2309	2315	rBV2	466684	594320	20.03%	1.563%

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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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37	15.751	2318	2323	2331	rVB4	31677	69823	2.35%	0.184%
38	15.945	2348	2356	2364	rBV	517134	1216769	41.01%	3.201%
39	16.021	2365	2369	2381	rVB9	45532	134035	4.52%	0.353%
40	16.162	2387	2393	2400	rBV3	35637	88326	2.98%	0.232%
41	16.227	2400	2404	2409	rBV3	47770	84731	2.86%	0.223%
42	16.327	2415	2421	2429	rVB6	87872	206928	6.97%	0.544%
43	16.539	2453	2457	2465	rVB6	21580	51615	1.74%	0.136%
44	16.756	2485	2494	2506	rBV	344807	878213	29.60%	2.310%
45	17.033	2534	2541	2548	rBV3	27760	78556	2.65%	0.207%
46	17.468	2609	2615	2626	rVB8	27564	83063	2.80%	0.219%
47	17.715	2647	2657	2669	rBV	224909	723911	24.40%	1.904%
48	18.056	2709	2715	2721	rBV4	20788	52195	1.76%	0.137%
49	18.850	2839	2850	2870	rVB4	140433	533869	17.99%	1.404%

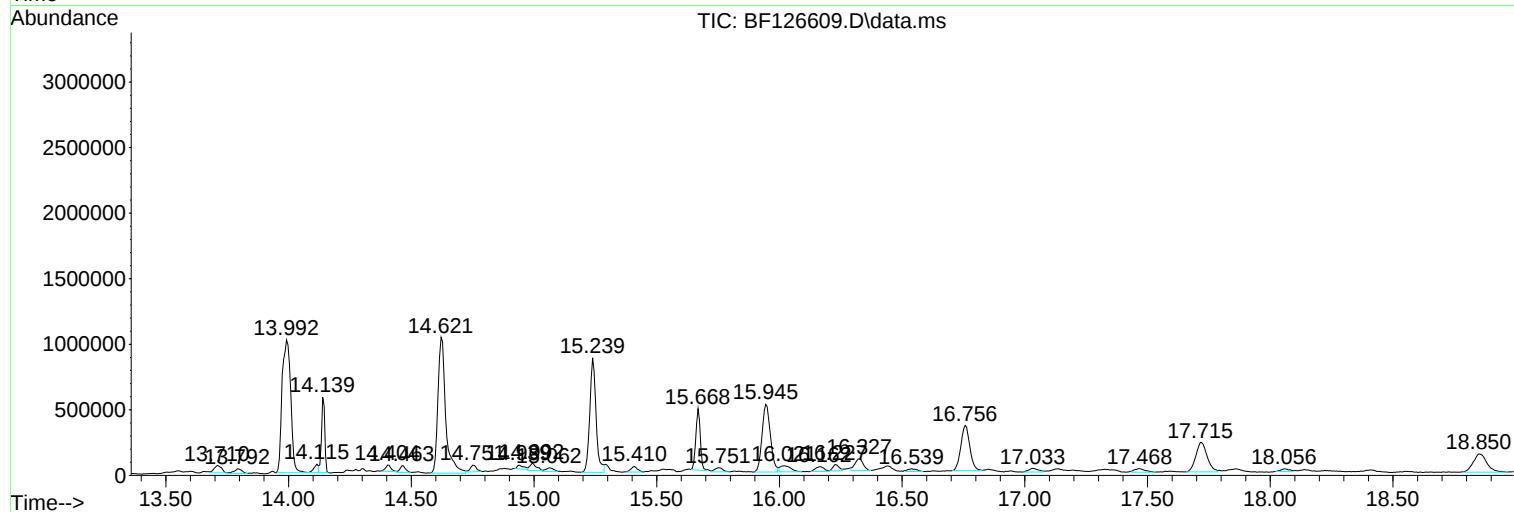
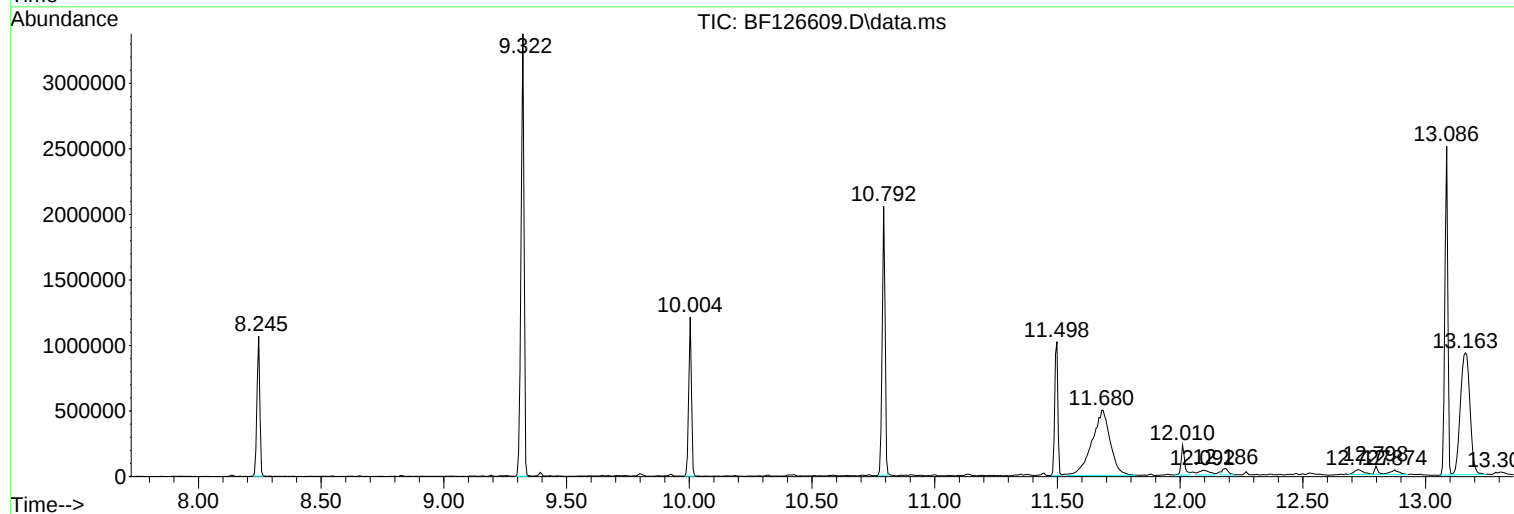
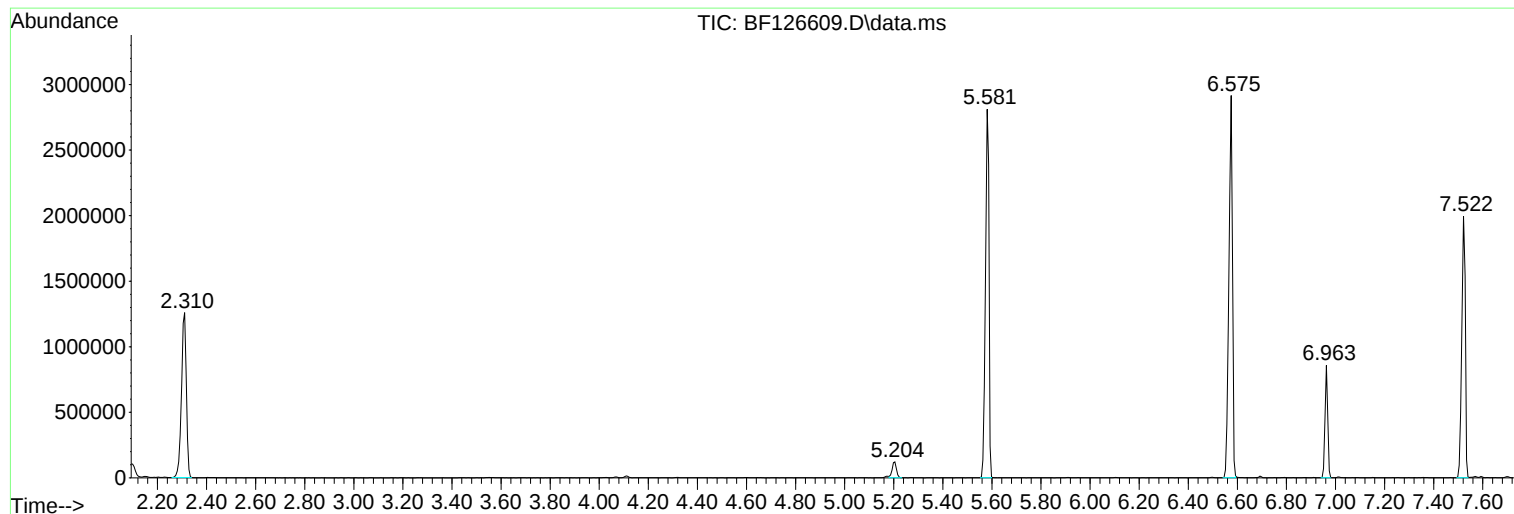
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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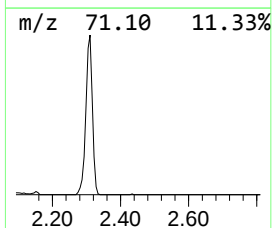
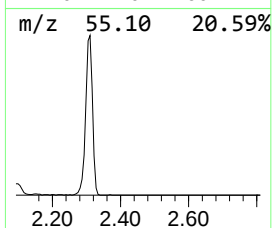
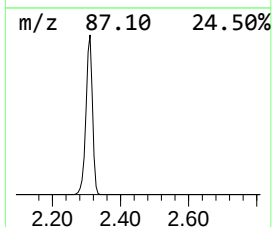
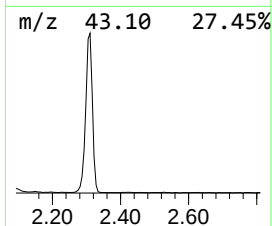
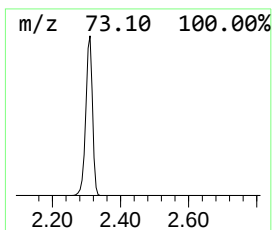
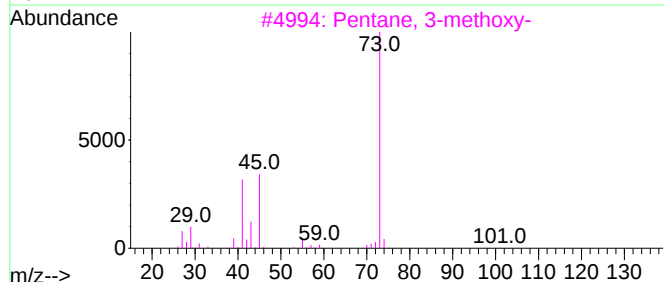
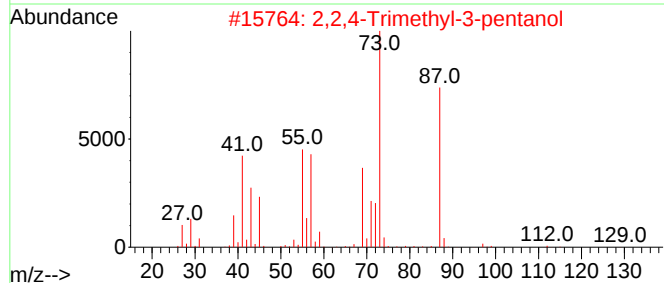
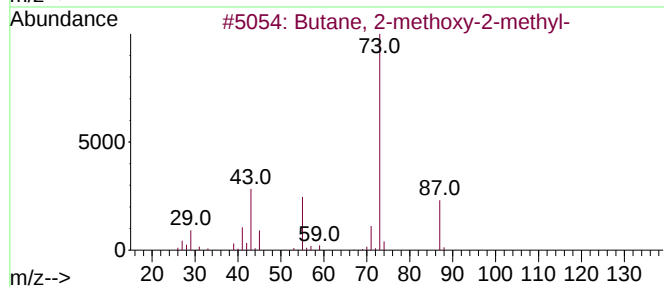
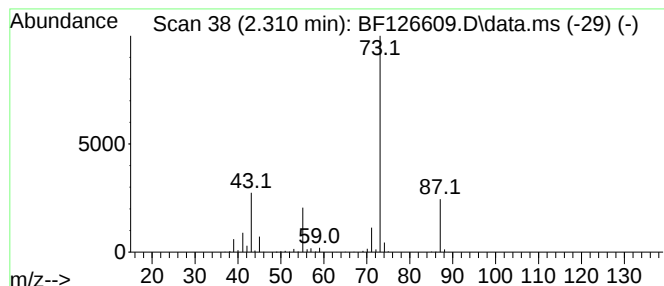
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.310	51.81 ng	1711570	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	43
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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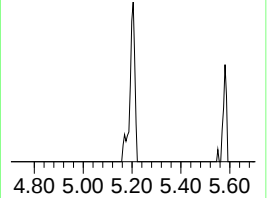
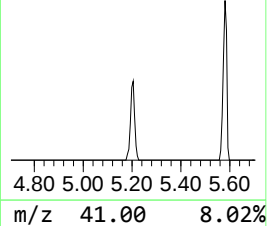
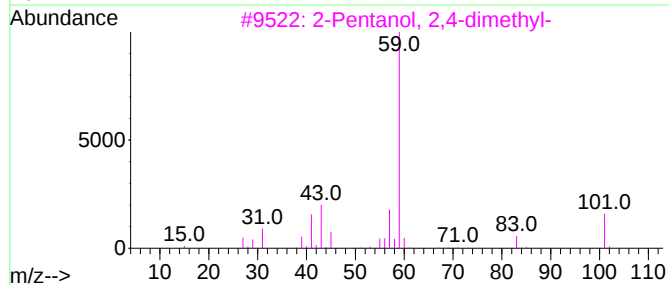
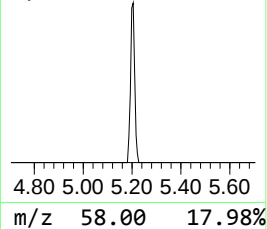
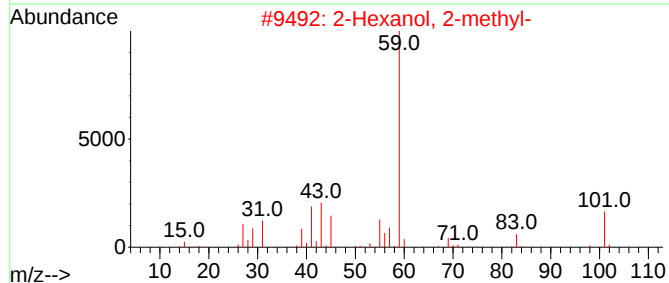
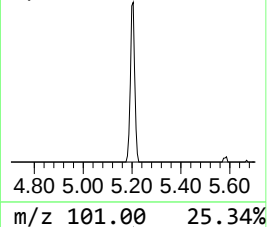
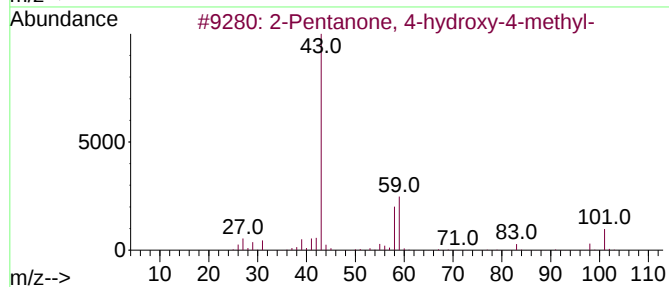
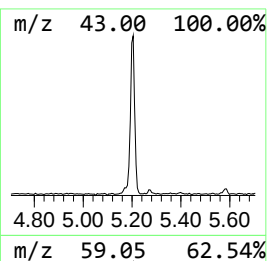
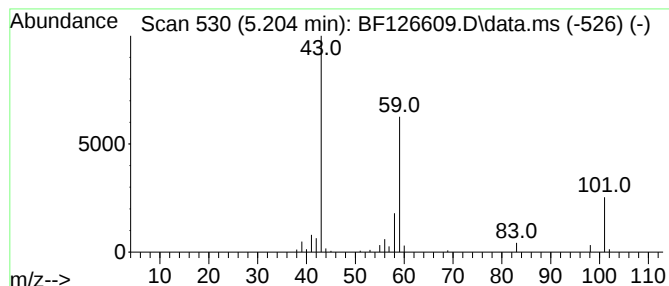
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	4.41 ng	145668	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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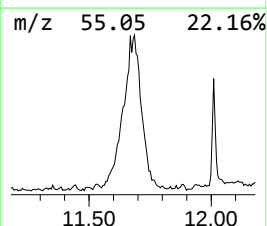
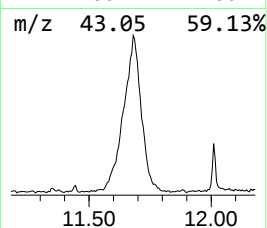
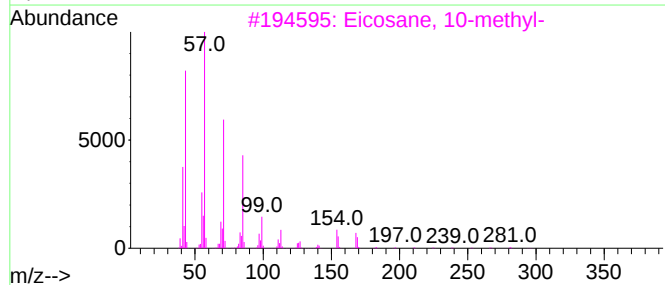
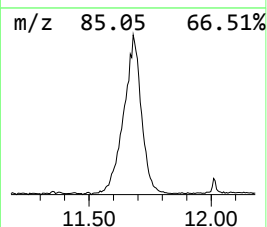
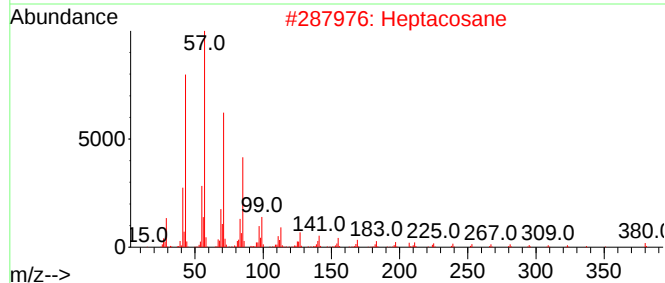
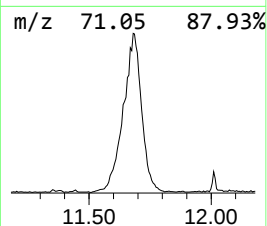
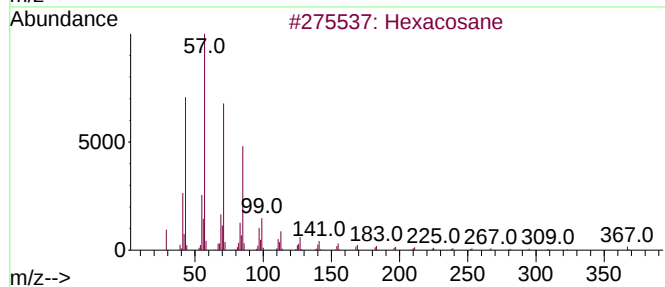
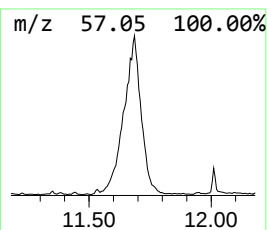
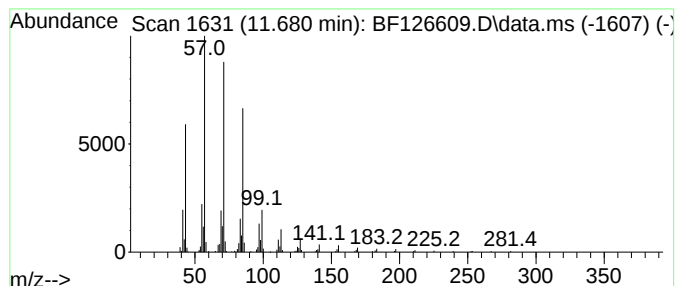
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	56.62 ng	2571740	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4			Hexadecane	226	C16H34	000544-76-3	80
5			Heneicosane	296	C21H44	000629-94-7	64



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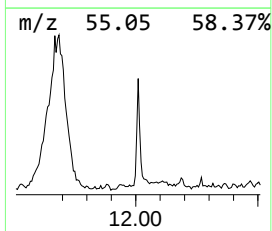
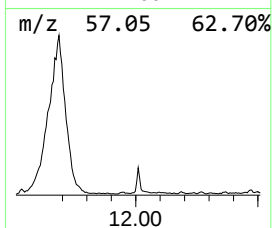
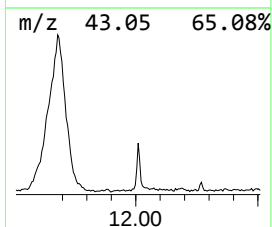
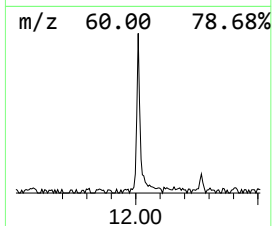
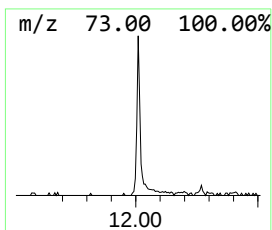
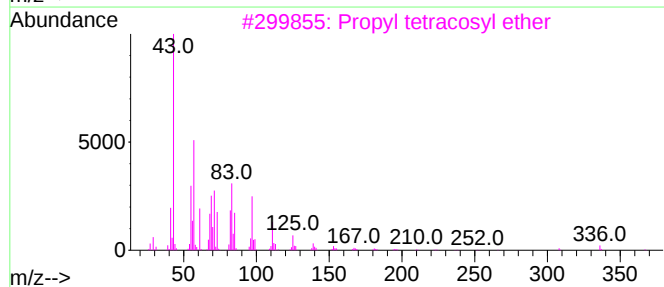
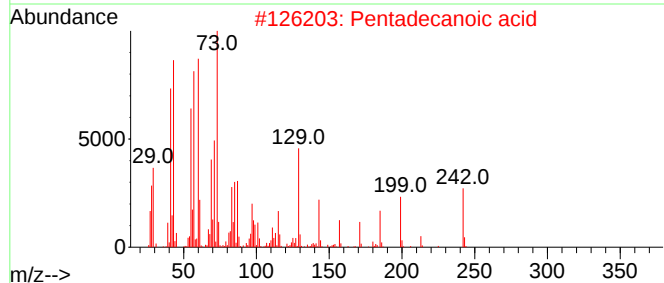
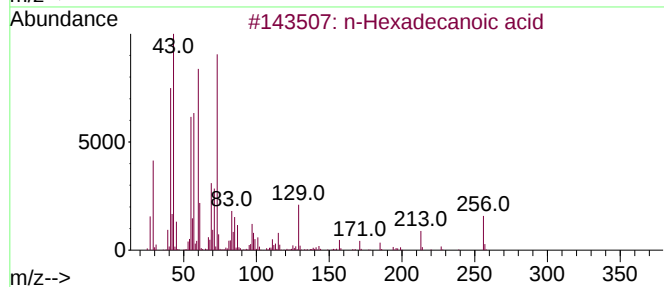
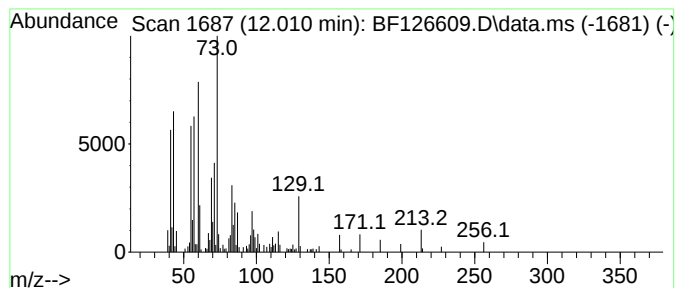
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.97 ng	225716	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3			Propyl tetracosyl ether	396	C27H56O	1000406-28-3	30
4			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	20



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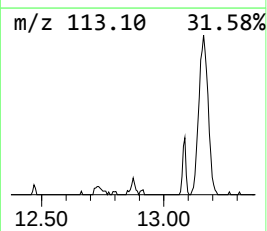
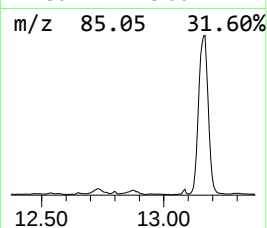
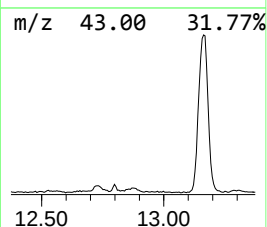
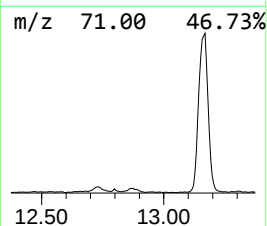
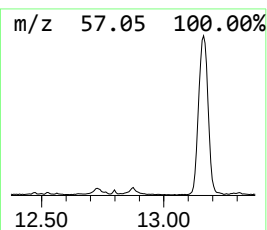
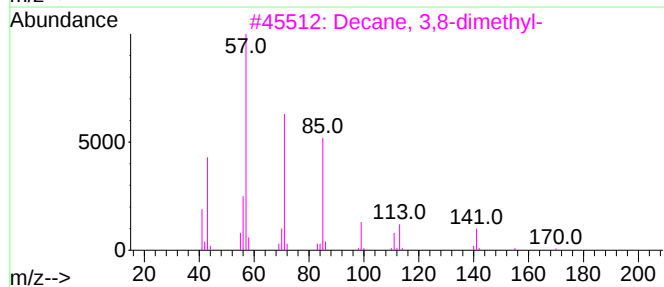
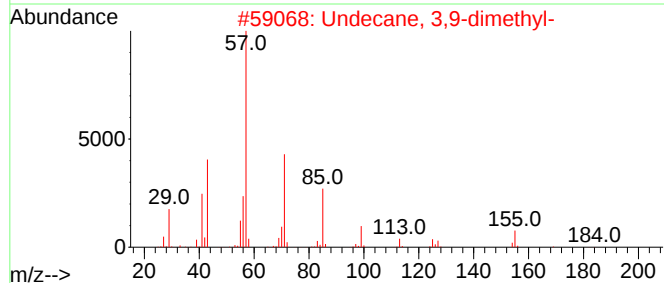
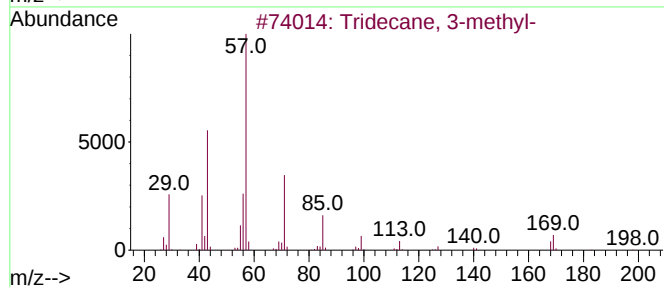
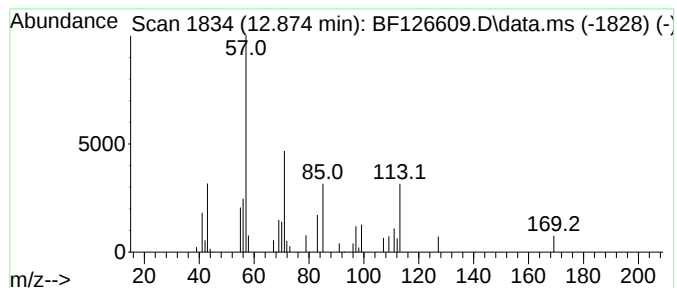
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.874	3.02 ng	80542	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
5			Hexatriacontane	507	C36H74	000630-06-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
Operator : CG/JU
Sample : N1189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-1

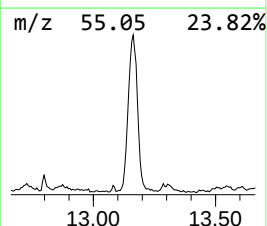
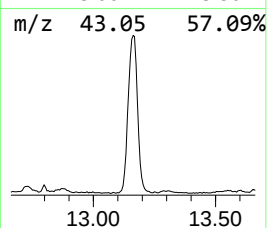
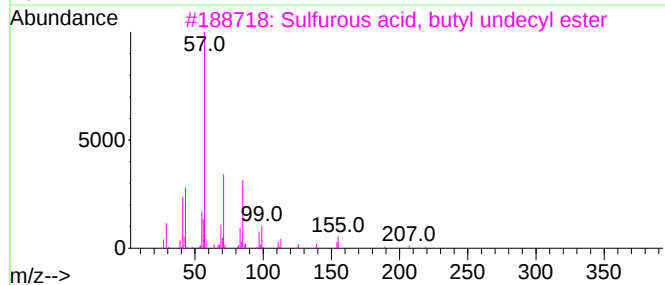
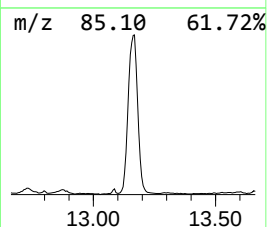
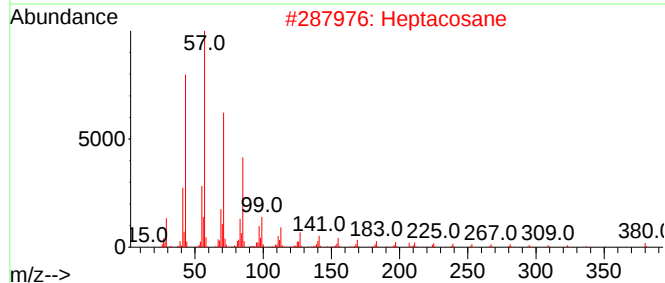
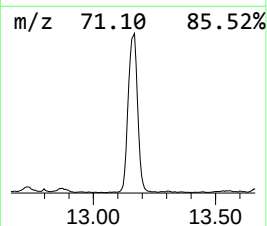
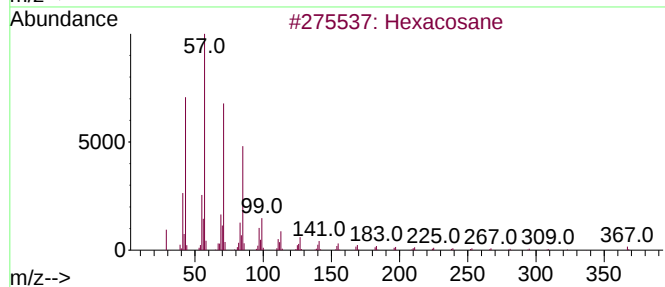
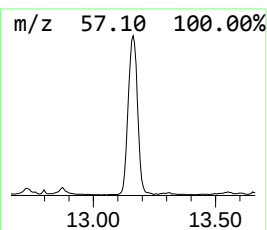
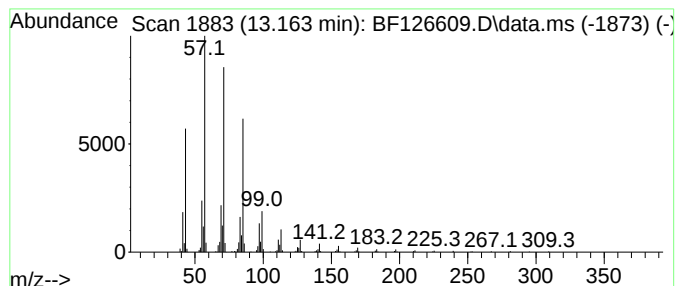
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	94.98 ng	2532610	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heptacosane	380	C27H56	000593-49-7	86
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
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ALS Vial : 5 Sample Multiplier: 1

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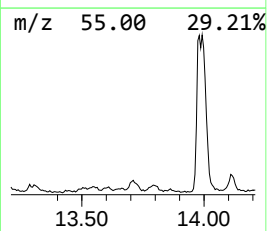
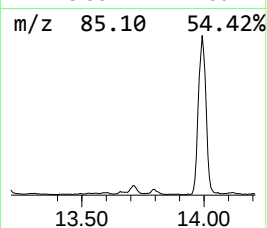
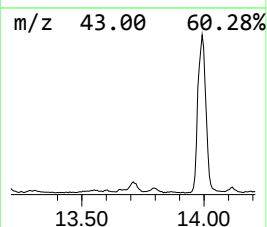
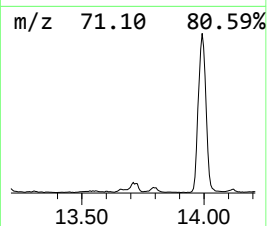
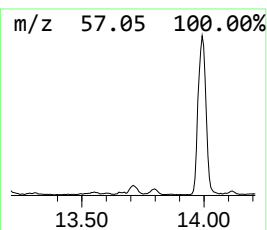
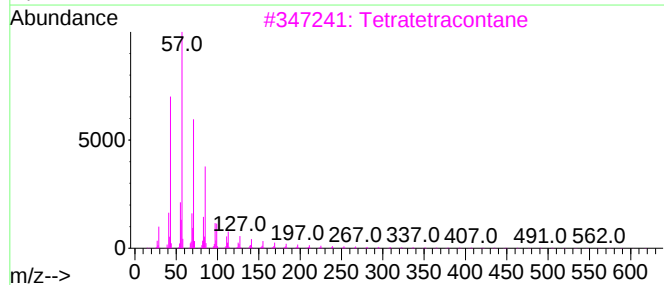
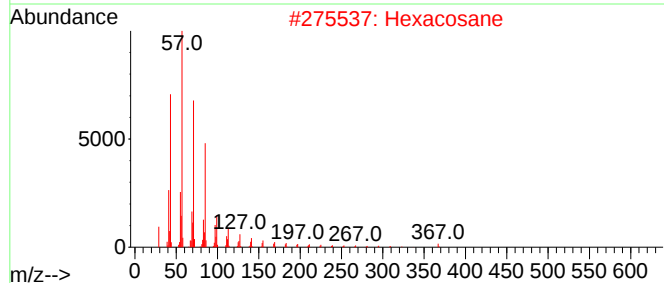
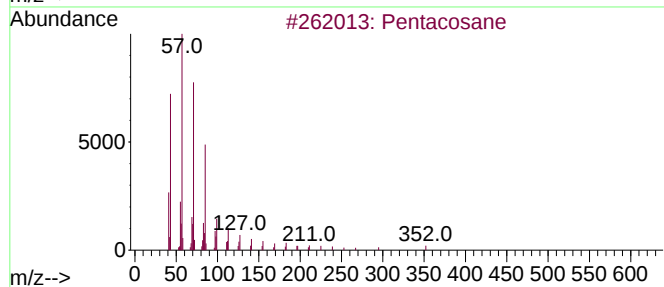
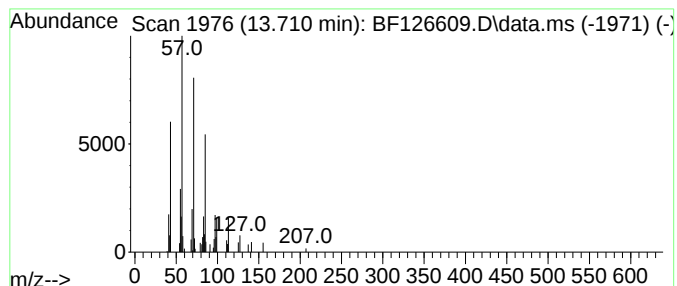
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	4.42 ng	117956	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5			Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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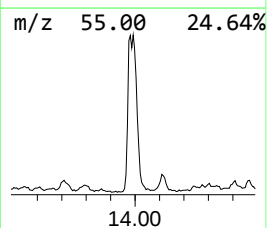
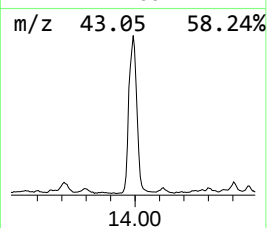
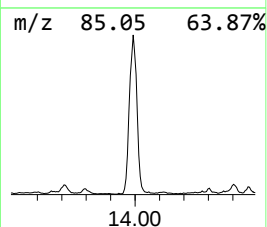
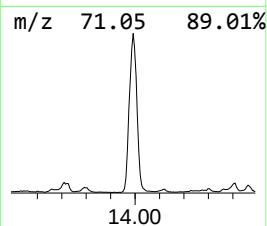
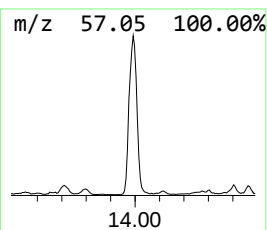
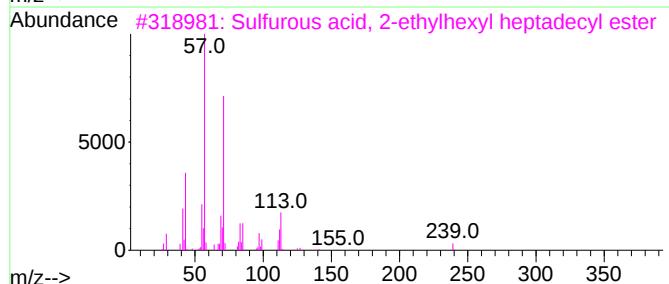
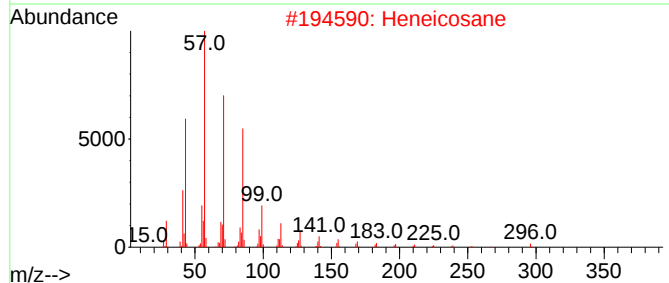
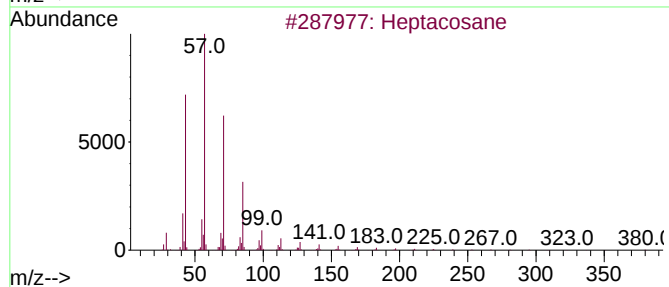
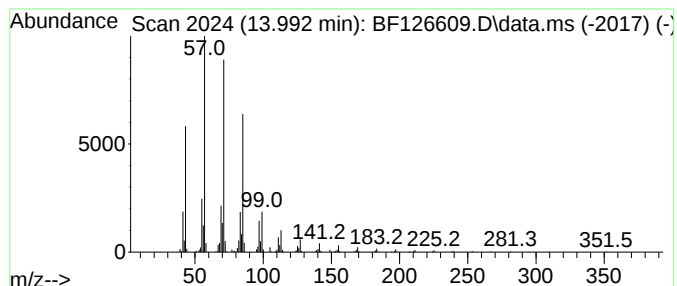
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	93.11 ng	2482880	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	83
2			Heneicosane	296	C21H44	000629-94-7	64
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	58
4			Hexacosane	366	C26H54	000630-01-3	58
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
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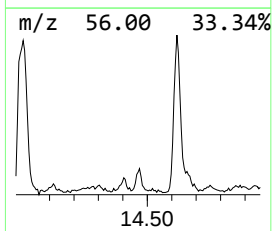
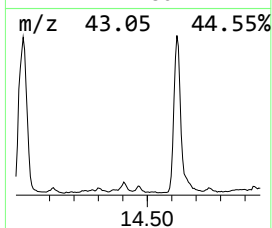
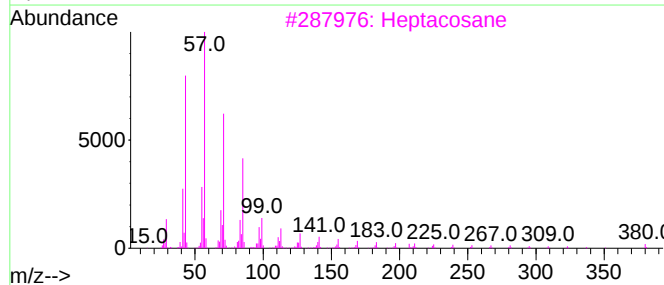
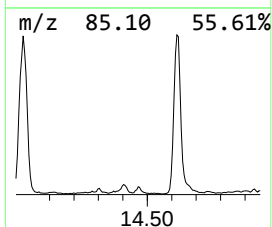
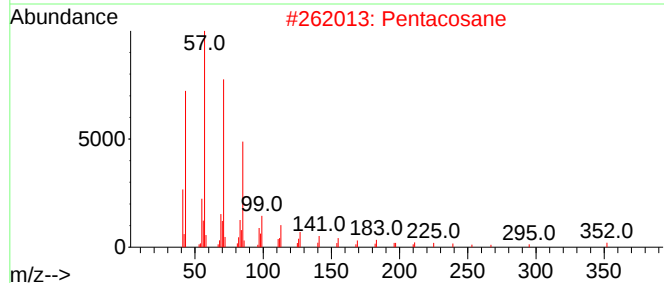
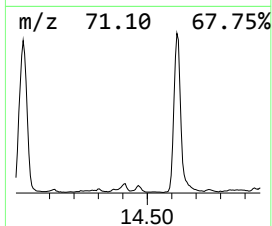
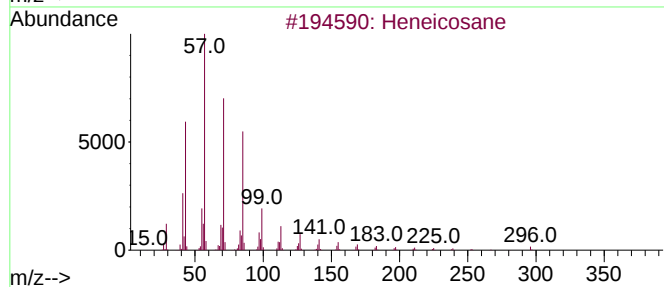
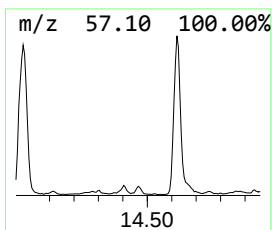
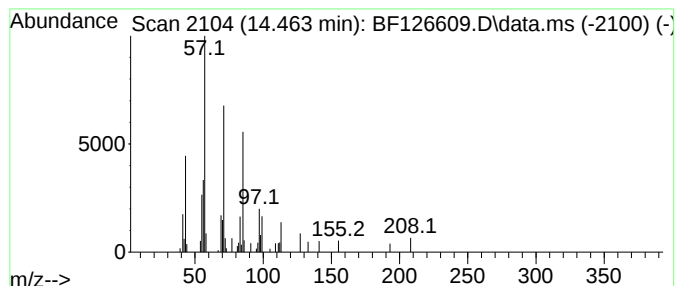
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tritetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	2.98 ng	79419	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	74
2			Pentacosane	352	C25H52	000629-99-2	74
3			Heptacosane	380	C27H56	000593-49-7	72
4			Hexacosane	366	C26H54	000630-01-3	72
5			Tritetracontane	605	C43H88	007098-21-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
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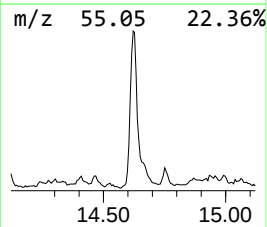
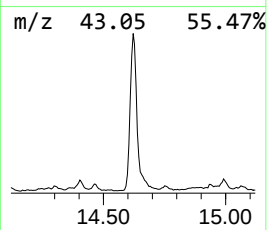
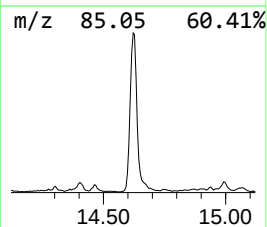
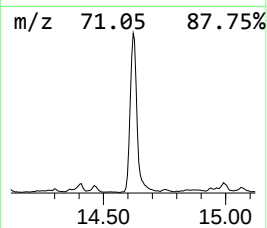
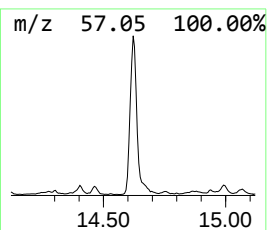
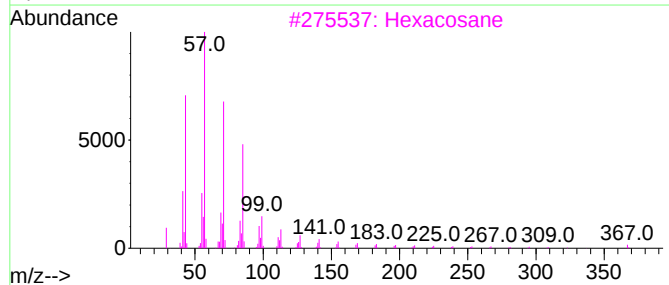
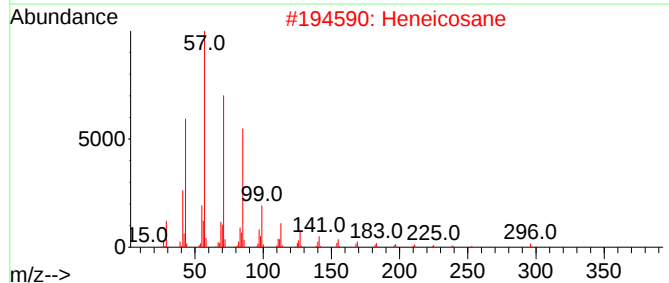
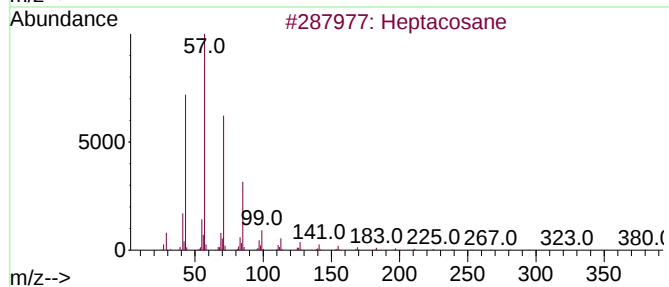
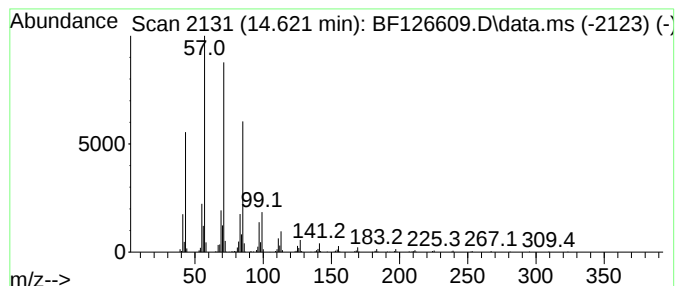
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.621	84.00 ng	2239950	Chrysene-d12	14.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	80
2		Heneicosane	296	C21H44	000629-94-7	68
3		Hexacosane	366	C26H54	000630-01-3	58
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
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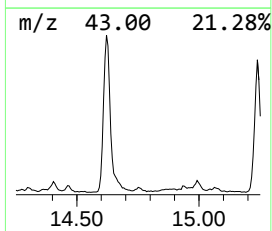
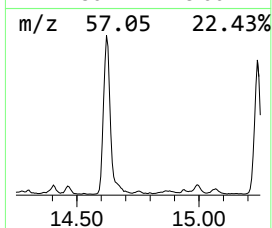
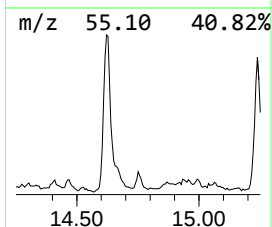
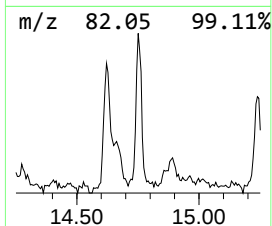
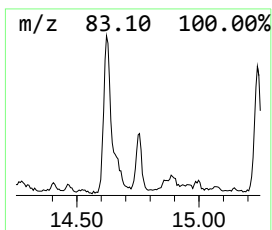
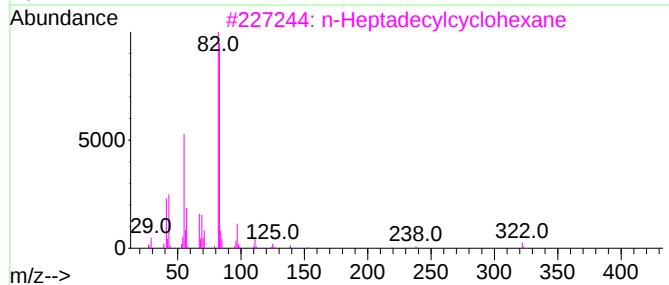
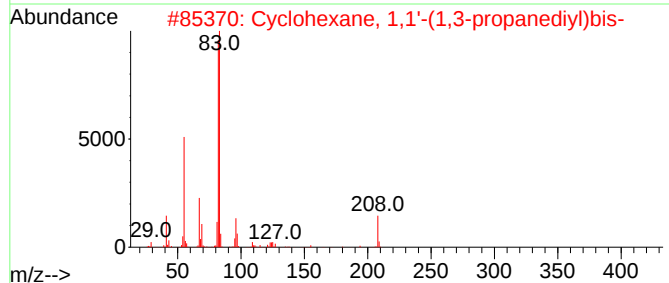
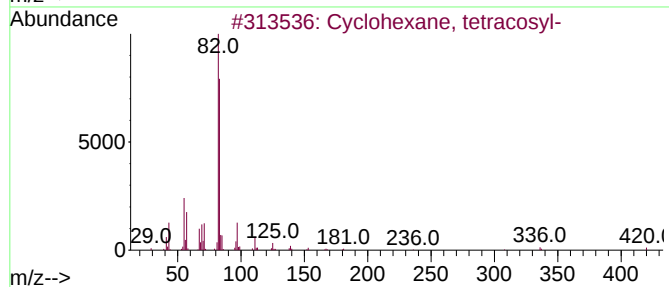
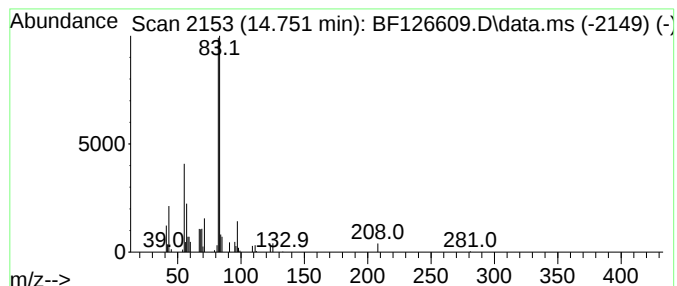
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, tetracosyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	3.26 ng	86913	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, tetracosyl-	420	C30H60	061828-09-9	83
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	78
3			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	78
4			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	78
5			Heptylcyclohexane	182	C13H26	005617-41-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MTR-SOIL-1

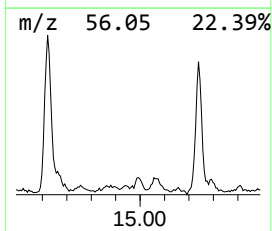
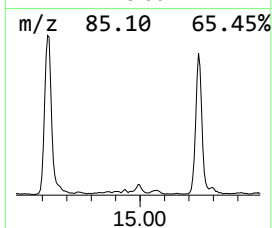
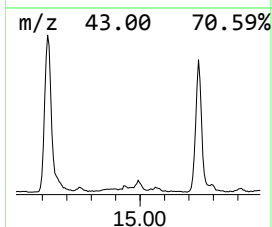
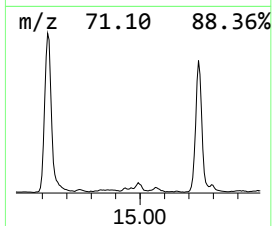
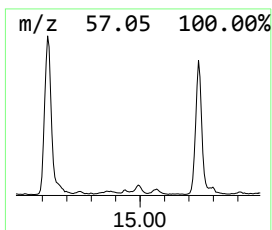
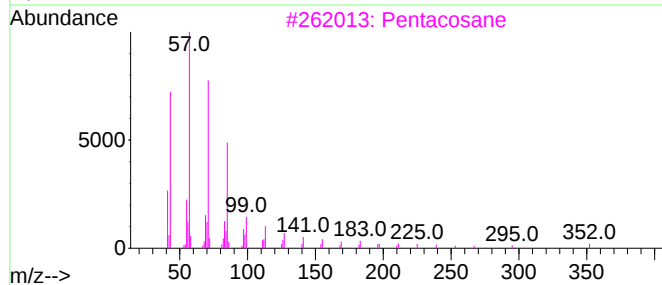
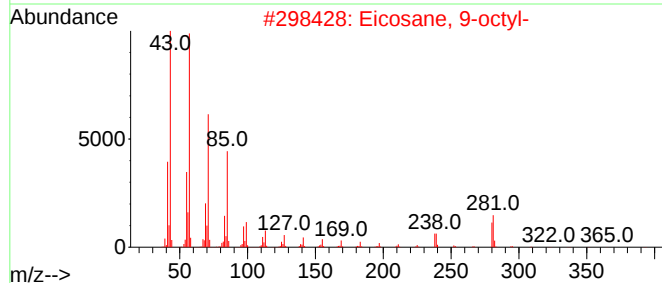
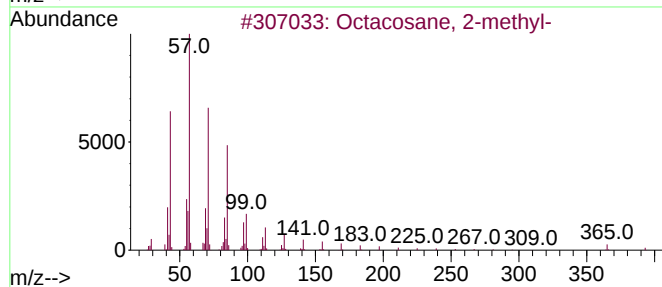
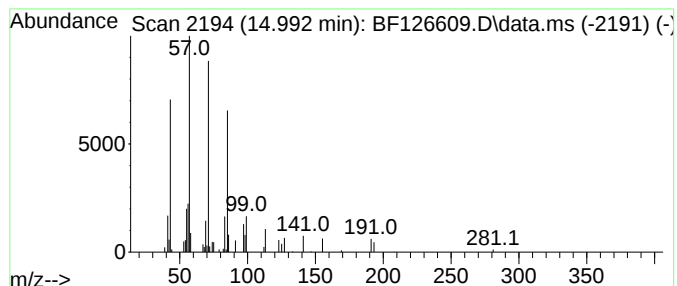
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	3.35 ng	99446	Perylene-d12	15.668

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
2			Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
3			Pentacosane	352	C25H52	000629-99-2	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
Operator : CG/JU
Sample : N1189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MTR-SOIL-1

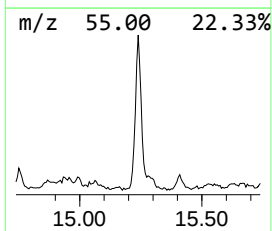
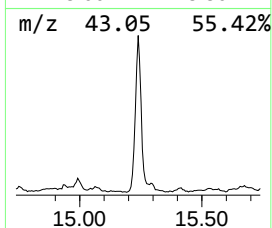
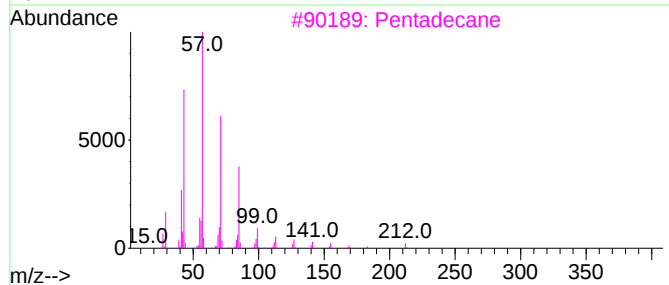
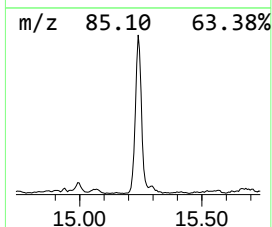
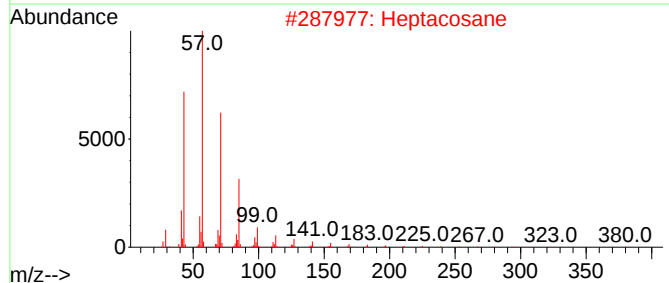
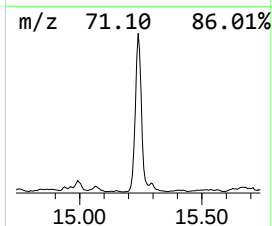
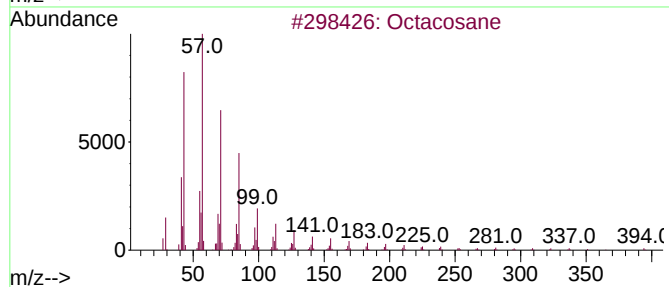
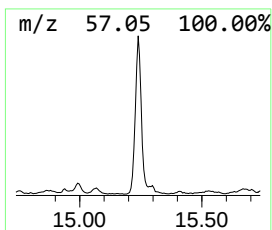
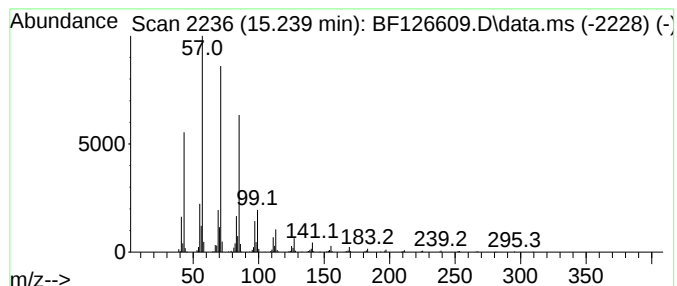
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	52.36 ng	1555980	Perylene-d12	15.668

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	86
2			Heptacosane	380	C27H56	000593-49-7	74
3			Pentadecane	212	C15H32	000629-62-9	64
4			Heneicosane	296	C21H44	000629-94-7	64
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
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Sample : N1189-01
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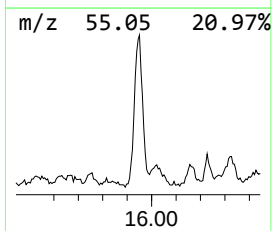
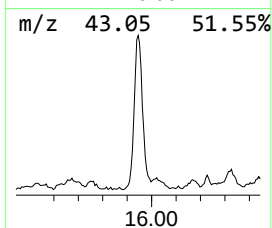
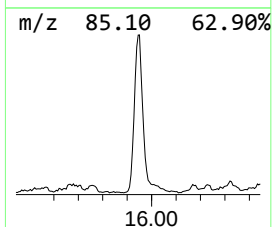
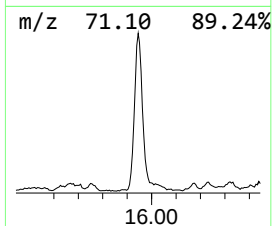
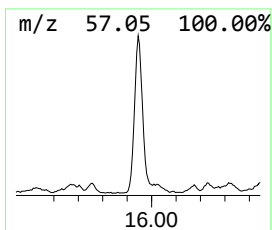
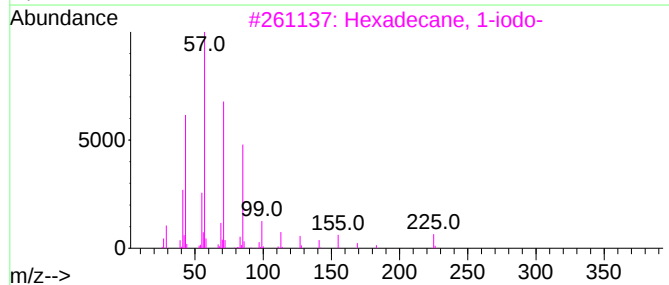
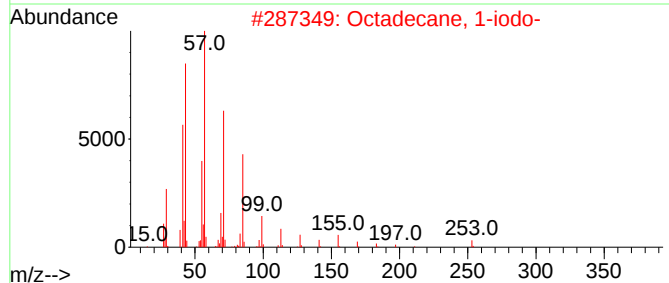
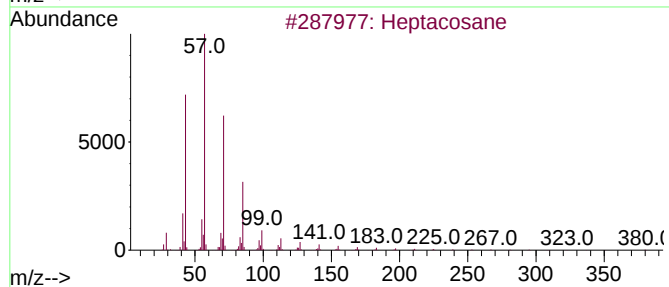
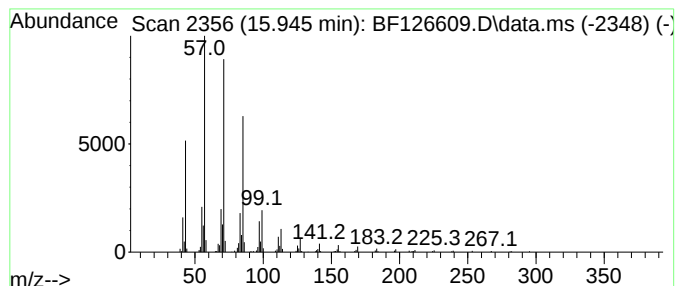
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.945	40.95 ng	1216770	Perylene-d12		15.668	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	86
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	80
4	Octacosane		394	C28H58	000630-02-4	72
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
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Sample : N1189-01
Misc :
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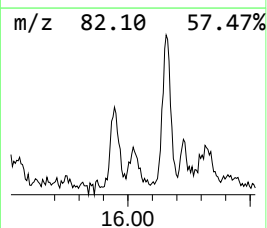
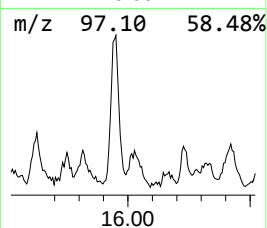
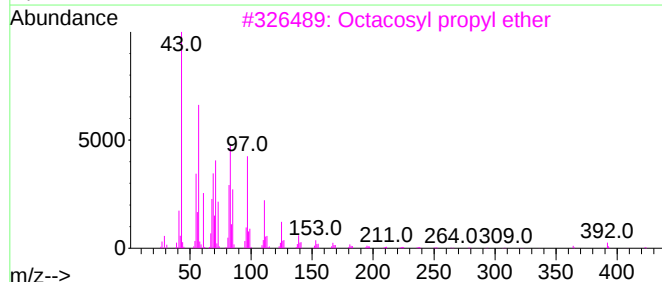
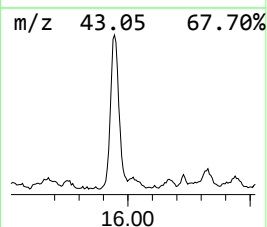
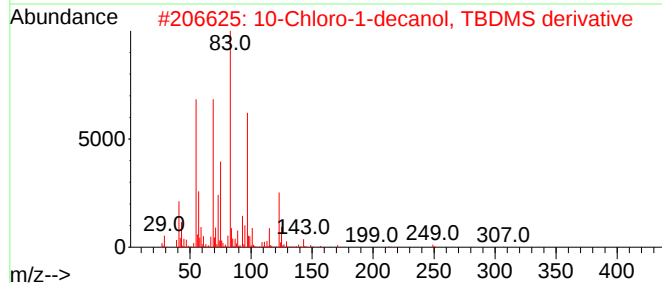
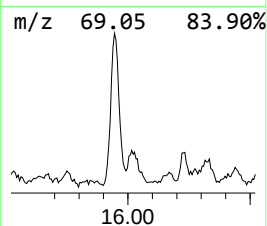
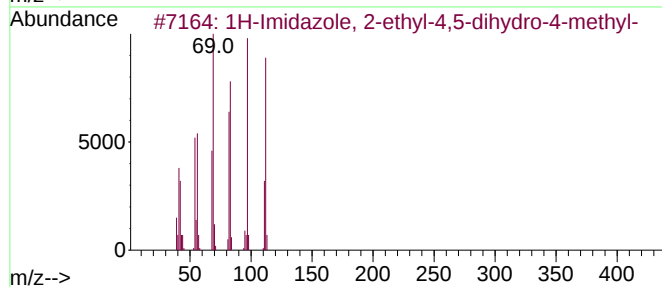
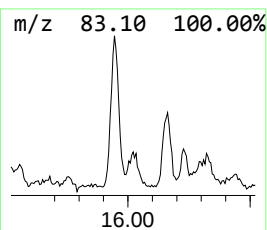
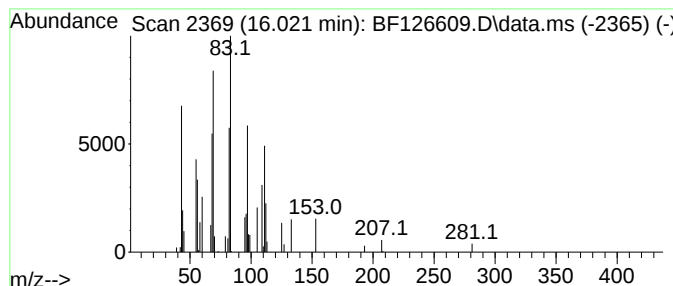
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Imidazole, 2-ethyl-4,5-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.021	4.51 ng	134035	Perylene-d12	15.668	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	53
2	10-Chloro-1-decanol, TBDMS deriv...	306	C16H35ClOSi	1000333-09-1	38
3	Octacosyl propyl ether	452	C31H64O	1000406-28-5	38
4	Cyclohexane, 1,2,3,5-tetraisopro...	252	C18H36	1000156-95-7	35
5	1,5-Pentanediol, 0,0'-di(cyclope...	296	C17H28O4	1000331-08-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
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Sample : N1189-01
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ALS Vial : 5 Sample Multiplier: 1

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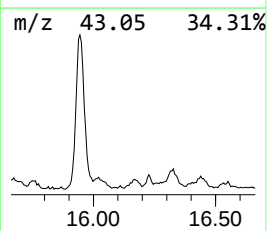
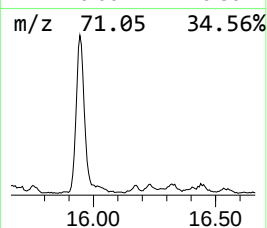
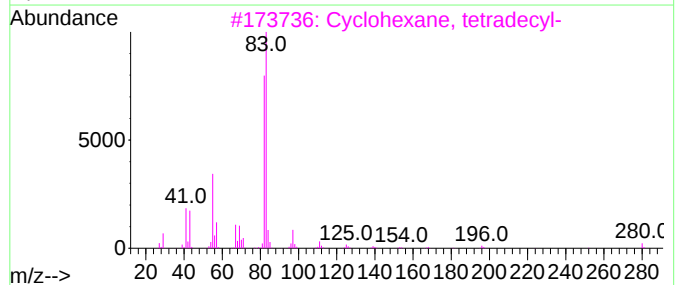
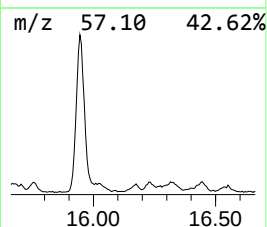
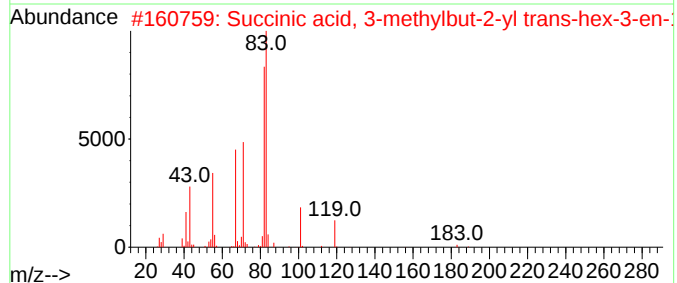
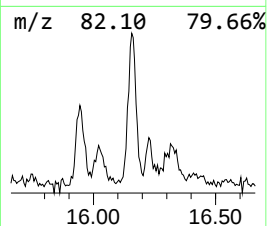
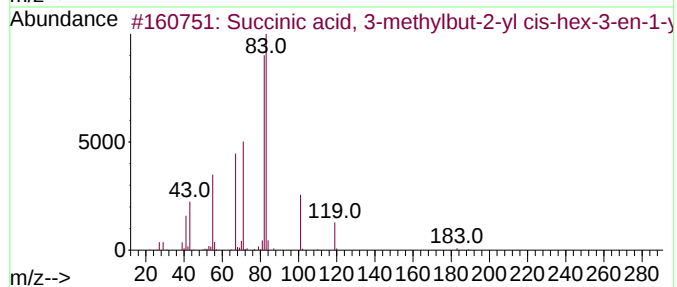
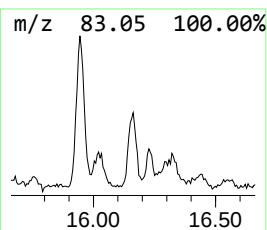
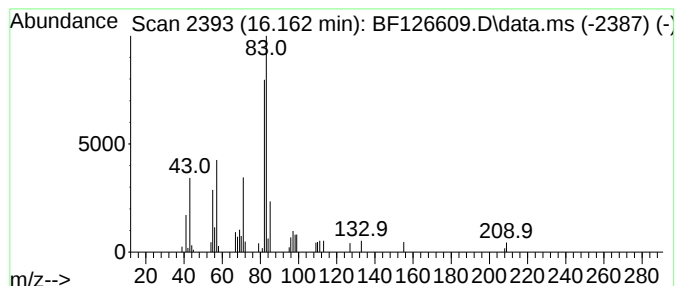
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Succinic acid, 3-methylbut-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.162	2.97 ng	88326	Perylene-d12	15.668

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-08-2	59
2			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	59
3			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	59
4			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	59
5			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
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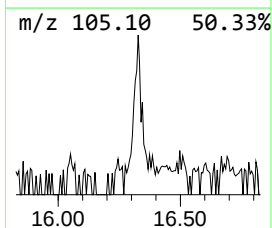
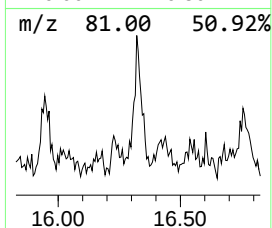
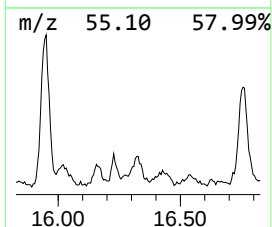
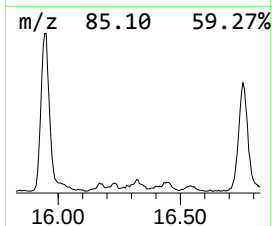
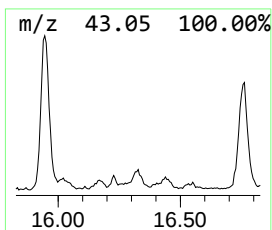
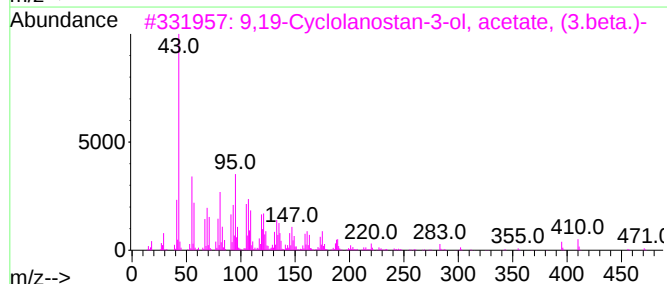
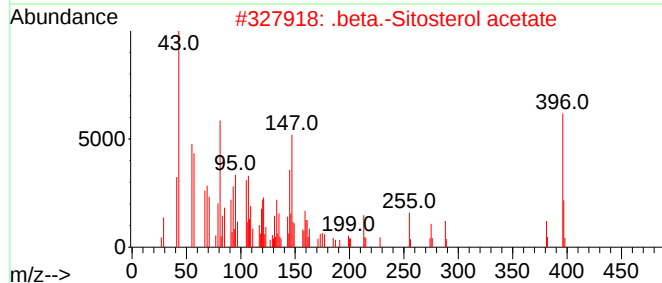
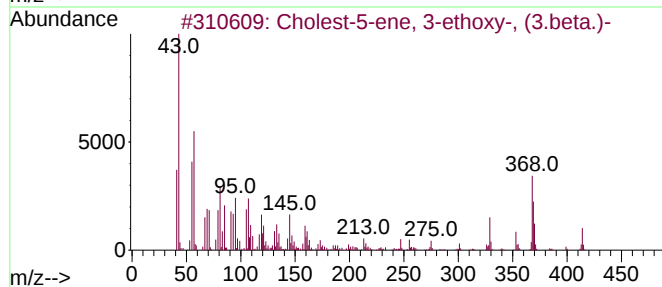
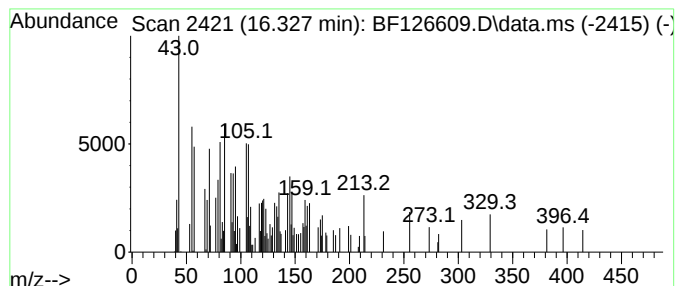
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.327 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	6.96 ng	206928	Perylene-d12	15.668

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	35
2			.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	27
3			9,19-Cyclolanostan-3-ol, acetate...	470	C32H54O2	004575-74-0	14
4			Ledene oxide-(II)	220	C15H24O	1000159-36-7	14
5			Boscactol F	300	C20H28O2	1486443-17-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
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ALS Vial : 5 Sample Multiplier: 1

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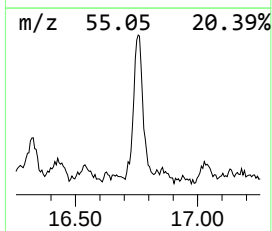
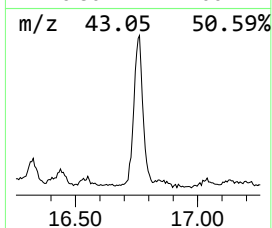
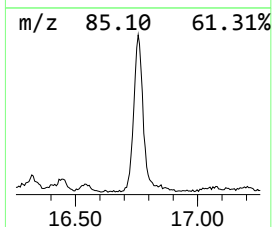
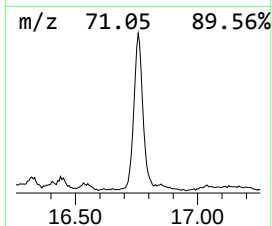
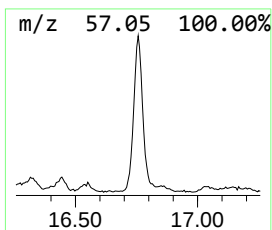
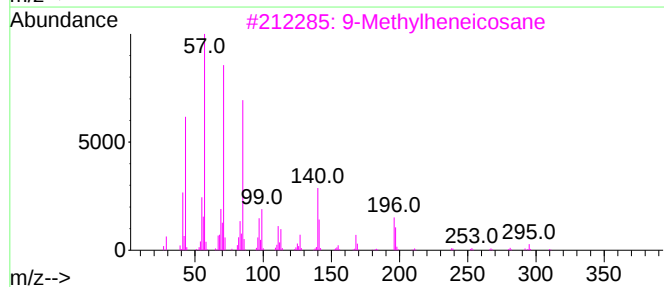
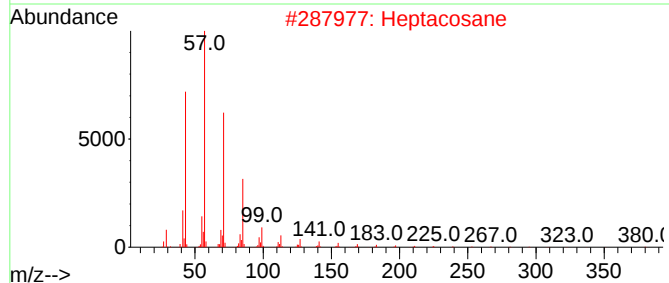
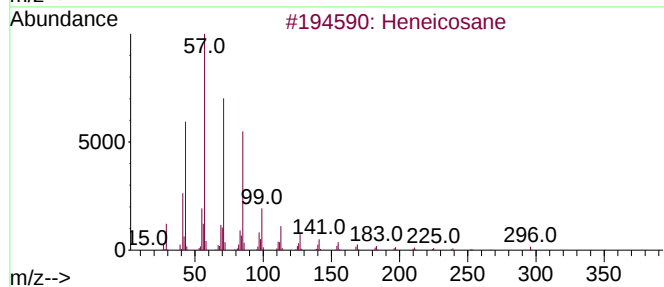
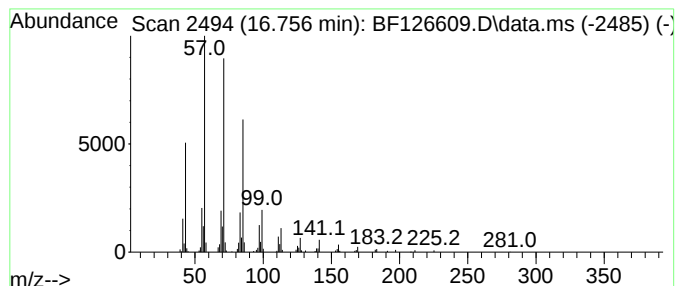
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	29.55 ng	878213	Perylene-d12	15.668

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			9-Methylheneicosane	310	C22H46	070475-51-3	90
4			Octadecane	254	C18H38	000593-45-3	86
5			2-Methyltetracosane	352	C25H52	001560-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
Operator : CG/JU
Sample : N1189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-1

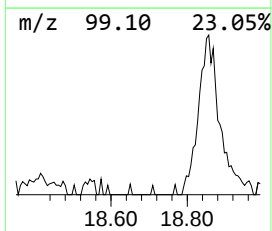
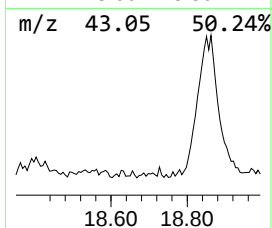
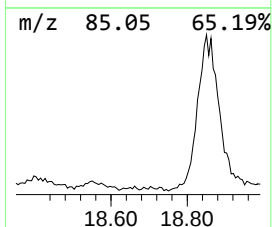
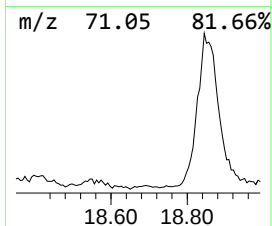
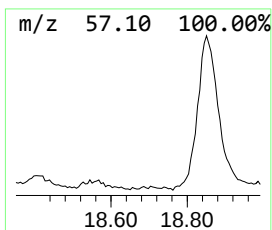
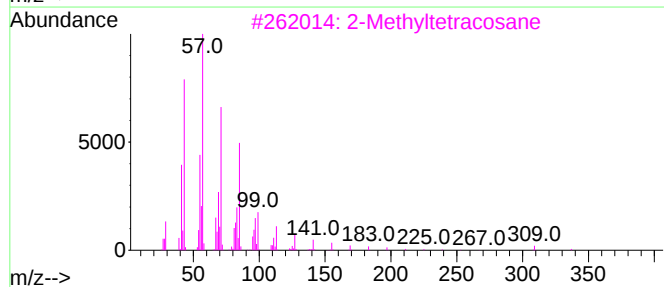
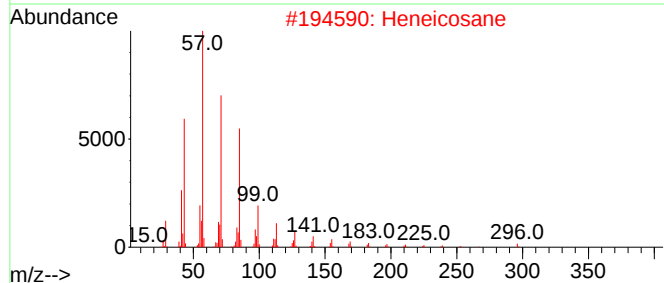
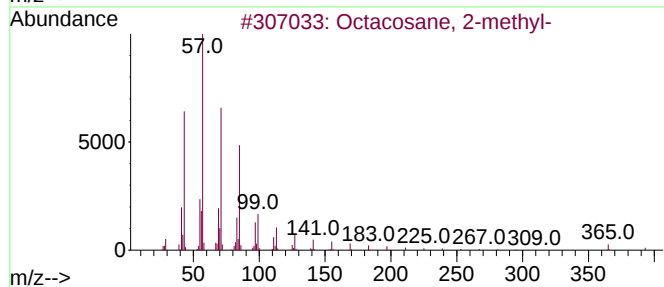
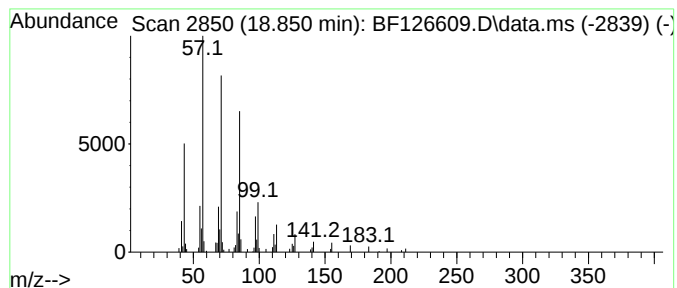
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	17.97 ng	533869	Perylene-d12	15.668

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-Methyltetracosane	352	C25H52	001560-78-7	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126609.D
 Acq On : 20 Jan 2022 14:31
 Operator : CG/JU
 Sample : N1189-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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...	2.310	51.8	ng	1711570	1	6.963	660739	20.0
2-Pentanone, 4-...	5.204	4.4	ng	145668	1	6.963	660739	20.0
Heptacosane	11.680	56.6	ng	2571740	4	11.498	908457	20.0
n-Hexadecanoic ...	12.010	5.0	ng	225716	4	11.498	908457	20.0
Tridecane, 3-me...	12.874	3.0	ng	80542	5	14.139	533305	20.0
Hexacosane	13.163	95.0	ng	2532610	5	14.139	533305	20.0
Pentacosane	13.710	4.4	ng	117956	5	14.139	533305	20.0
Sulfurous acid,...	13.992	93.1	ng	2482880	5	14.139	533305	20.0
Tritetracontane	14.463	3.0	ng	79419	5	14.139	533305	20.0
Dodecane, 4,6-d...	14.621	84.0	ng	2239950	5	14.139	533305	20.0
Cyclohexane, te...	14.751	3.3	ng	86913	5	14.139	533305	20.0
Eicosane, 9-octyl-	14.992	3.4	ng	99446	6	15.668	594320	20.0
Octacosane	15.239	52.4	ng	1555980	6	15.668	594320	20.0
Octadecane, 1-i...	15.945	41.0	ng	1216770	6	15.668	594320	20.0
1H-Imidazole, 2...	16.021	4.5	ng	134035	6	15.668	594320	20.0
Succinic acid, ...	16.162	3.0	ng	88326	6	15.668	594320	20.0
unknown16.327	16.327	7.0	ng	206928	6	15.668	594320	20.0
Heneicosane	16.756	29.6	ng	878213	6	15.668	594320	20.0
Octacosane, 2-m...	18.851	18.0	ng	533869	6	15.668	594320	20.0