

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131369.D
 Acq On : 23 Nov 2022 19:26
 Operator : CG\JU
 Sample : N5641-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-2

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-BF112122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131369.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.110	3	4	10	rVB2	47172	46959	1.69%	0.224%
2	2.316	31	39	45	rBV	882499	1131248	40.62%	5.390%
3	5.187	521	527	536	rVB	317474	403626	14.49%	1.923%
4	5.569	586	592	595	rBV	2453381	2577149	92.54%	12.280%
5	6.569	755	762	765	rBV	2236804	2608014	93.65%	12.427%
6	6.951	823	827	830	rBV	948835	776103	27.87%	3.698%
7	7.351	891	895	899	rVB	33962	31770	1.14%	0.151%
8	7.516	916	923	926	rBV	1677069	1695892	60.89%	8.081%
9	8.239	1039	1046	1049	rBV	1194494	998088	35.84%	4.756%
10	9.322	1223	1230	1233	rBV	3284879	2784976	100.00%	13.270%
11	10.004	1337	1346	1349	rBV	1340800	1129443	40.55%	5.382%
12	10.721	1461	1468	1474	rVB	89308	75124	2.70%	0.358%
13	10.792	1476	1480	1484	rBV	1568662	1462213	52.50%	6.967%
14	11.498	1596	1600	1604	rBV	1184266	967465	34.74%	4.610%
15	12.021	1685	1689	1693	rBV	98595	100401	3.61%	0.478%
16	12.810	1819	1823	1827	rBV3	32228	31995	1.15%	0.152%
17	13.092	1867	1871	1875	rBV	2203071	1995686	71.66%	9.509%
18	13.662	1963	1968	1971	rBV2	34333	36382	1.31%	0.173%
19	13.998	2021	2025	2029	rBV2	67314	98479	3.54%	0.469%
20	14.151	2047	2051	2055	rBV	655266	605838	21.75%	2.887%
21	14.257	2062	2069	2071	rBV3	25870	39444	1.42%	0.188%
22	14.315	2072	2079	2084	rVB3	45165	109378	3.93%	0.521%
23	14.533	2113	2116	2121	rBV	99604	98634	3.54%	0.470%
24	14.621	2128	2131	2134	rBV	43241	41461	1.49%	0.198%
25	14.915	2178	2181	2184	rBV	46266	57042	2.05%	0.272%
26	14.951	2184	2187	2193	rVB2	44959	54010	1.94%	0.257%
27	15.115	2211	2215	2221	rVB	27235	35343	1.27%	0.168%
28	15.221	2230	2233	2238	rBV	119515	134469	4.83%	0.641%
29	15.315	2245	2249	2254	rVB	49637	58966	2.12%	0.281%
30	15.686	2307	2312	2316	rBV	440135	574182	20.62%	2.736%
31	15.727	2316	2319	2325	rVB	44819	60064	2.16%	0.286%
32	16.198	2394	2399	2405	rBV	46289	74638	2.68%	0.356%
33	16.751	2488	2493	2499	rVB3	29989	50852	1.83%	0.242%
34	17.403	2599	2604	2611	rVB5	19165	41077	1.47%	0.196%

Sum of corrected areas: 20986411

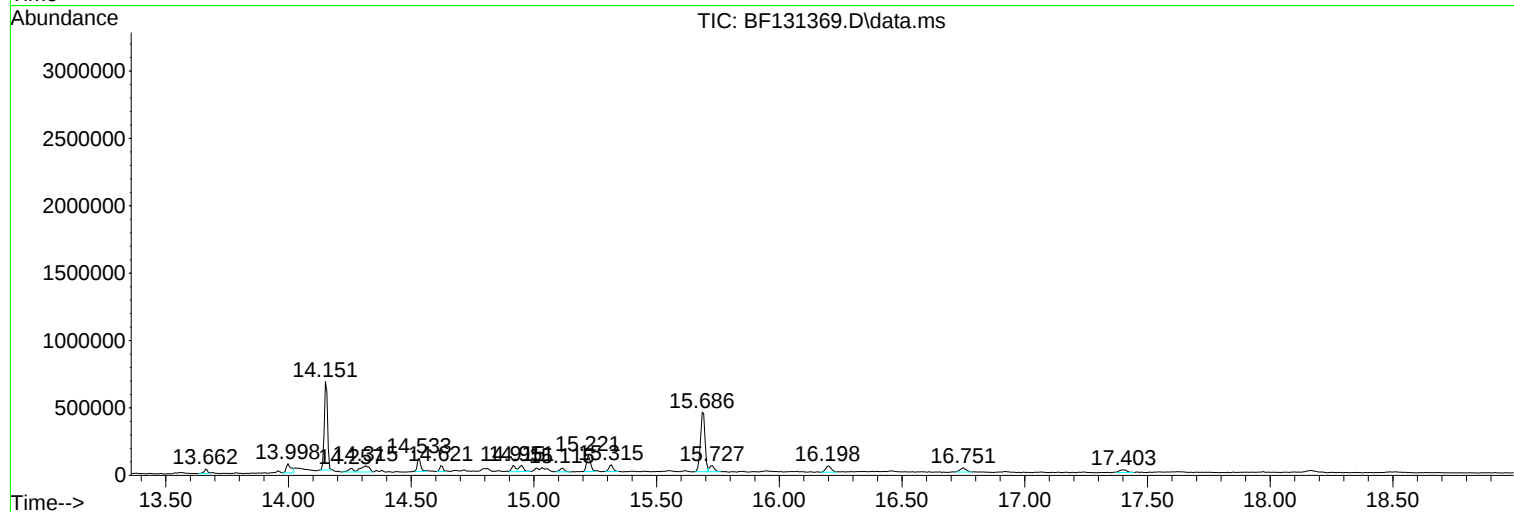
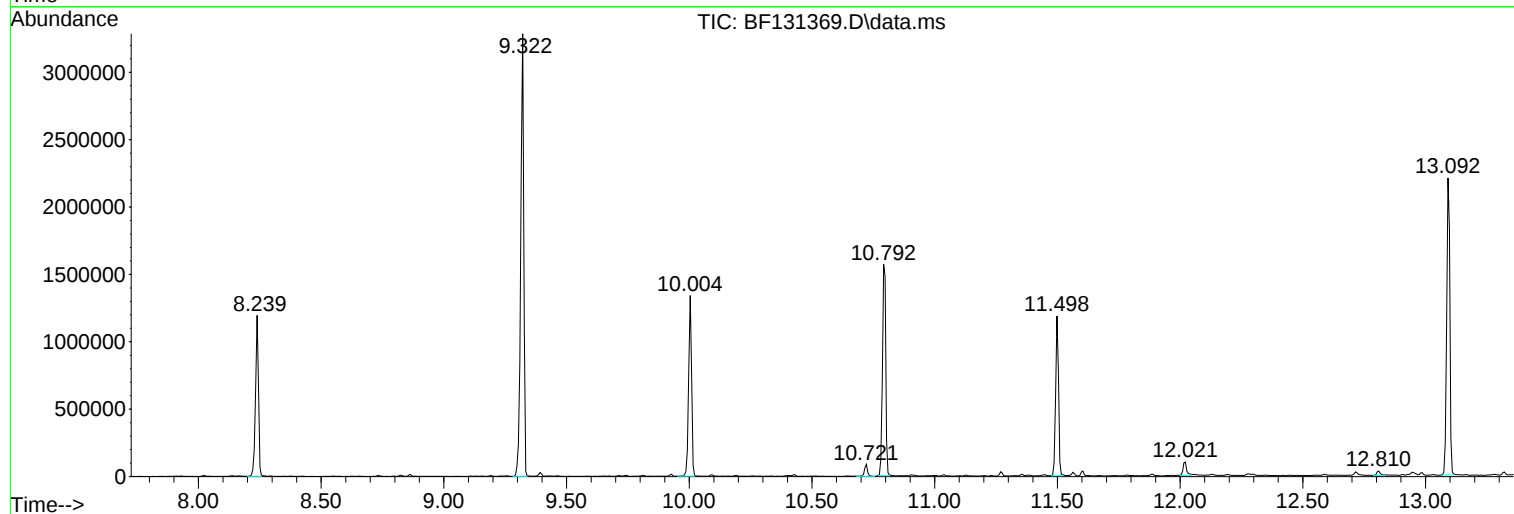
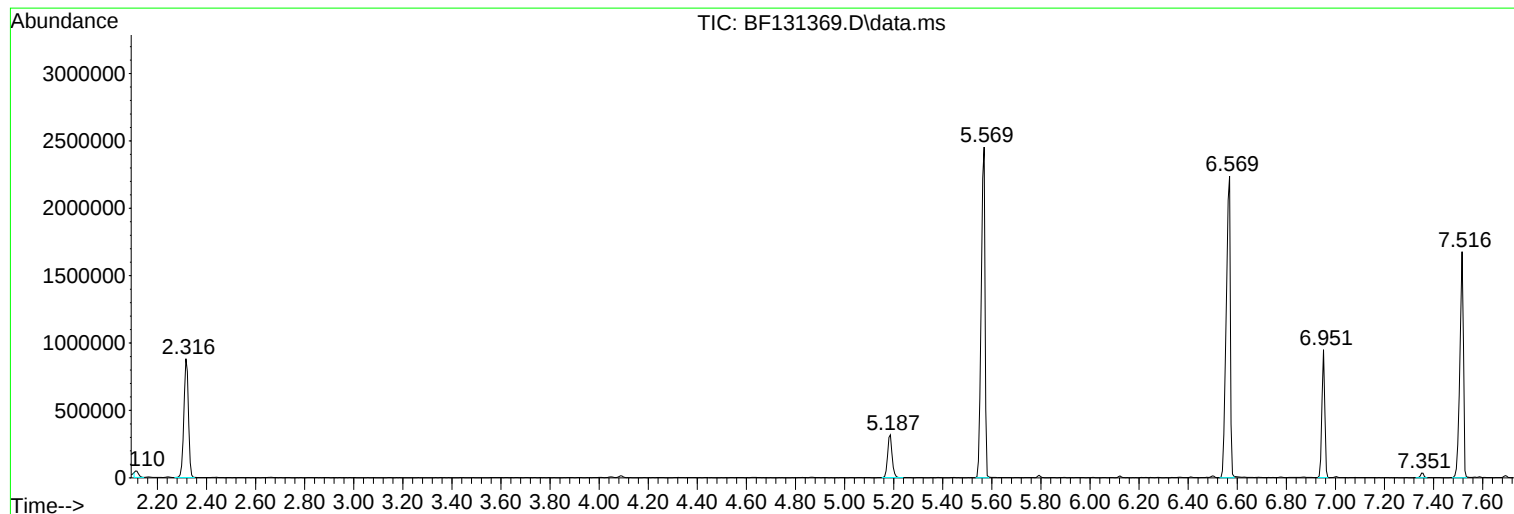
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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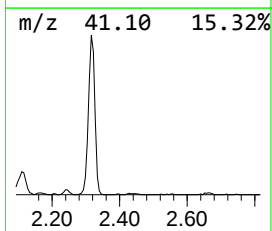
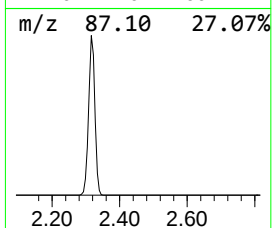
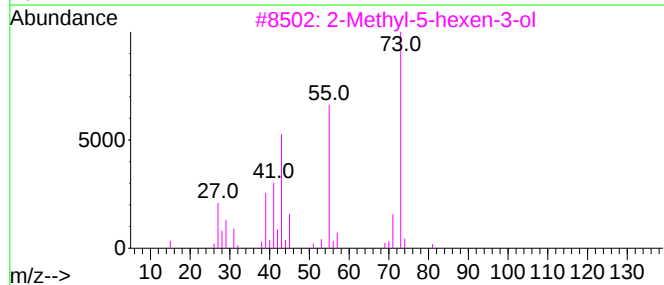
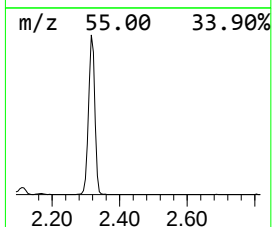
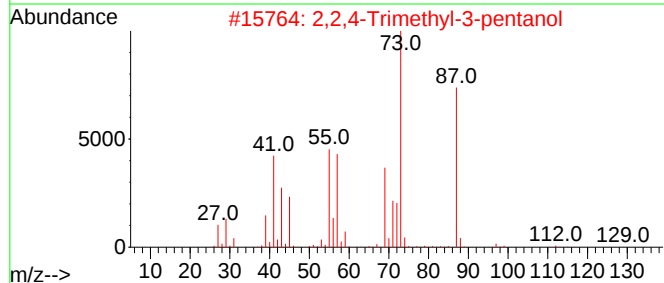
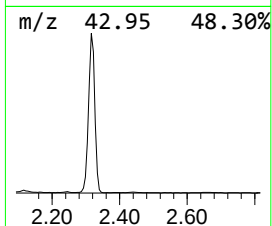
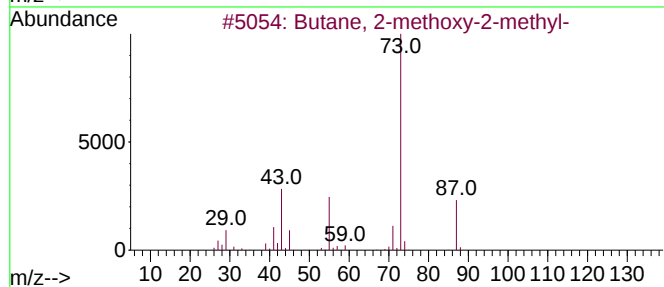
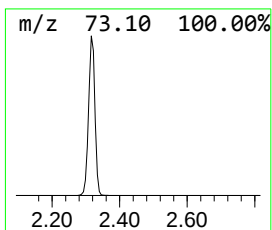
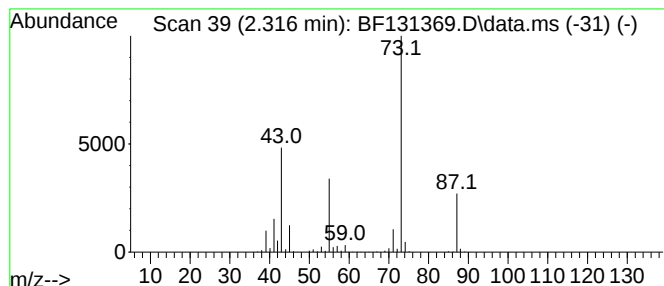
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.316	29.15 ng	1131250	1,4-Dichlorobenzene-d4	6.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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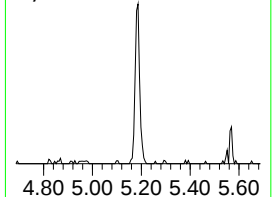
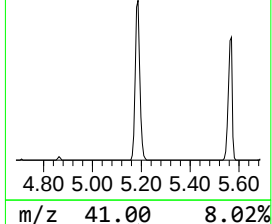
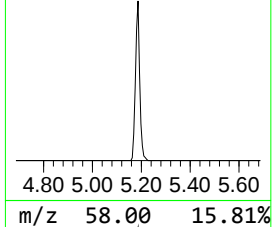
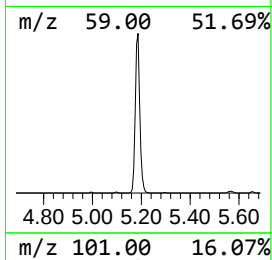
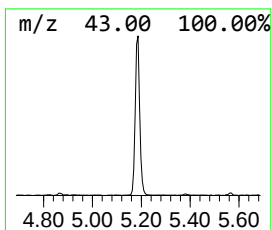
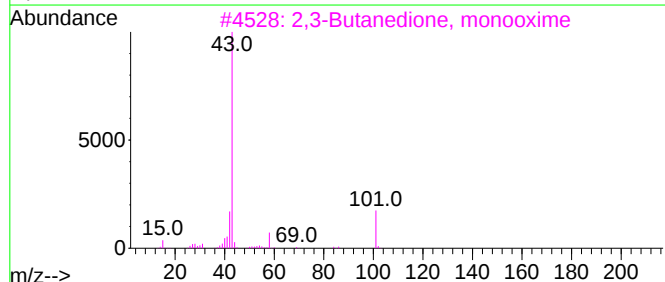
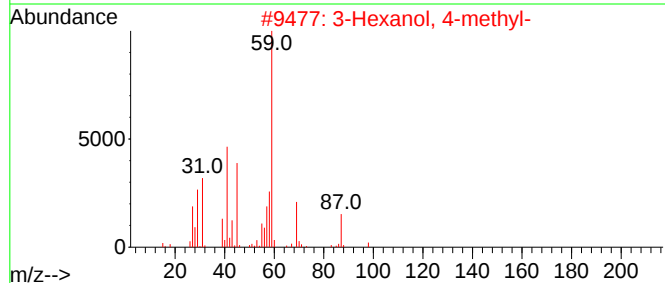
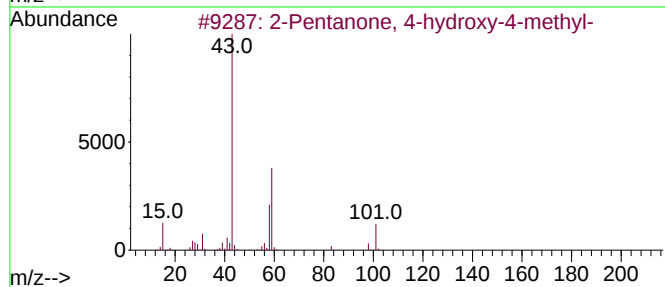
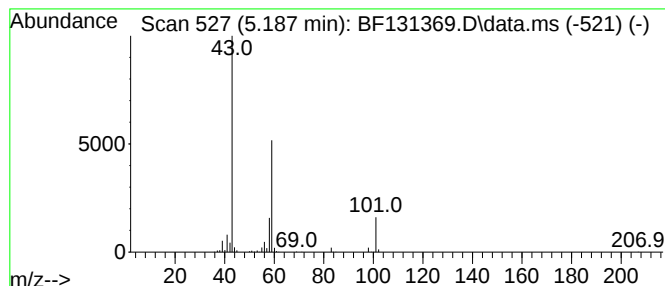
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	10.40 ng	403626	1,4-Dichlorobenzene-d4	6.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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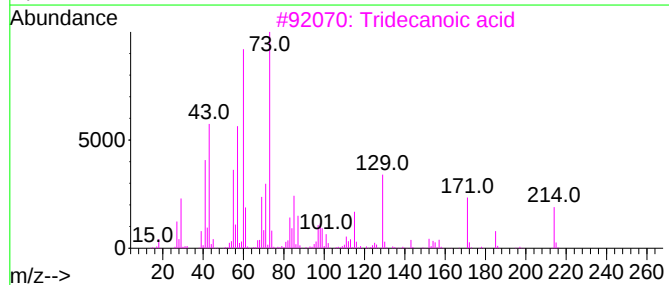
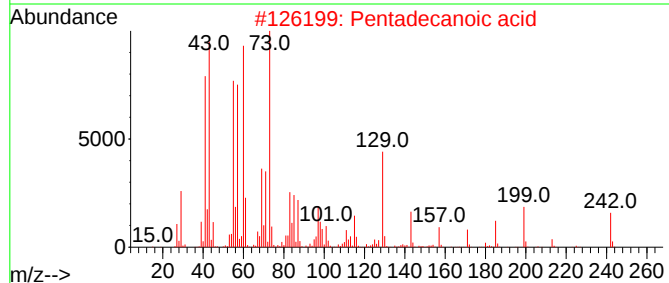
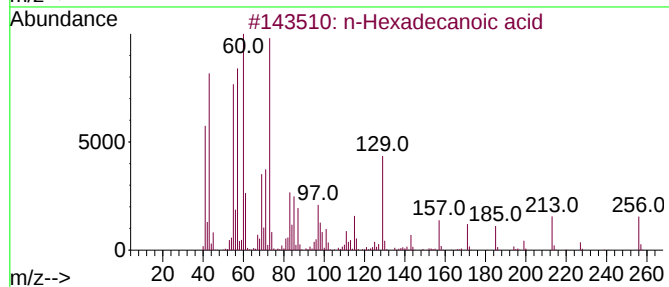
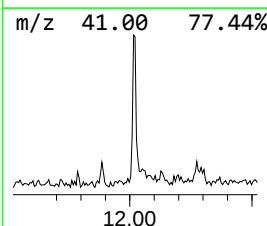
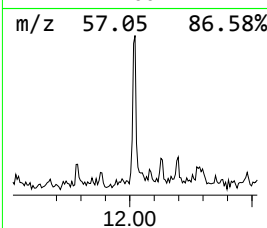
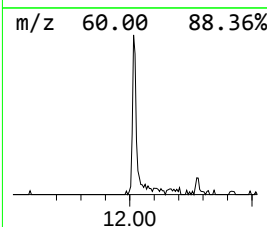
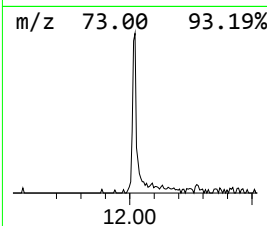
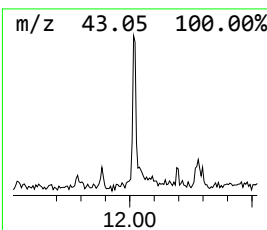
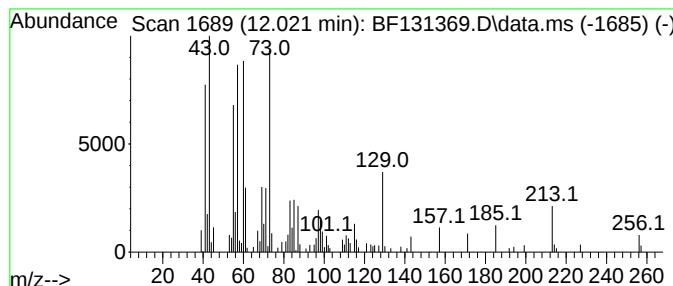
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	2.08 ng	100401	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



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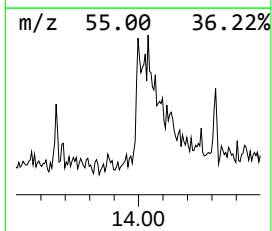
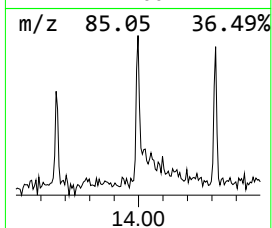
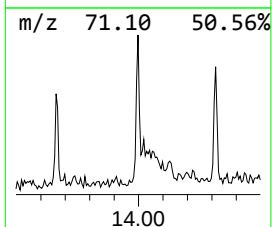
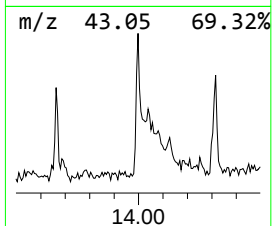
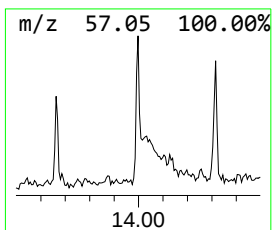
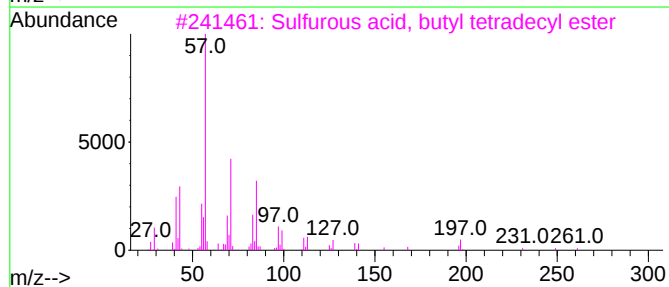
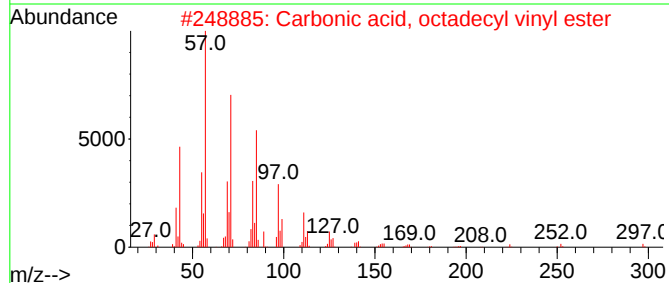
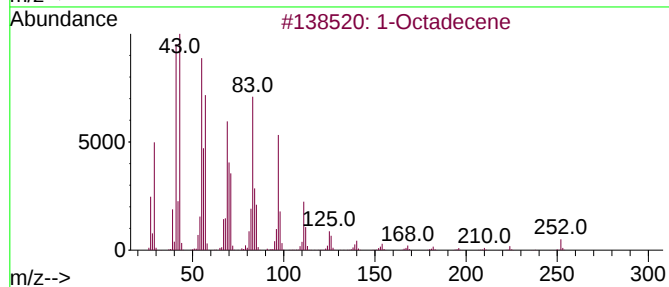
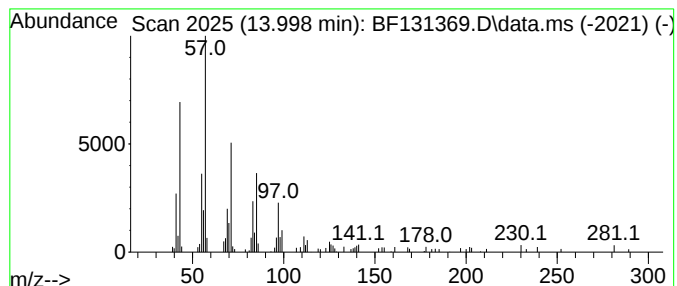
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.998	3.25 ng	98479	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	89
2			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83
3			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	80
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	80
5			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	72



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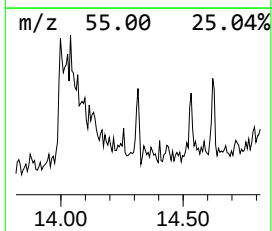
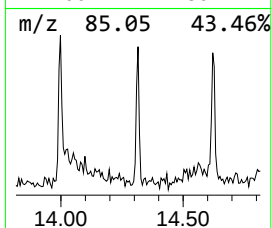
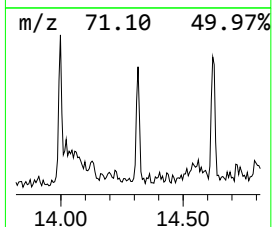
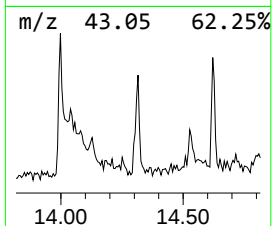
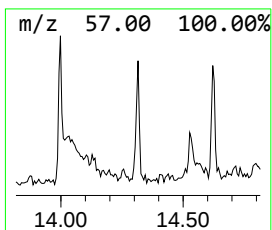
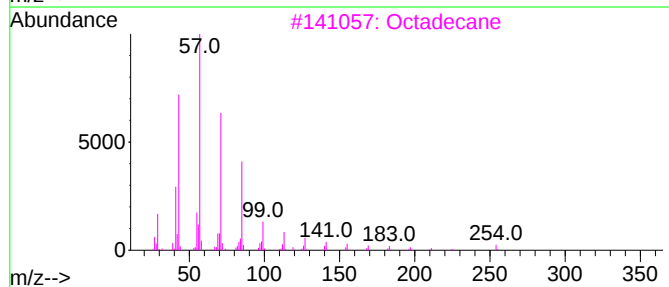
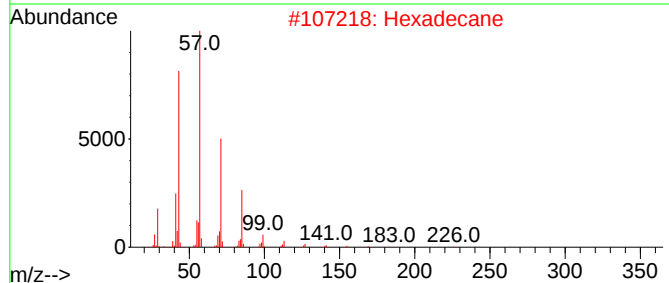
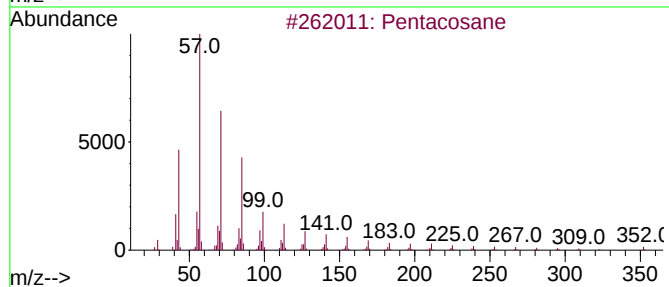
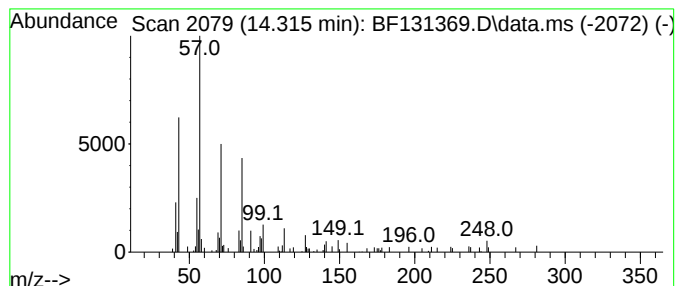
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.315	3.61 ng	109378	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	83
2			Hexadecane	226	C16H34	000544-76-3	80
3			Octadecane	254	C18H38	000593-45-3	80
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5			triacontane	422	C30H62	000638-68-6	80



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ClientSampleId :
SOIL-PILE-2

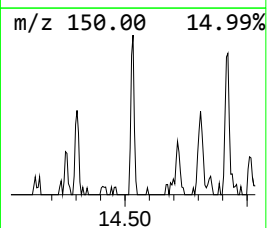
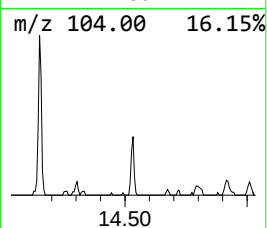
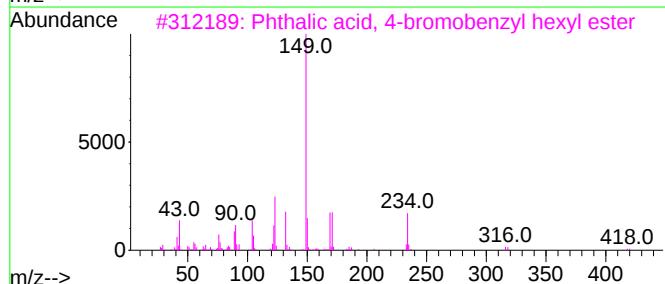
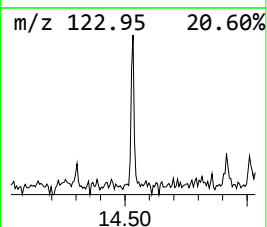
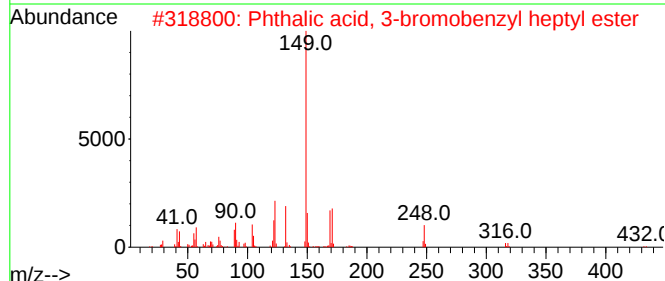
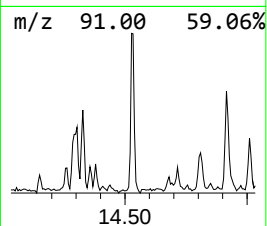
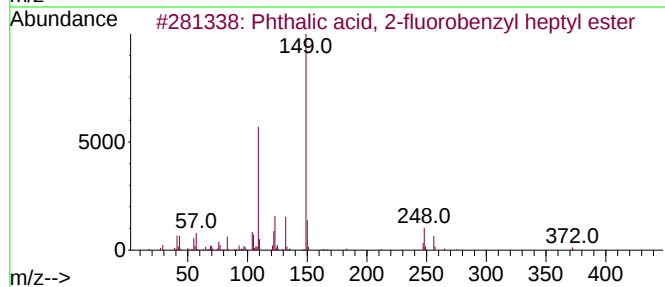
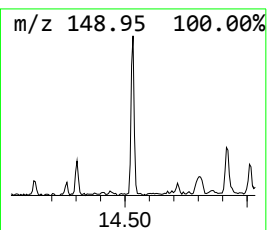
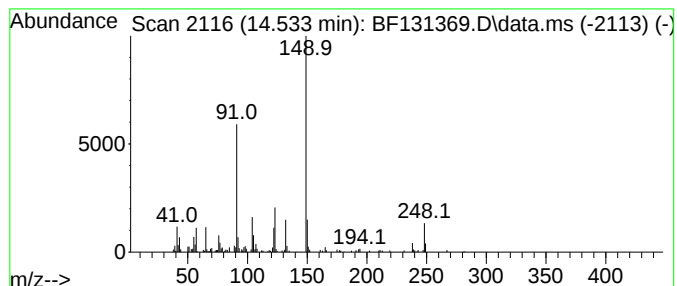
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phthalic acid, 2-fluorobenz... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	3.26 ng	98634	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 2-fluorobenzyl he...	372	C22H25F04	1000371-06-8	87
2			Phthalic acid, 3-bromobenzyl hep...	432	C22H25Br04	1010371-05-0	78
3			Phthalic acid, 4-bromobenzyl hex...	418	C21H23Br04	1000371-05-9	72
4			Phthalic acid, heptyl 2-methoxyb...	384	C23H2805	1000382-49-6	72
5			Phthalic acid, 2-fluorobenzyl he...	358	C21H23F04	1000371-06-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131369.D
Acq On : 23 Nov 2022 19:26
Operator : CG\JU
Sample : N5641-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

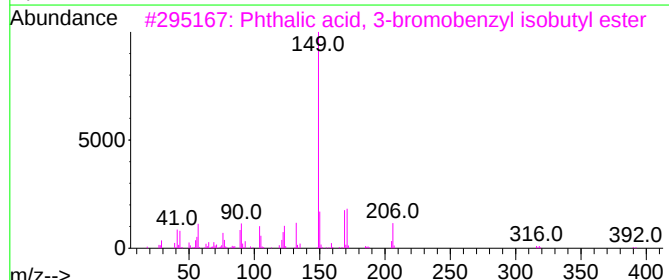
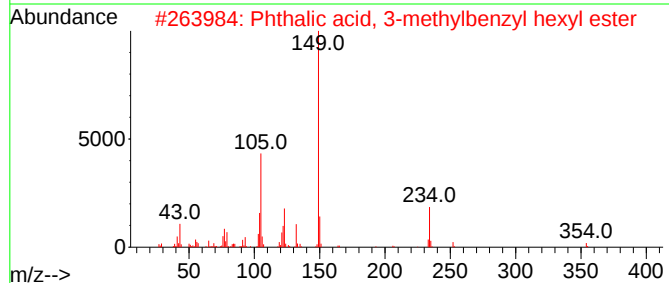
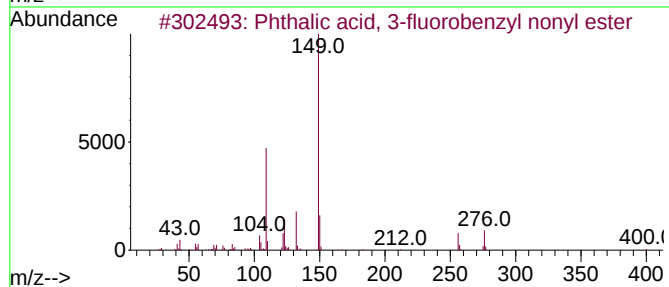
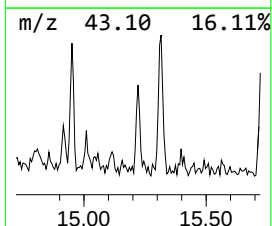
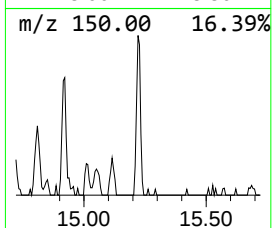
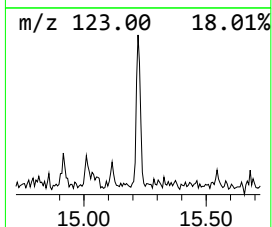
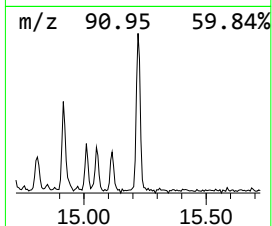
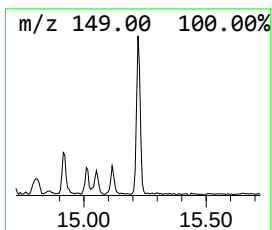
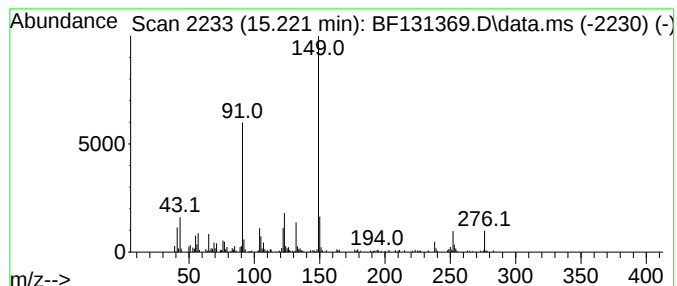
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phthalic acid, 3-fluorobenz... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	4.68 ng	134469	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 3-fluorobenzyl no...	400	C24H29FO4	1000377-89-3	72
2			Phthalic acid, 3-methylbenzyl he...	354	C22H26O4	1000371-10-4	72
3			Phthalic acid, 3-bromobenzyl iso...	390	C19H19BrO4	1000371-05-4	64
4			Phthalic acid, heptyl 2-methoxyb...	384	C23H28O5	1000382-49-6	59
5			Phthalic acid, 2-fluorobenzyl no...	400	C24H29FO4	1000371-06-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131369.D
Acq On : 23 Nov 2022 19:26
Operator : CG\JU
Sample : N5641-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

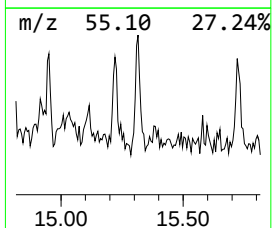
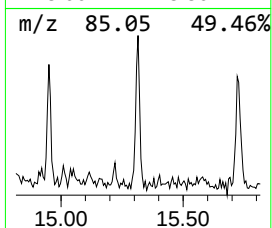
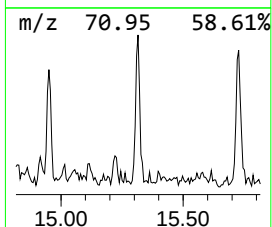
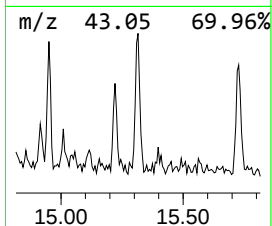
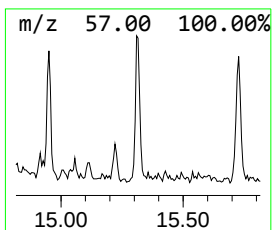
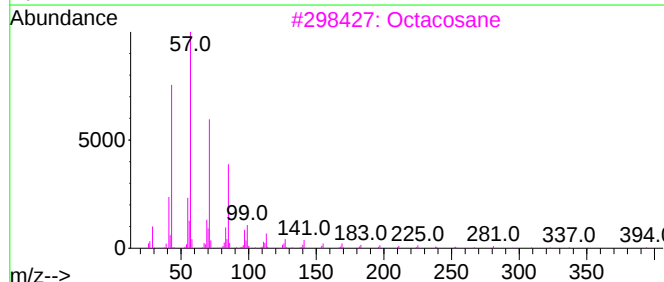
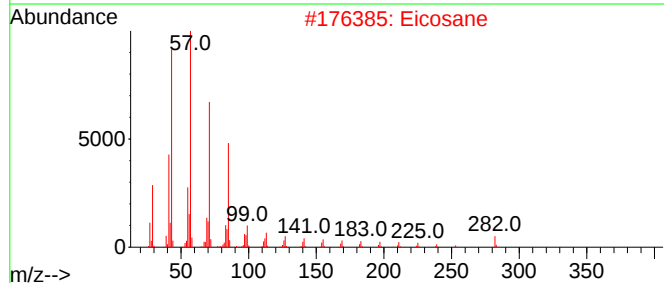
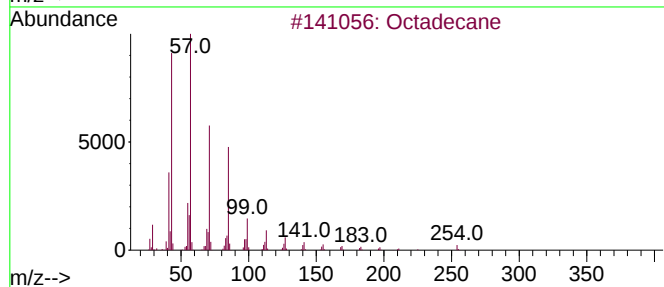
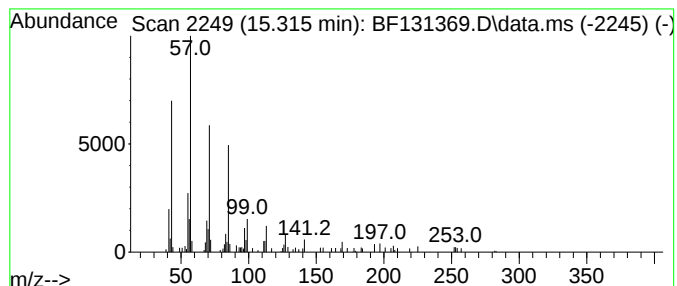
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	2.05 ng	58966	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Eicosane	282	C20H42	000112-95-8	93
3			Octacosane	394	C28H58	000630-02-4	90
4			Hexacosane	366	C26H54	000630-01-3	87
5			Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131369.D
Acq On : 23 Nov 2022 19:26
Operator : CG\JU
Sample : N5641-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

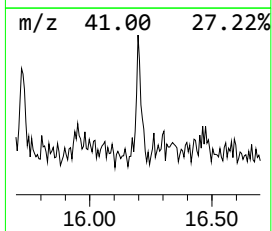
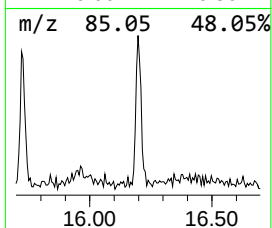
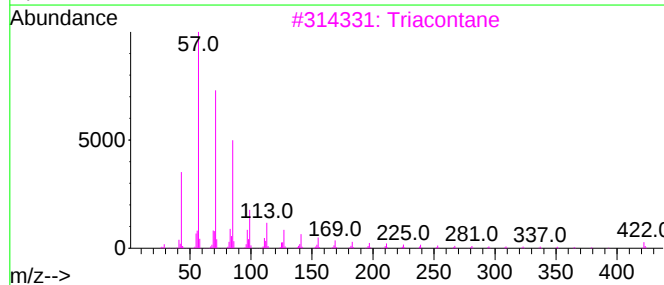
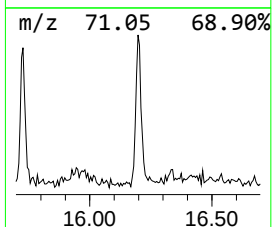
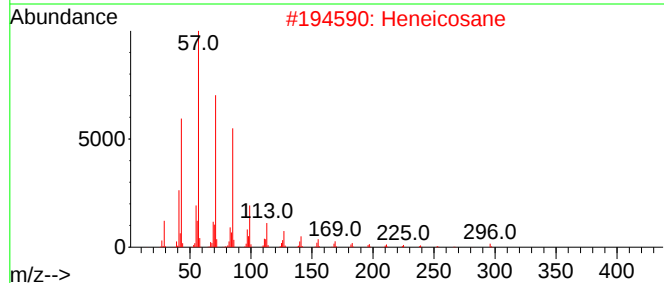
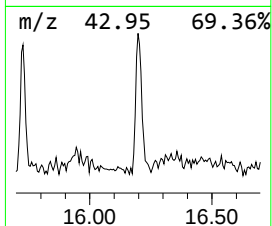
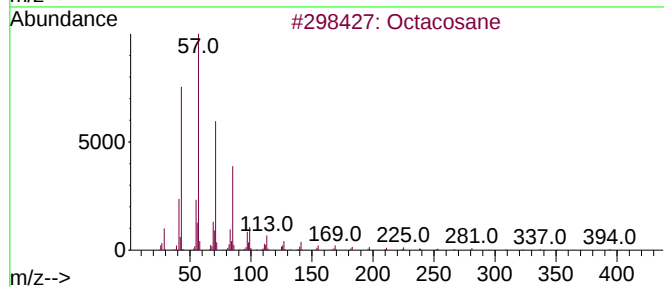
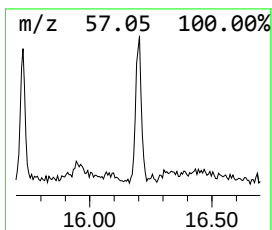
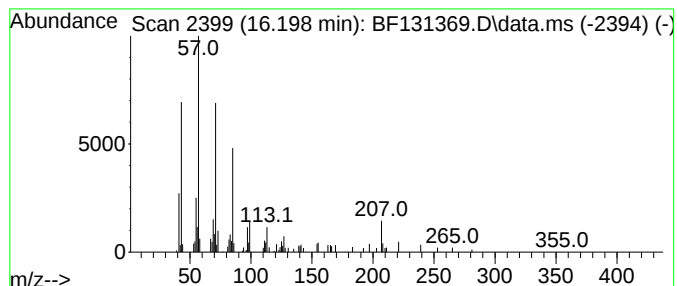
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	2.60 ng	74638	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	81
2			Heneicosane	296	C21H44	000629-94-7	81
3			Triacontane	422	C30H62	000638-68-6	74
4			Hentriacontane	437	C31H64	000630-04-6	74
5			Tetratetracontane	619	C44H90	007098-22-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131369.D
Acq On : 23 Nov 2022 19:26
Operator : CG\JU
Sample : N5641-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.316	29.1	ng	1131250	1	6.951	776103	20.0
2-Pentanone, 4-...	5.187	10.4	ng	403626	1	6.951	776103	20.0
n-Hexadecanoic ...	12.021	2.1	ng	100401	4	11.498	967465	20.0
1-Octadecene	13.998	3.3	ng	98479	5	14.151	605838	20.0
Pentacosane	14.315	3.6	ng	109378	5	14.151	605838	20.0
Phthalic acid, ...	14.533	3.3	ng	98634	5	14.151	605838	20.0
Phthalic acid, ...	15.221	4.7	ng	134469	6	15.692	574182	20.0
Octadecane	15.315	2.0	ng	58966	6	15.692	574182	20.0
Octacosane	16.198	2.6	ng	74638	6	15.692	574182	20.0