

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131368.D
 Acq On : 23 Nov 2022 18:53
 Operator : CG\JU
 Sample : N5641-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-14

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: BF131368.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	13	rVB	50814	71471	2.27%	0.310%
2	2.334	33	42	48	rBV	1045575	1342236	42.66%	5.830%
3	3.546	245	248	261	rBV	20103	38510	1.22%	0.167%
4	5.187	522	527	536	rVB	340162	437082	13.89%	1.899%
5	5.569	586	592	595	rBV	2734751	2794515	88.82%	12.139%
6	6.569	755	762	765	rBV	2405219	2820081	89.64%	12.250%
7	6.951	823	827	830	rVB	984405	808937	25.71%	3.514%
8	7.516	917	923	926	rBV	1815848	1830273	58.18%	7.950%
9	8.133	1023	1028	1031	rBV	427208	330104	10.49%	1.434%
10	8.239	1040	1046	1049	rBV	1197149	1046502	33.26%	4.546%
11	9.322	1223	1230	1233	rBV	3417817	3146115	100.00%	13.666%
12	10.004	1338	1346	1349	rBV	1433526	1188158	37.77%	5.161%
13	10.798	1473	1481	1484	rBV	1969752	1796808	57.11%	7.805%
14	11.357	1567	1576	1578	rBV2	38007	41543	1.32%	0.180%
15	11.498	1596	1600	1603	rBV	1221590	1059222	33.67%	4.601%
16	11.563	1606	1611	1614	rVB5	29125	34453	1.10%	0.150%
17	11.886	1661	1666	1669	rBV	43203	34696	1.10%	0.151%
18	12.021	1682	1689	1697	rBV2	116598	137362	4.37%	0.597%
19	12.280	1729	1733	1735	rBV3	29022	33485	1.06%	0.145%
20	13.098	1867	1872	1875	rBV	2487017	2293052	72.89%	9.960%
21	13.998	2022	2025	2027	rBV	39391	38118	1.21%	0.166%
22	14.157	2048	2052	2055	rVB	694458	648465	20.61%	2.817%
23	14.951	2184	2187	2190	rBV	36544	37418	1.19%	0.163%
24	15.315	2245	2249	2255	rVB2	54974	68755	2.19%	0.299%
25	15.692	2307	2313	2317	rBV	454846	601285	19.11%	2.612%
26	15.727	2317	2319	2325	rVB2	53404	65857	2.09%	0.286%
27	16.204	2395	2400	2407	rBV	58625	86861	2.76%	0.377%
28	16.751	2487	2493	2499	rBV2	40485	76087	2.42%	0.331%
29	17.398	2596	2603	2609	rBV4	31707	66883	2.13%	0.291%
30	18.162	2729	2733	2743	rVB3	18318	47233	1.50%	0.205%

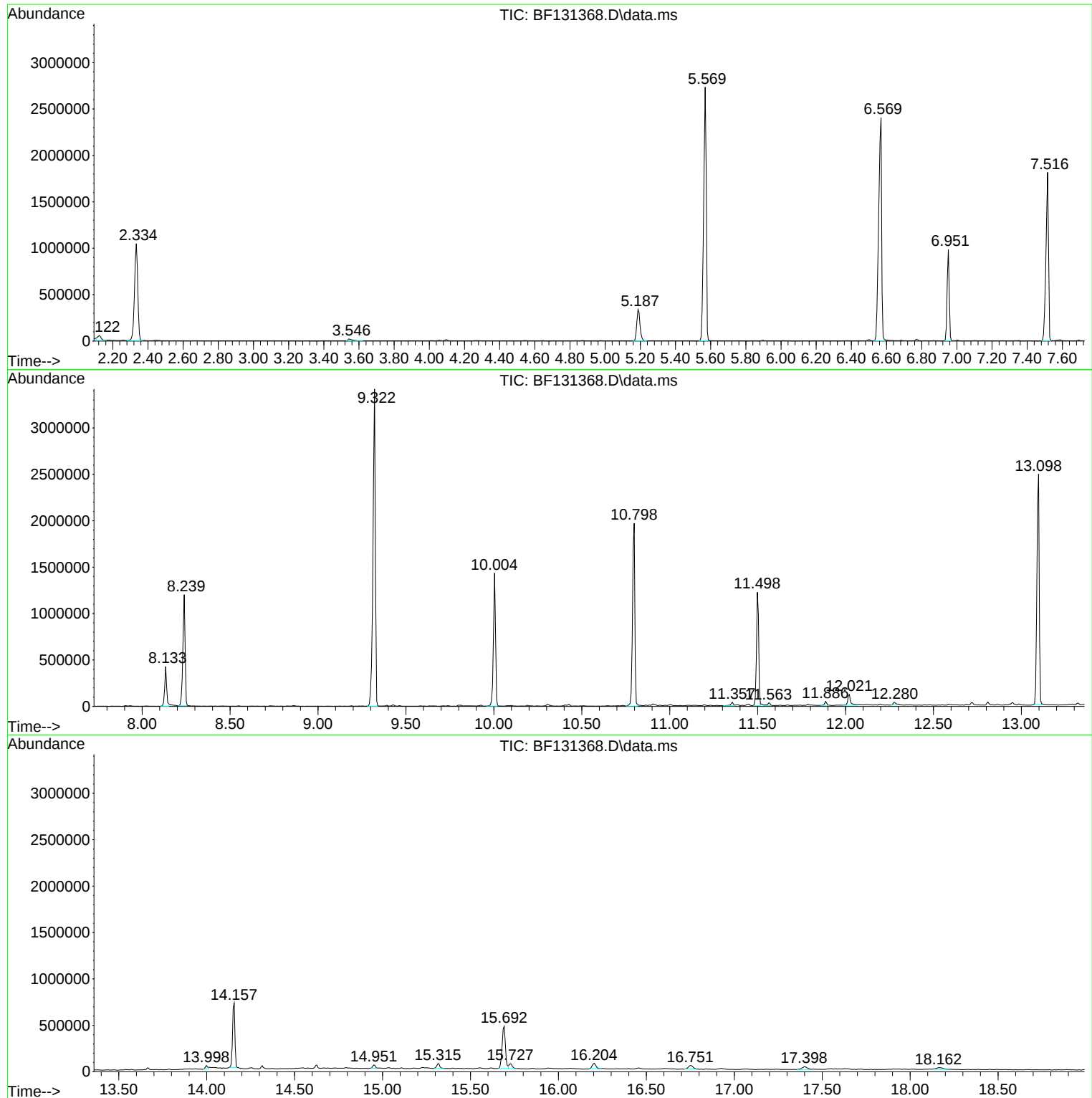
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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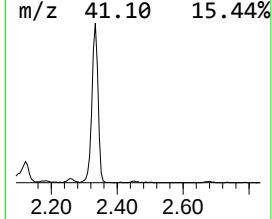
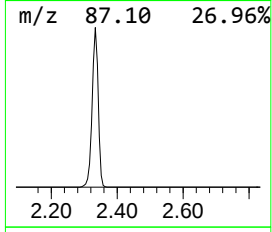
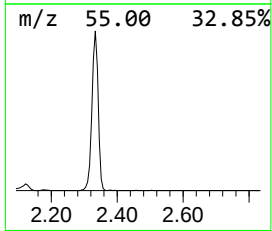
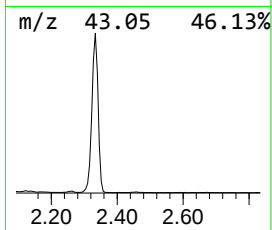
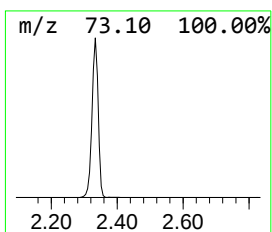
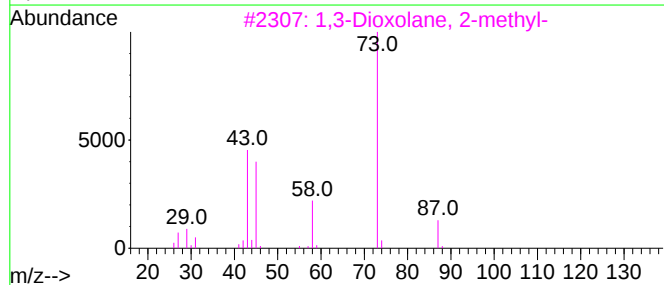
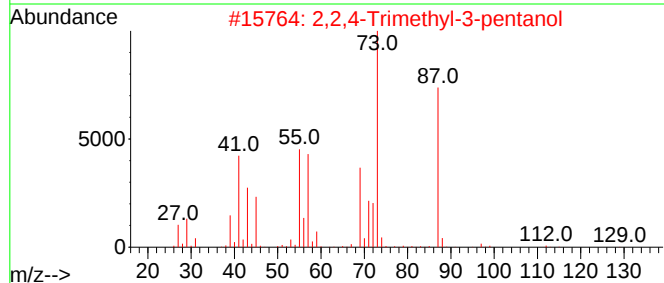
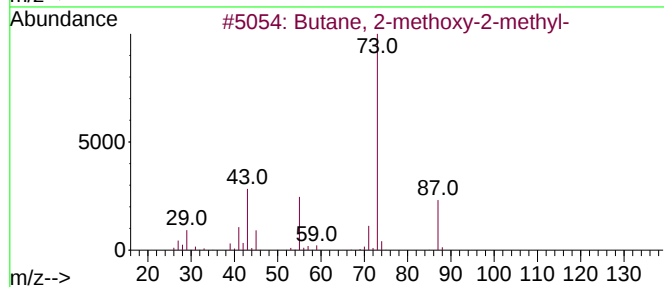
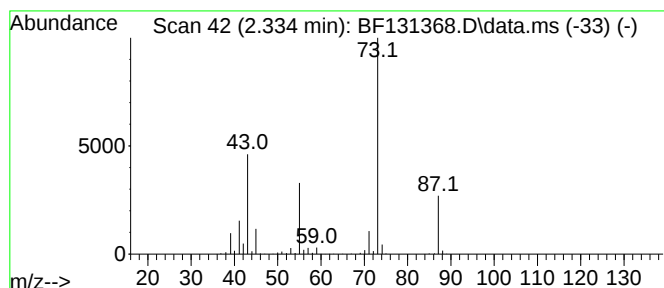
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.334	33.19 ng	1342240	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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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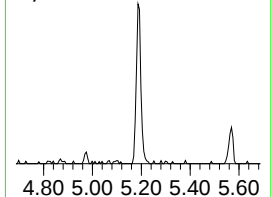
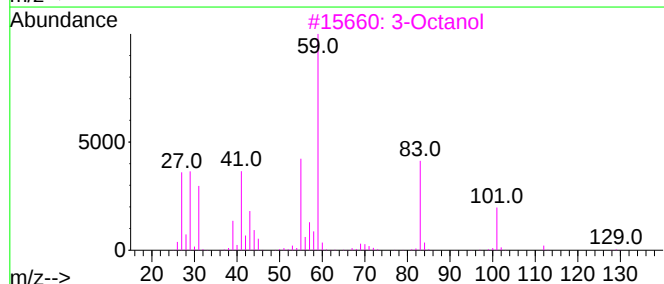
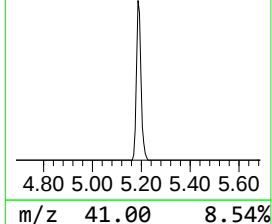
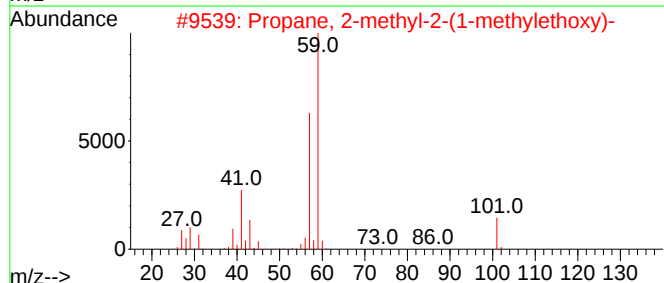
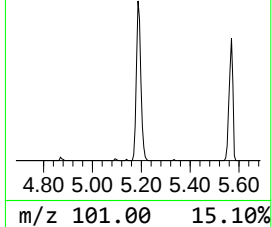
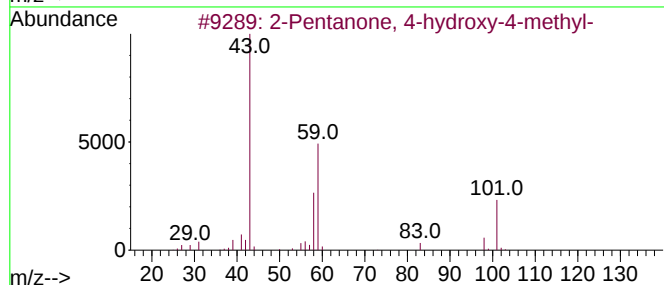
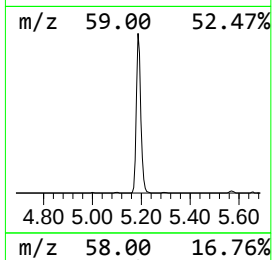
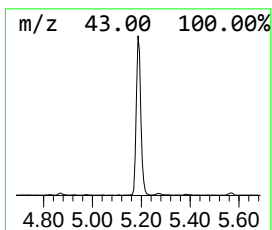
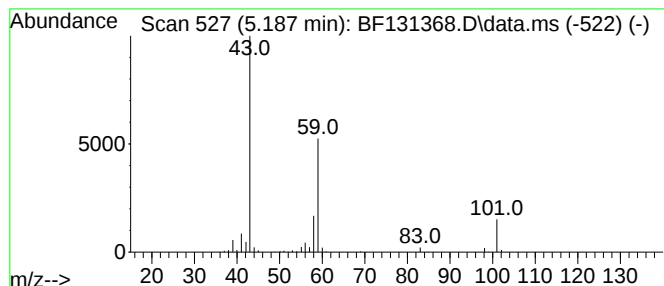
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	10.81 ng	437082	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	72
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			3-Octanol	130	C8H18O	000589-98-0	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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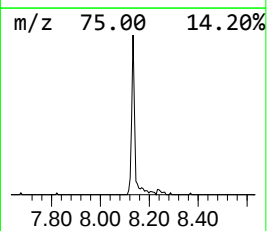
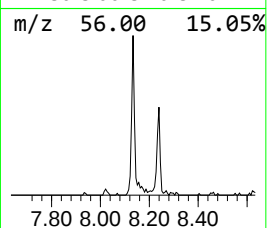
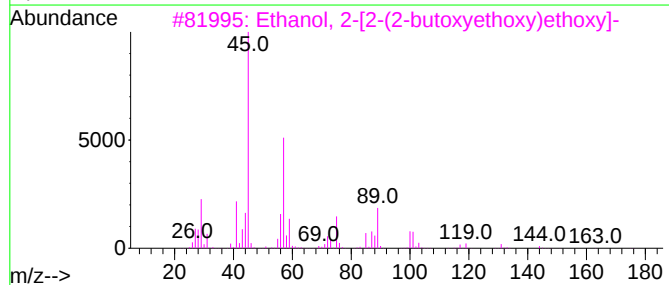
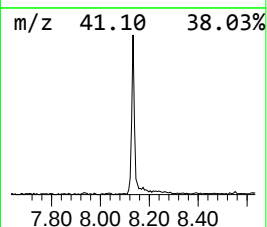
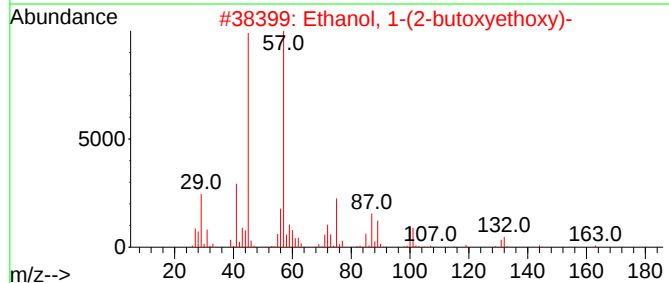
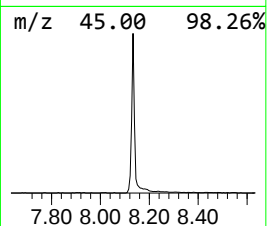
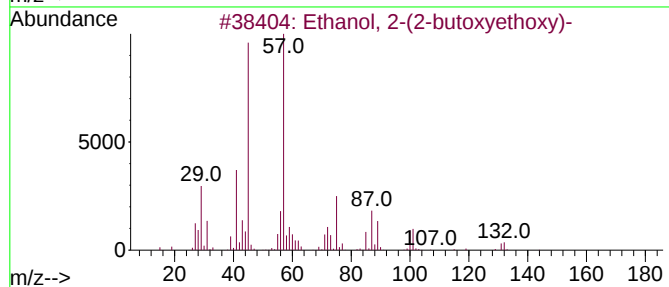
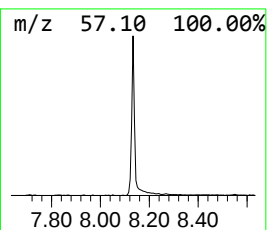
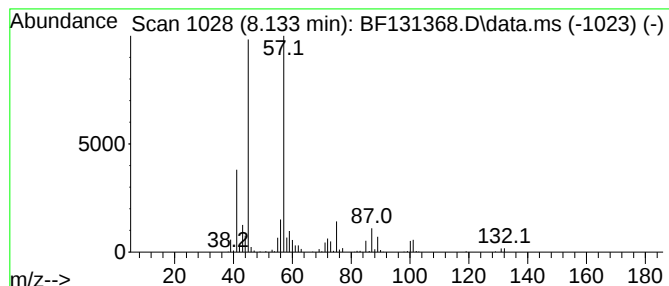
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.133	6.31 ng	330104	Naphthalene-d8	8.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56



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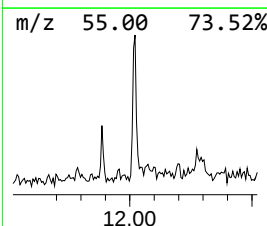
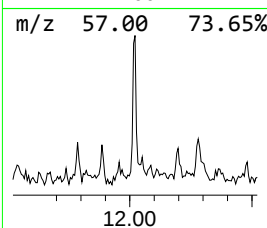
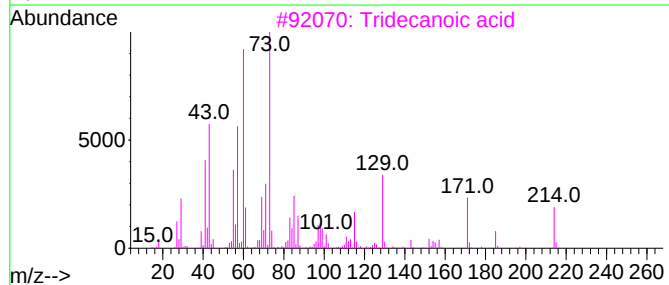
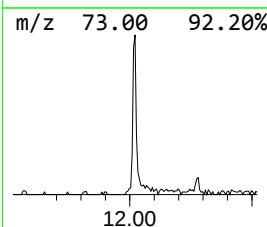
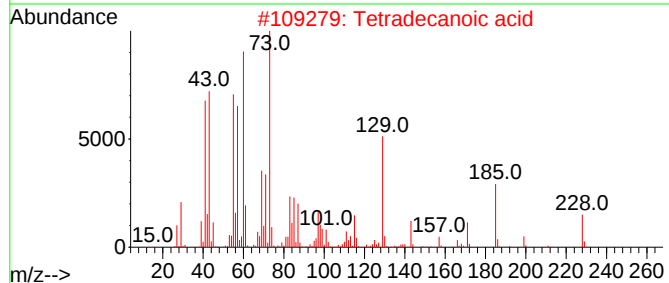
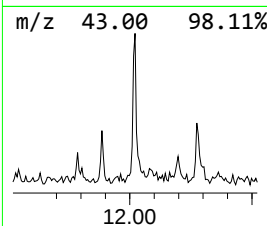
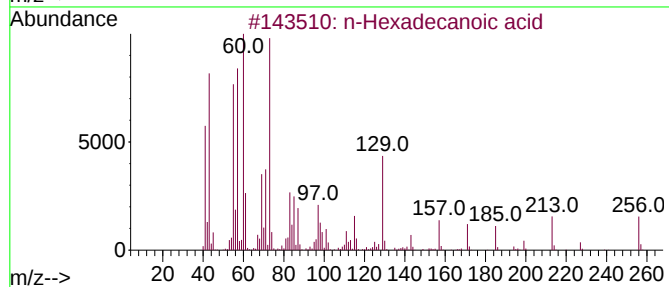
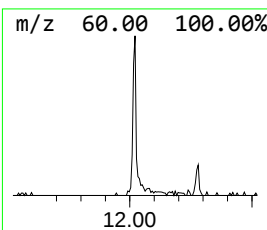
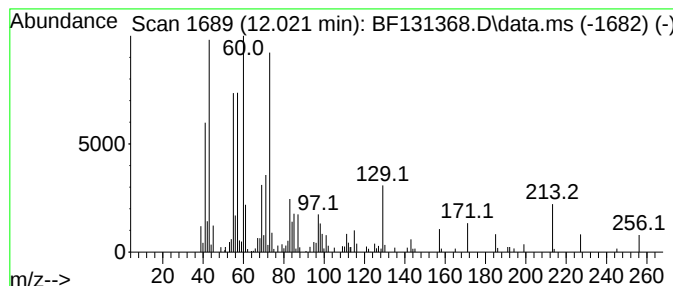
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	2.59 ng	137362	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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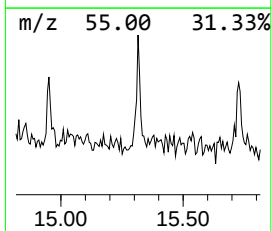
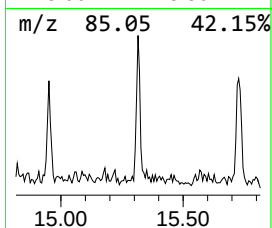
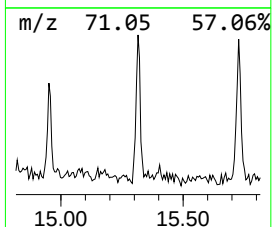
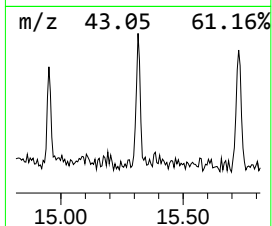
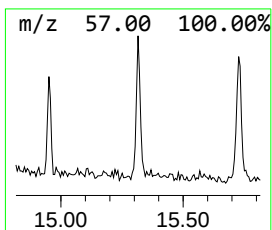
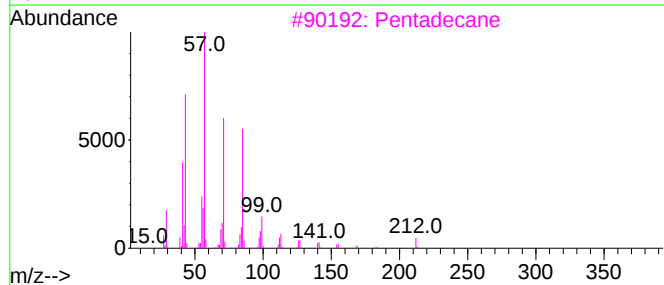
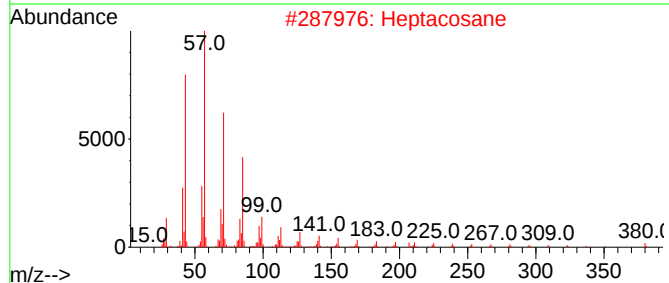
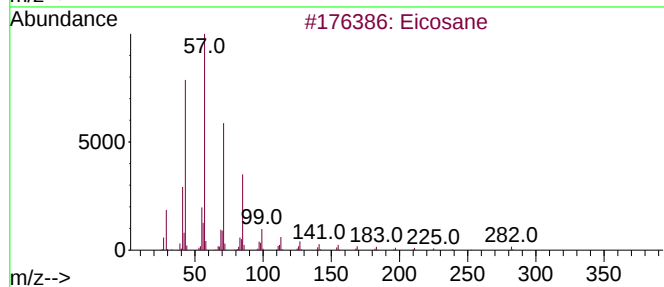
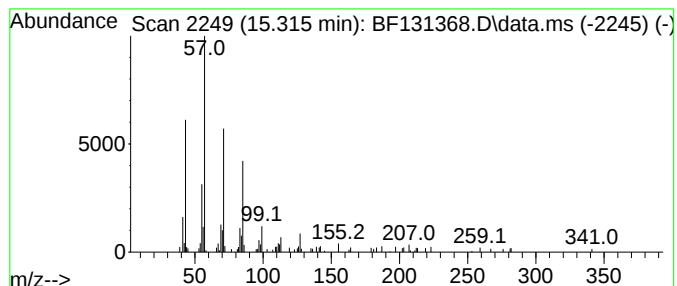
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Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	2.29 ng	68755	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	92
2			Heptacosane	380	C27H56	000593-49-7	87
3			Pentadecane	212	C15H32	000629-62-9	87
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5			Tetracosane	338	C24H50	000646-31-1	83



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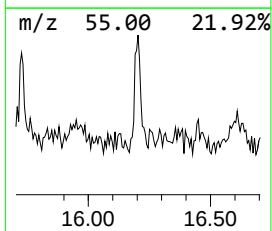
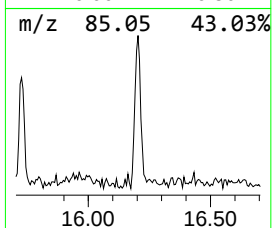
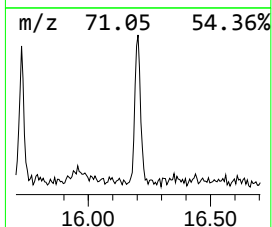
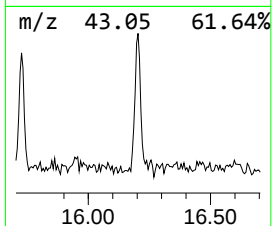
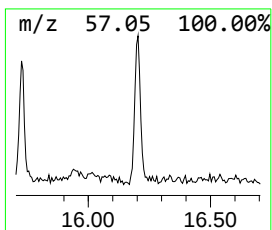
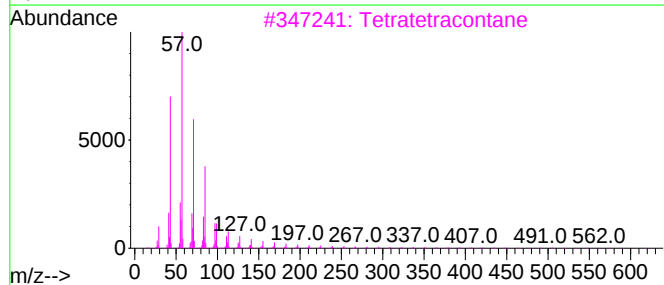
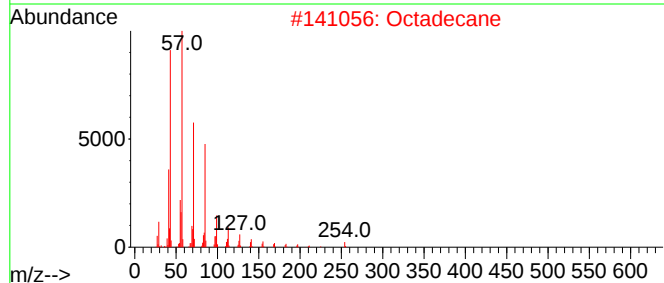
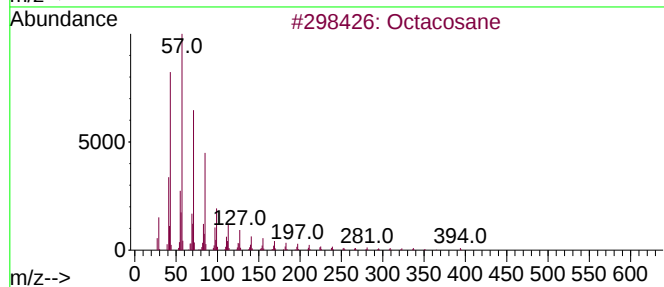
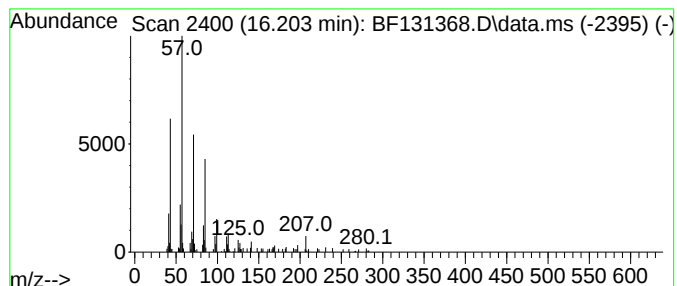
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.203	2.89 ng	86861	Perylene-d12	15.692

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	87
2		Octadecane	254	C18H38	000593-45-3	83
3		Tetratetracontane	619	C44H90	007098-22-8	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131368.D
Acq On : 23 Nov 2022 18:53
Operator : CG\JU
Sample : N5641-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-14

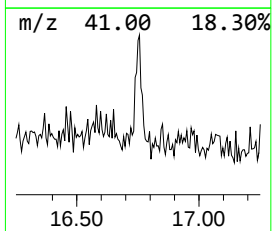
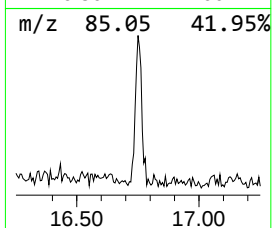
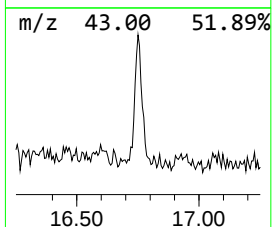
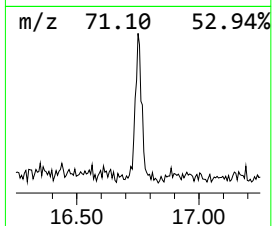
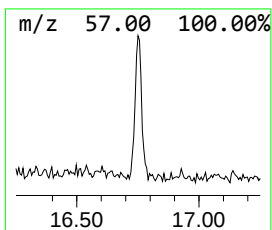
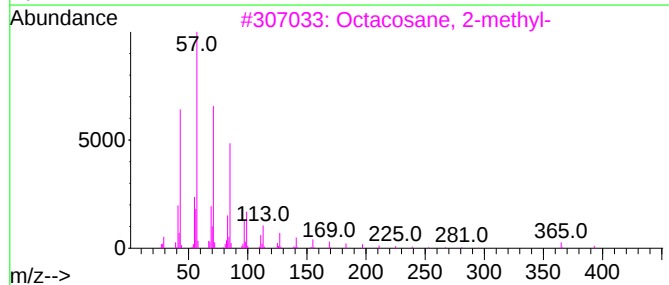
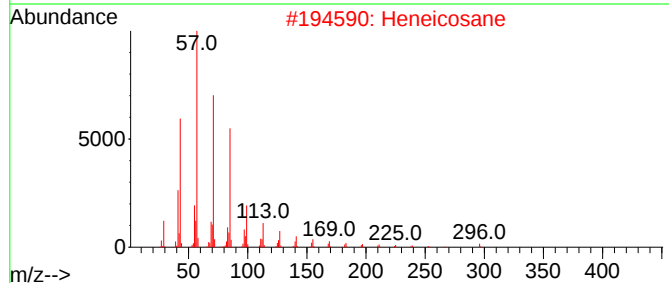
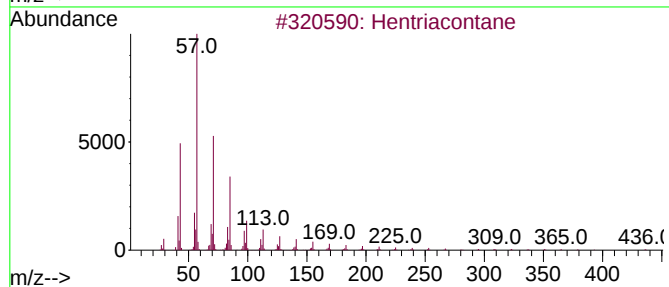
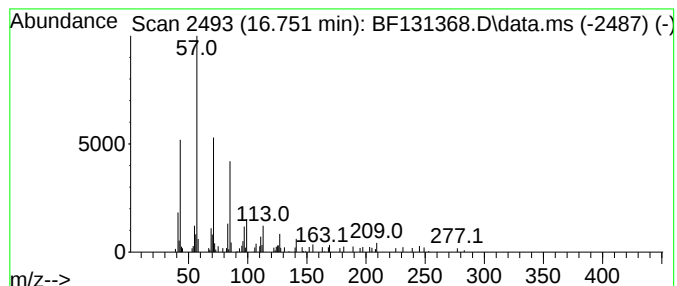
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.750	2.53 ng	76087	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Heneicosane	296	C21H44	000629-94-7	87
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
4			Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	86
5			Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131368.D
Acq On : 23 Nov 2022 18:53
Operator : CG\JU
Sample : N5641-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-14

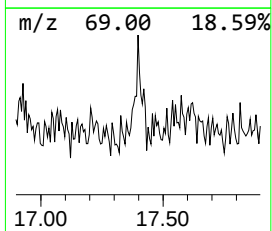
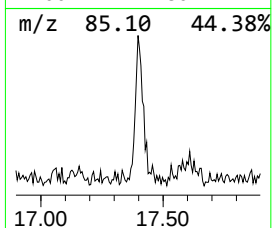
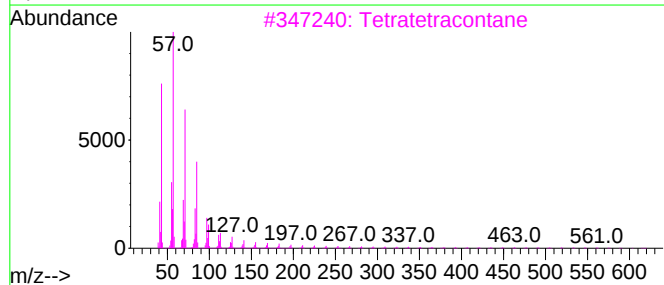
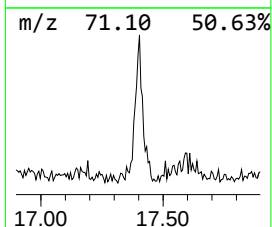
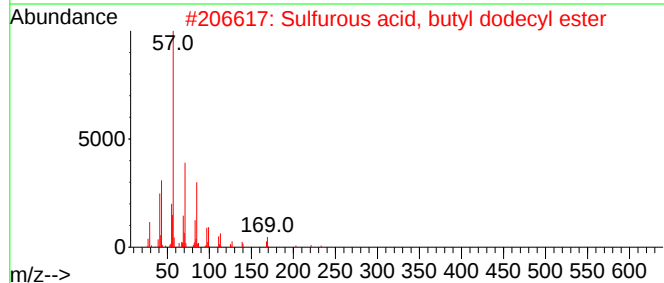
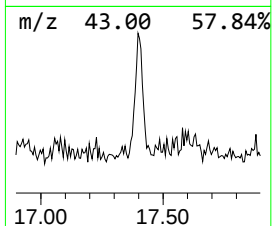
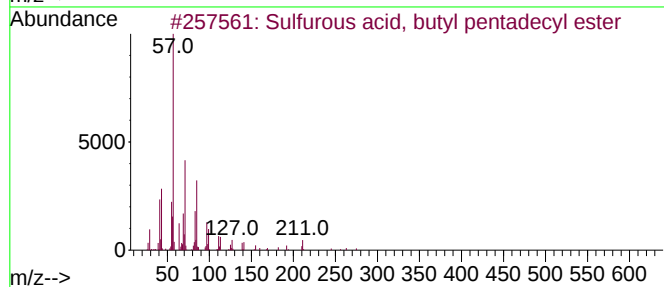
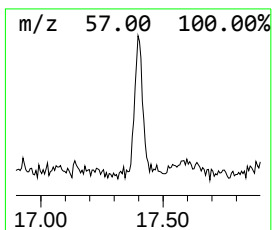
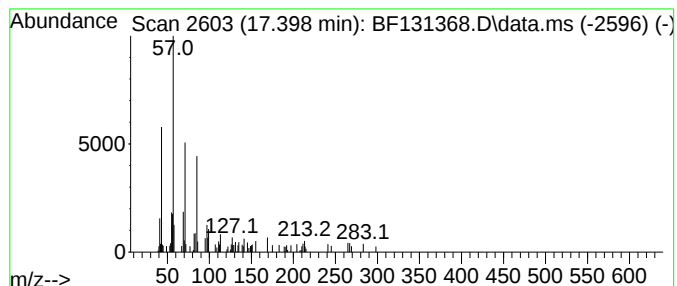
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.398	2.22 ng	66883	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	80
2			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
3			Tetratetracontane	619	C44H90	007098-22-8	80
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131368.D
Acq On : 23 Nov 2022 18:53
Operator : CG\JU
Sample : N5641-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-14

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...	2.334	33.2	ng	1342240	1	6.951	808937	20.0
2-Pentanone, 4-...	5.187	10.8	ng	437082	1	6.951	808937	20.0
Ethanol, 2-(2-b...	8.133	6.3	ng	330104	2	8.239	1046500	20.0
n-Hexadecanoic ...	12.021	2.6	ng	137362	4	11.498	1059220	20.0
Eicosane	15.315	2.3	ng	68755	6	15.692	601285	20.0
Octacosane	16.203	2.9	ng	86861	6	15.692	601285	20.0
Hentriacontane	16.750	2.5	ng	76087	6	15.692	601285	20.0
Sulfurous acid,...	17.398	2.2	ng	66883	6	15.692	601285	20.0