

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131358.D
 Acq On : 23 Nov 2022 12:24
 Operator : CG\JU
 Sample : N5641-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-12

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: BF131358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	23	31	37	rBV	790537	1003445	44.26%	6.071%
2	5.187	519	527	533	rBV	263568	315812	13.93%	1.911%
3	5.575	587	593	596	rBV	1881987	1956221	86.28%	11.835%
4	6.575	758	763	766	rBV	1853058	1986313	87.60%	12.018%
5	6.963	825	829	832	rBV	701512	531967	23.46%	3.218%
6	7.528	920	925	928	rBV	1449471	1266252	55.85%	7.661%
7	8.145	1027	1030	1044	rBV	229597	214665	9.47%	1.299%
8	8.251	1044	1048	1052	rVV	836485	683583	30.15%	4.136%
9	9.333	1227	1232	1235	rBV	2746725	2267408	100.00%	13.718%
10	10.016	1344	1348	1352	rVB	987520	793234	34.98%	4.799%
11	10.810	1478	1483	1486	rBV	1538376	1408988	62.14%	8.525%
12	11.369	1572	1578	1581	rBV2	27093	28974	1.28%	0.175%
13	11.516	1599	1603	1606	rBV	819806	741511	32.70%	4.486%
14	11.580	1611	1614	1617	rVB2	32751	30153	1.33%	0.182%
15	11.898	1665	1668	1673	rVB	28001	26221	1.16%	0.159%
16	12.027	1684	1690	1700	rBV2	109608	148947	6.57%	0.901%
17	12.733	1806	1810	1813	rBV	29122	29561	1.30%	0.179%
18	12.768	1813	1816	1819	rVB	43614	35630	1.57%	0.216%
19	12.821	1822	1825	1830	rBV	55817	51459	2.27%	0.311%
20	12.921	1839	1842	1845	rBV	67419	52767	2.33%	0.319%
21	13.110	1870	1874	1877	rBV	1954568	1645883	72.59%	9.958%
22	13.633	1960	1963	1966	rBV	39258	33177	1.46%	0.201%
23	13.968	2004	2020	2022	rBV	71193	233984	10.32%	1.416%
24	14.168	2048	2054	2057	rBV	510295	453993	20.02%	2.747%
25	14.639	2132	2134	2141	rVB	39681	49048	2.16%	0.297%
26	14.968	2184	2190	2194	rBV2	30430	49250	2.17%	0.298%
27	15.709	2311	2316	2320	rBV	363855	456818	20.15%	2.764%
28	16.221	2400	2403	2409	rBV4	19413	33217	1.46%	0.201%

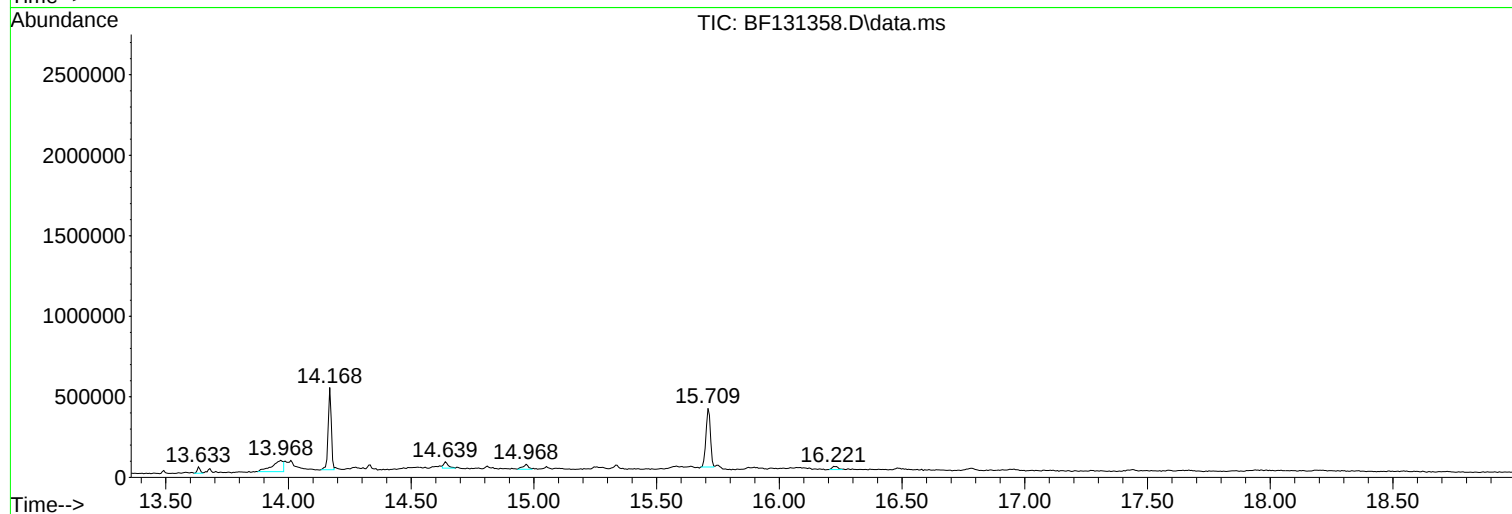
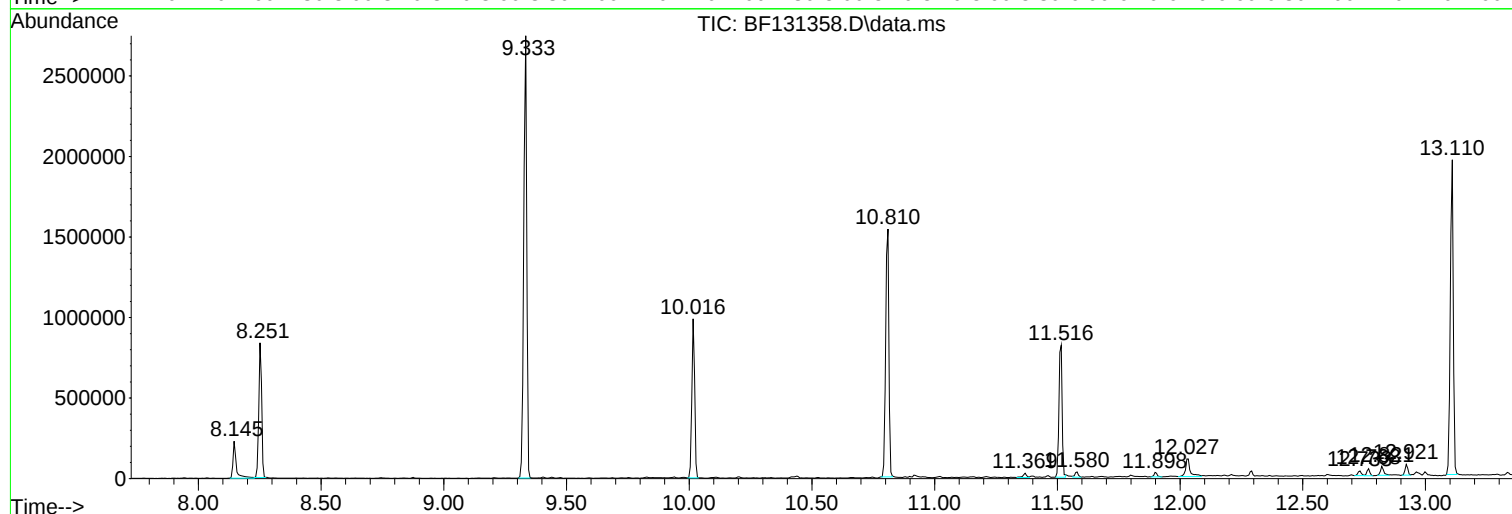
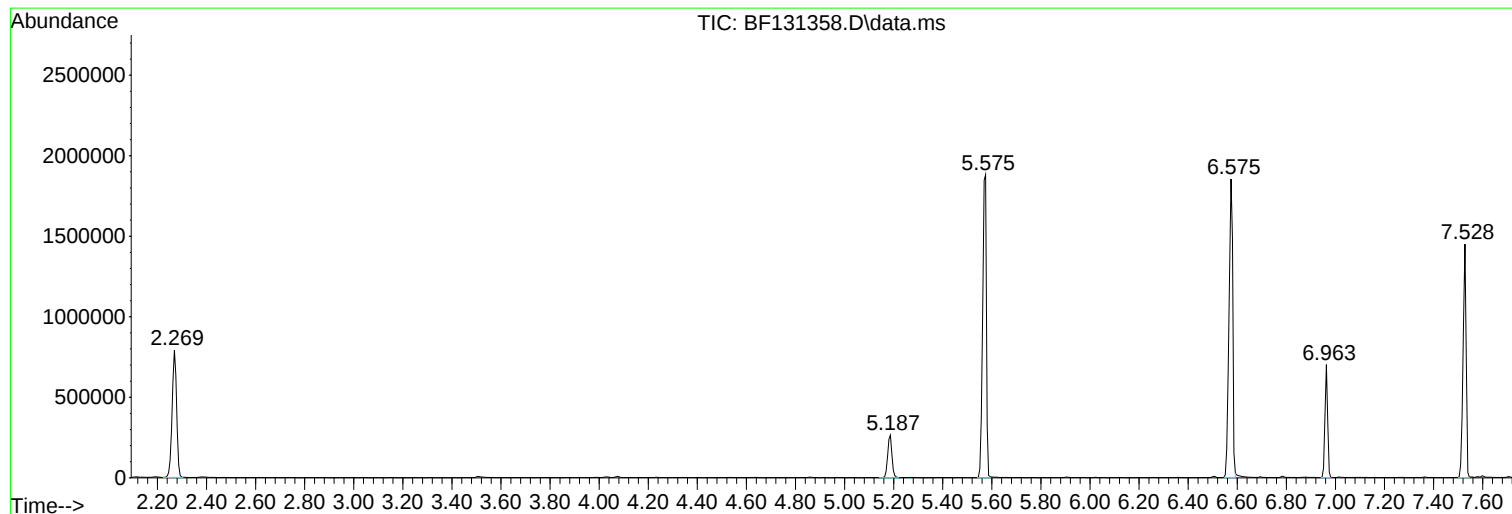
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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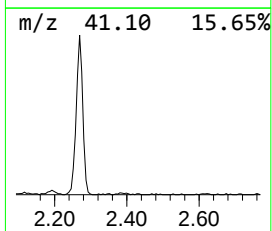
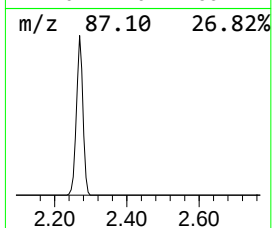
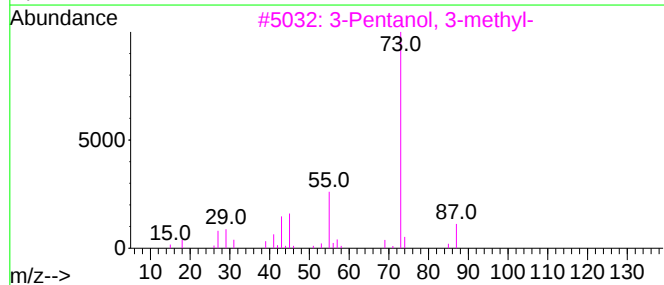
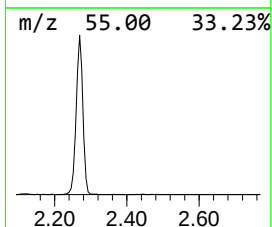
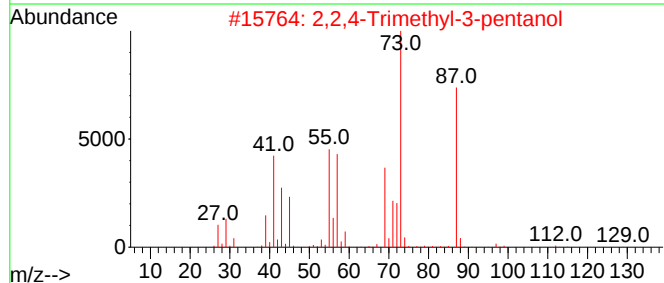
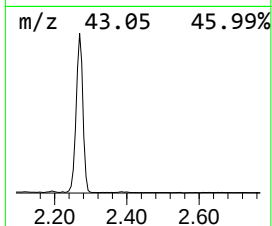
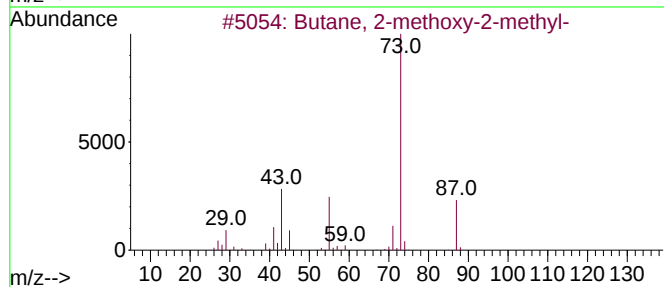
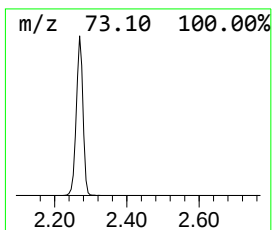
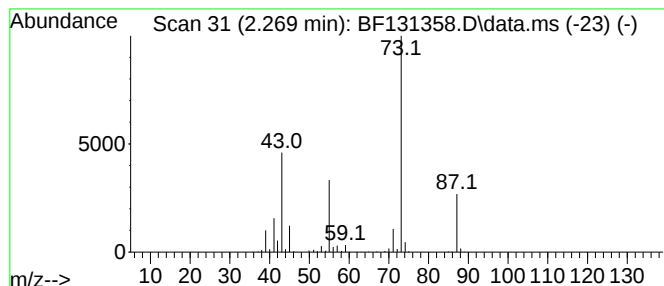
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.269	37.73 ng	1003450	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	40
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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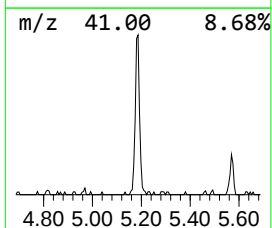
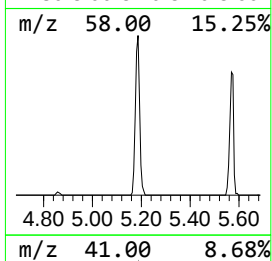
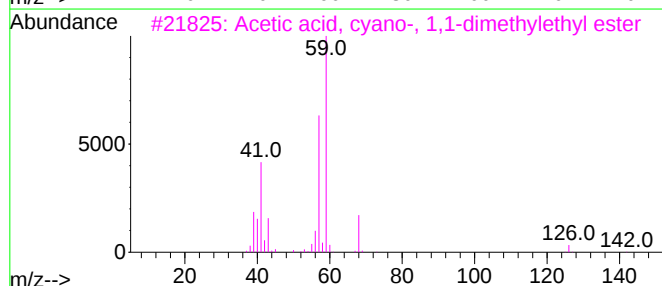
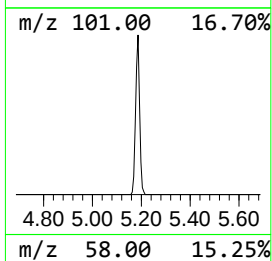
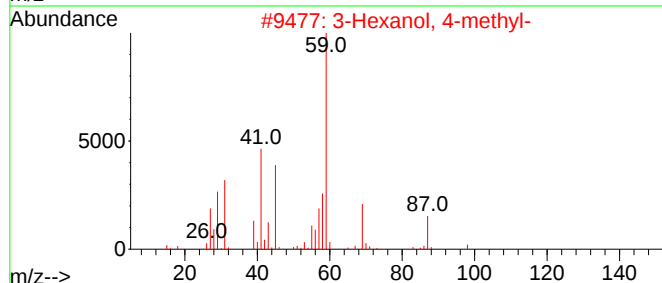
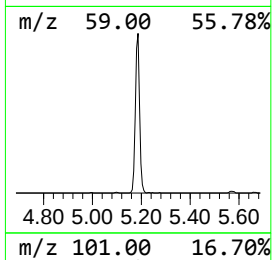
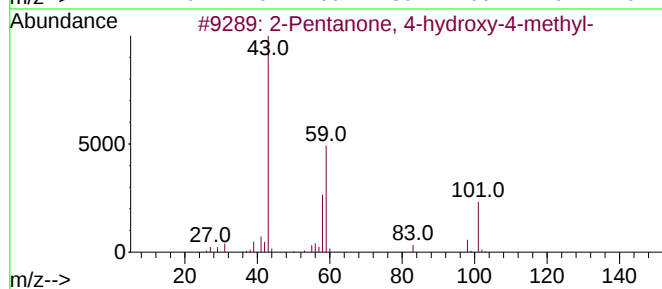
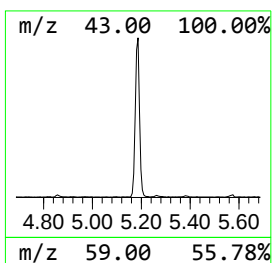
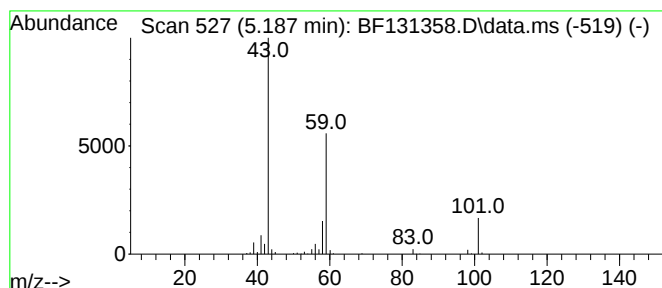
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	11.87 ng	315812	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	72		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9		



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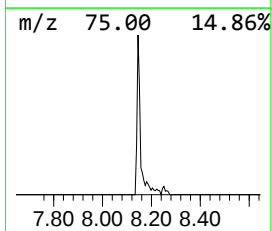
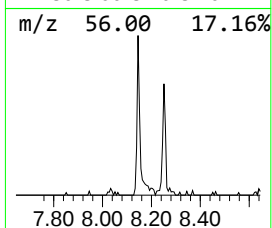
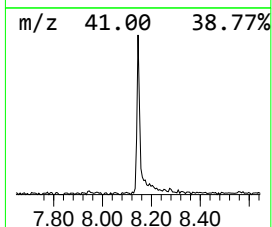
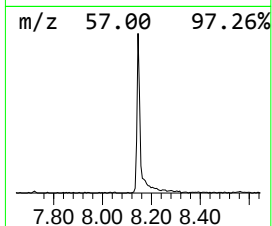
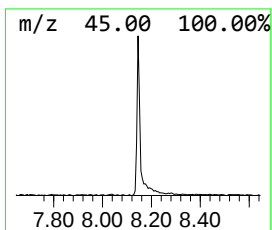
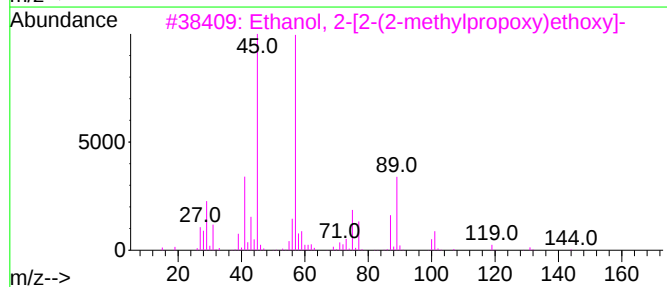
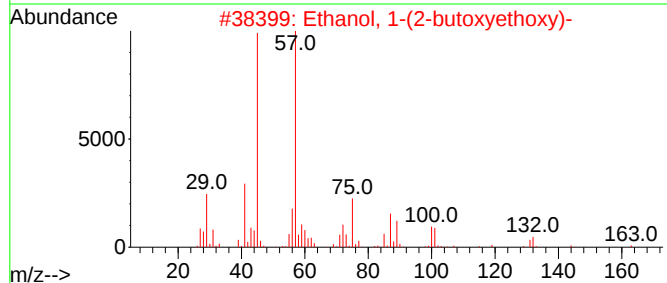
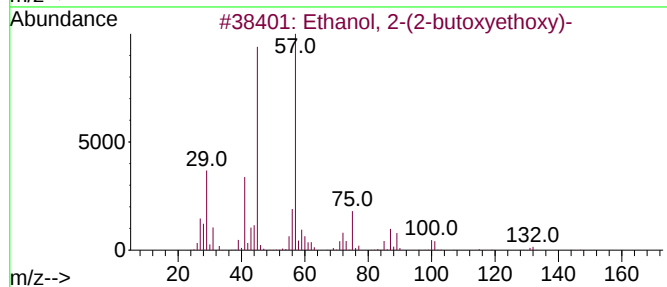
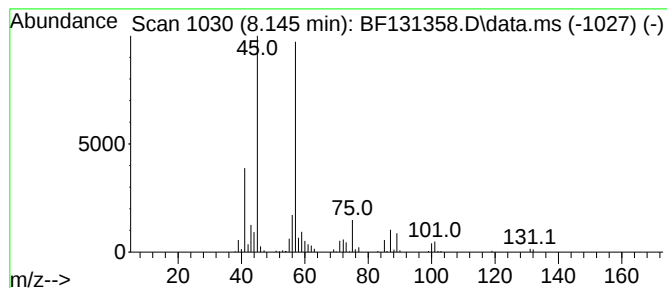
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.145	6.28 ng	214665	Naphthalene-d8	8.251

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	78
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4			Tetraethylene glycol	194	C8H18O5	000112-60-7	53
5			Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50



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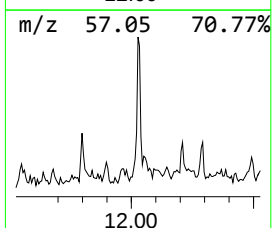
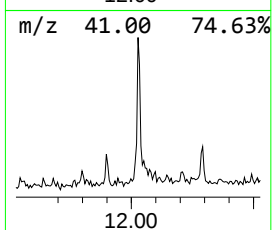
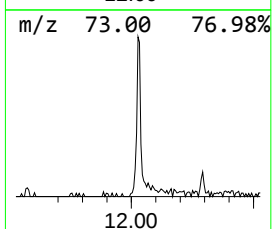
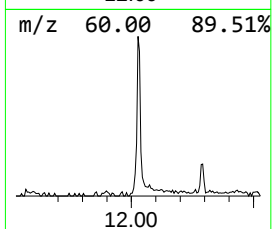
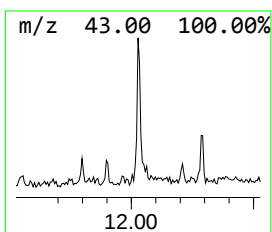
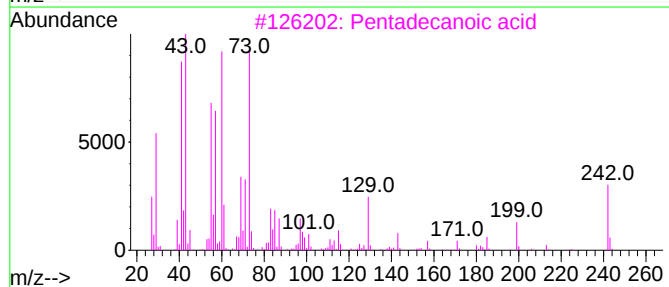
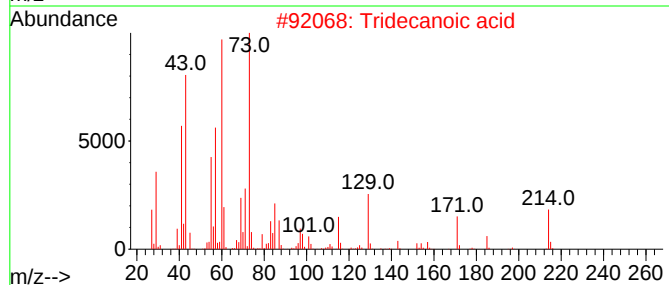
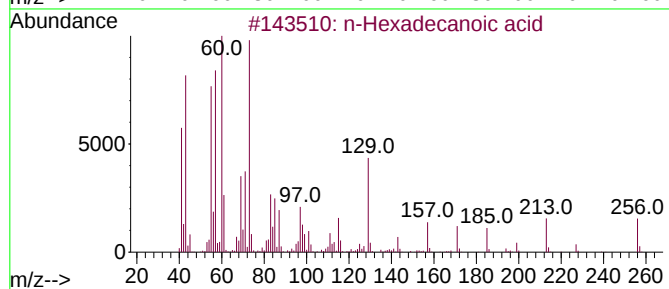
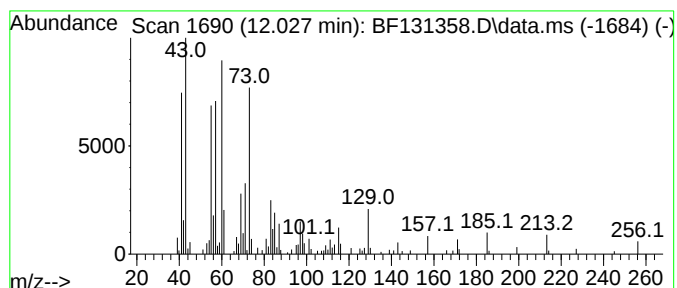
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.027	4.02 ng	148947	Phenanthrene-d10	11.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	86



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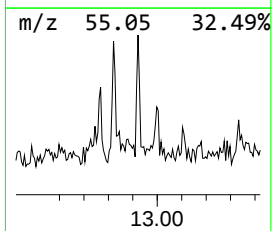
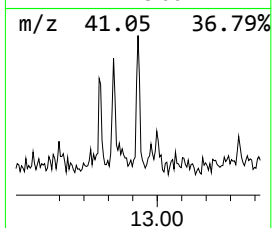
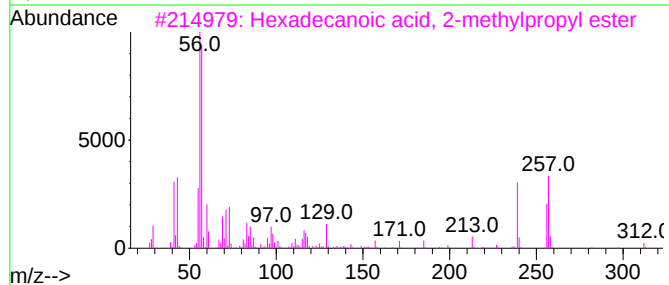
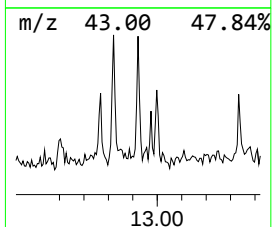
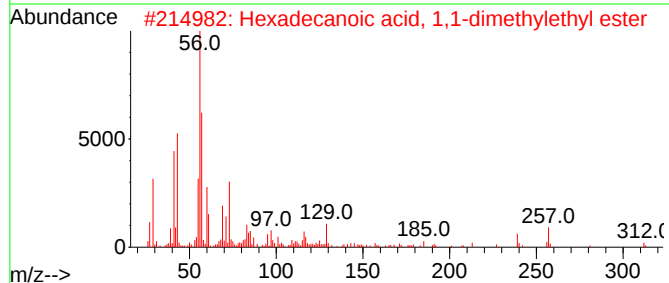
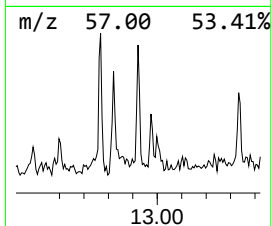
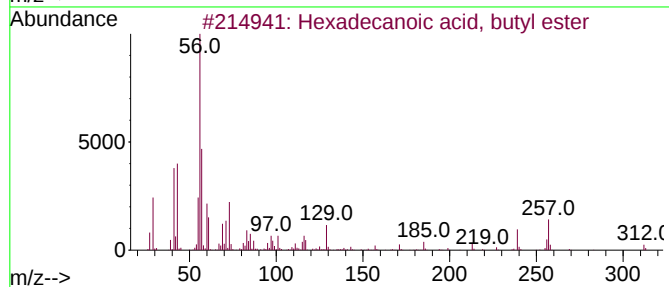
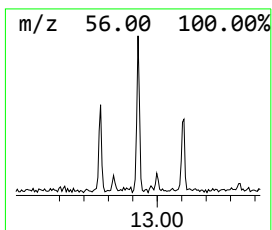
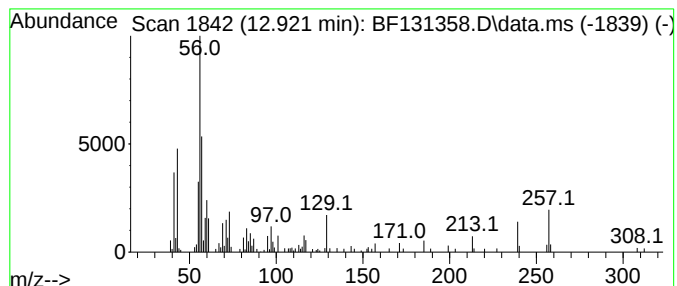
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	2.32 ng	52767	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	55
3			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	46
4			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37
5			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35



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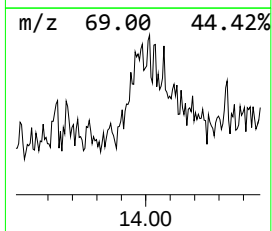
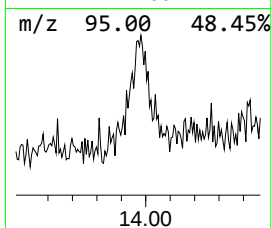
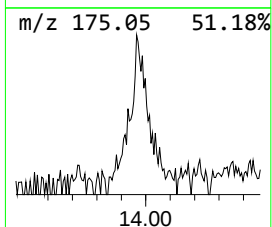
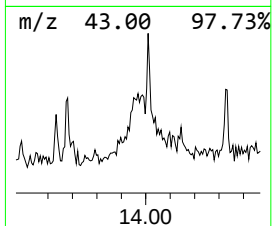
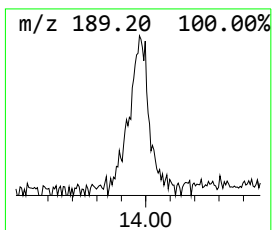
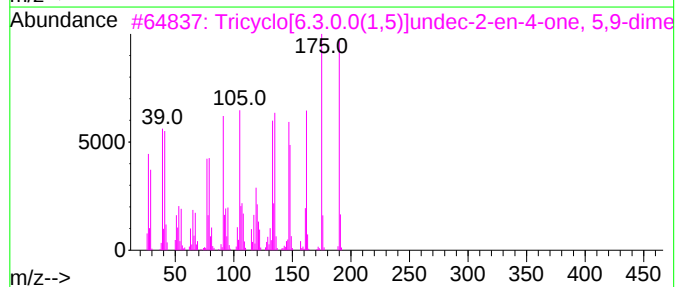
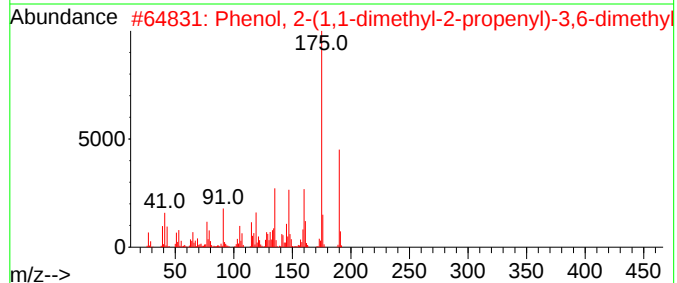
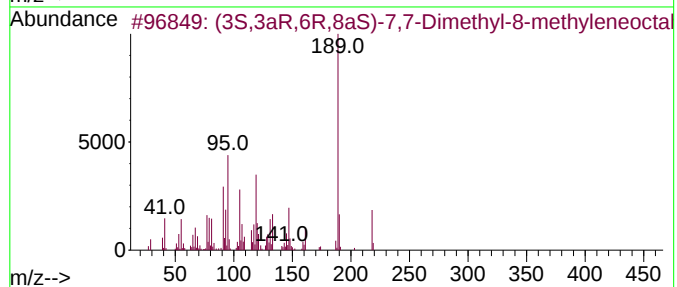
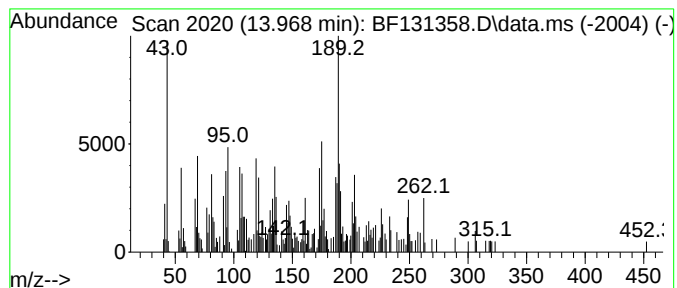
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.968 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.968	10.31 ng	233984	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(3S,3aR,6R,8aS)-7,7-Dimethyl-8-m...	218	C15H22O	082509-29-3	41
2			Phenol, 2-(1,1-dimethyl-2-propen...	190	C13H18O	092617-73-7	38
3			Tricyclo[6.3.0.0(1,5)]undec-2-en...	190	C13H18O	1000153-99-7	35
4			5-Isopropylidene-6-methyldeca-3,...	204	C14H20O	1000197-84-7	30
5			4-(2', 4', 4'-trimethyl-yciclo[4...	204	C14H20O	1000373-94-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131358.D
Acq On : 23 Nov 2022 12:24
Operator : CG\JU
Sample : N5641-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

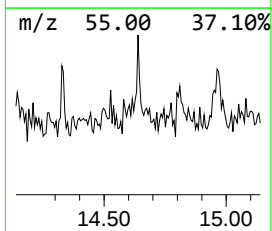
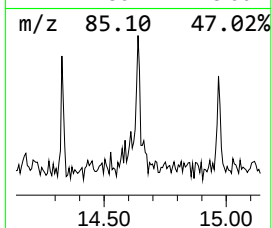
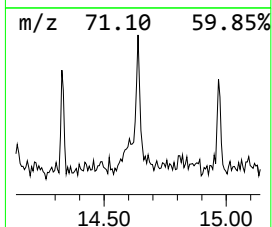
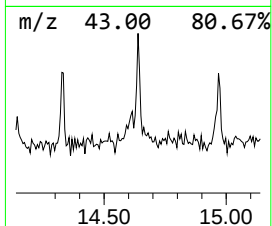
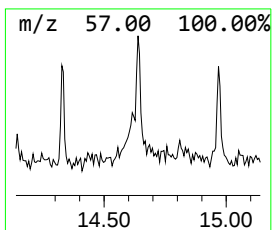
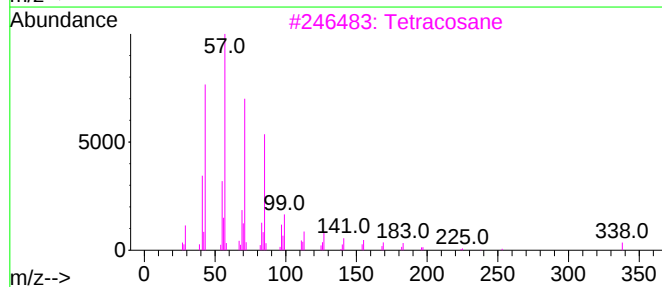
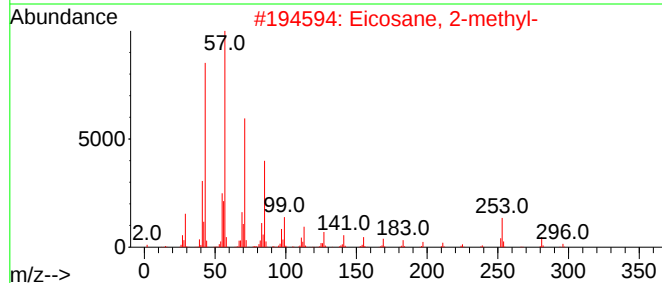
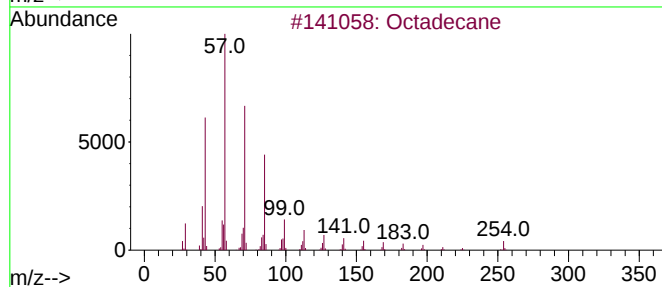
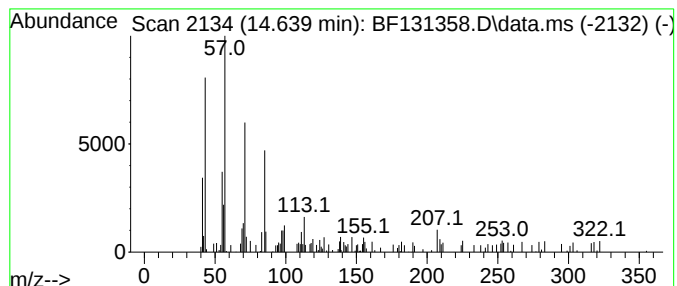
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	2.16 ng	49048	Chrysene-d12	14.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	70
2			Eicosane, 2-methyl-	296	C21H44	001560-84-5	68
3			Tetracosane	338	C24H50	000646-31-1	52
4			Eicosane	282	C20H42	000112-95-8	52
5			Octacosane	394	C28H58	000630-02-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131358.D
Acq On : 23 Nov 2022 12:24
Operator : CG\JU
Sample : N5641-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

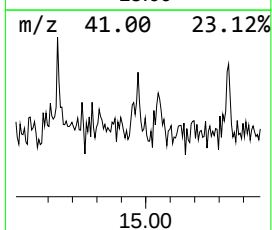
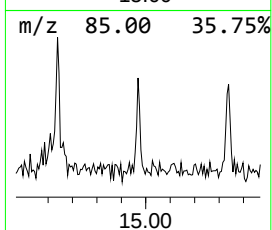
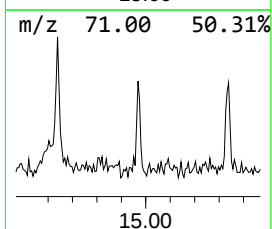
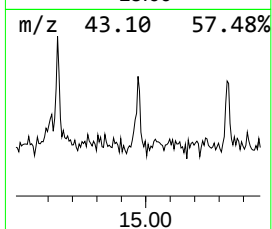
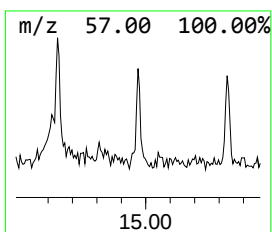
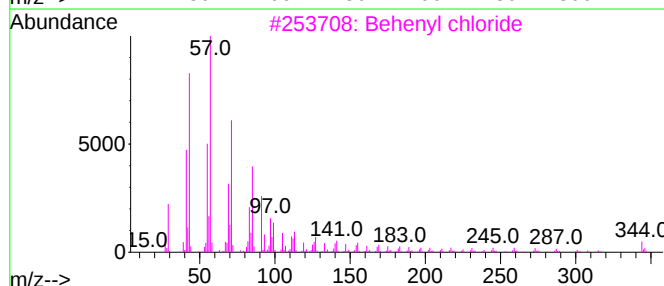
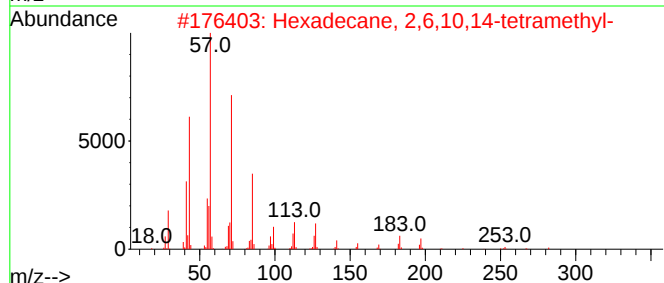
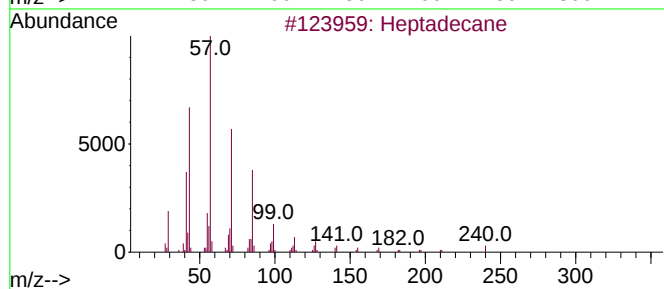
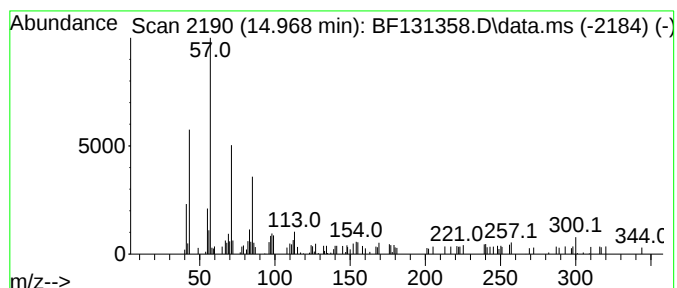
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	2.16 ng	49250	Perylene-d12	15.709

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	60
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3			Behenyl chloride	344	C22H45Cl	042217-03-8	49
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131358.D
Acq On : 23 Nov 2022 12:24
Operator : CG\JU
Sample : N5641-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-12

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...	2.269	37.7	ng	1003450	1	6.963	531967	20.0
2-Pentanone, 4-...	5.187	11.9	ng	315812	1	6.963	531967	20.0
Ethanol, 2-(2-b...	8.145	6.3	ng	214665	2	8.251	683583	20.0
n-Hexadecanoic ...	12.027	4.0	ng	148947	4	11.516	741511	20.0
Hexadecanoic ac...	12.921	2.3	ng	52767	5	14.168	453993	20.0
unknown13.968	13.968	10.3	ng	233984	5	14.168	453993	20.0
Octadecane	14.639	2.2	ng	49048	5	14.168	453993	20.0
Heptadecane	14.968	2.2	ng	49250	6	15.709	456818	20.0