

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131380.D
 Acq On : 24 Nov 2022 01:24
 Operator : CG\JU
 Sample : N5641-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-11

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: BF131380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	28	36	44	rVB	975687	1242263	49.25%	6.855%
2	5.187	522	527	534	rBV	324299	391697	15.53%	2.161%
3	5.569	587	592	595	rBV	2549181	2522496	100.00%	13.920%
4	6.569	756	762	765	rBV	2059121	2457707	97.43%	13.562%
5	6.957	824	828	831	rVB	775811	624256	24.75%	3.445%
6	7.522	918	924	927	rBV	1660885	1516169	60.11%	8.366%
7	8.139	1025	1029	1042	rBV	273160	250421	9.93%	1.382%
8	8.245	1042	1047	1050	rVB	893374	726663	28.81%	4.010%
9	9.327	1225	1231	1234	rBV	2697720	2346675	93.03%	12.949%
10	10.010	1343	1347	1350	rBV	893631	694430	27.53%	3.832%
11	10.798	1477	1481	1485	rBV	1433064	1237798	49.07%	6.830%
12	11.504	1597	1601	1604	rBV	710784	588852	23.34%	3.249%
13	12.021	1685	1689	1696	rBV	86161	85275	3.38%	0.471%
14	12.815	1821	1824	1829	rBV4	29228	32385	1.28%	0.179%
15	12.957	1843	1848	1852	rBV2	21976	29798	1.18%	0.164%
16	13.098	1868	1872	1876	rBV	1902700	1820175	72.16%	10.044%
17	14.004	2023	2026	2028	rBV	31009	33795	1.34%	0.186%
18	14.162	2049	2053	2056	rBV	616887	545755	21.64%	3.012%
19	14.257	2064	2069	2074	rBV	119492	136957	5.43%	0.756%
20	14.321	2078	2080	2084	rVB	29757	28778	1.14%	0.159%
21	14.633	2130	2133	2138	rVB	42539	45127	1.79%	0.249%
22	14.957	2185	2188	2193	rVB	34105	38644	1.53%	0.213%
23	15.321	2247	2250	2256	rVB	63294	79837	3.17%	0.441%
24	15.698	2310	2314	2318	rBV	314806	400154	15.86%	2.208%
25	15.739	2318	2321	2324	rVB	53033	62202	2.47%	0.343%
26	16.209	2397	2401	2409	rBV2	53605	80931	3.21%	0.447%
27	16.756	2491	2494	2504	rVB2	34787	70241	2.78%	0.388%
28	17.409	2603	2605	2610	rVB2	23037	32426	1.29%	0.179%

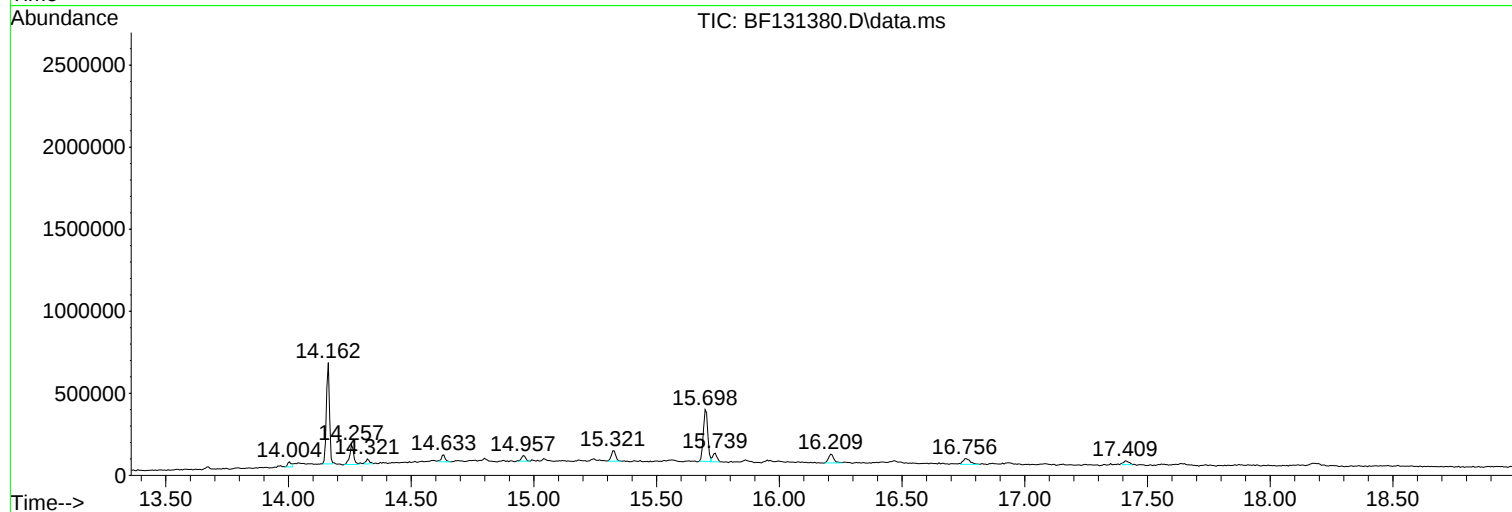
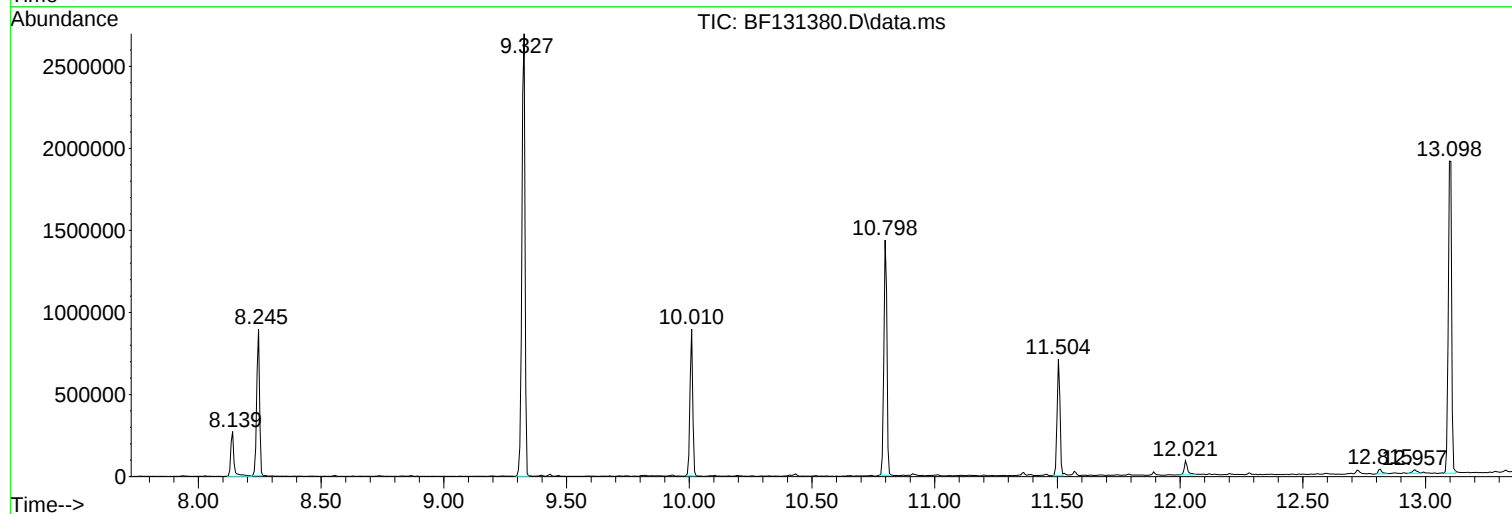
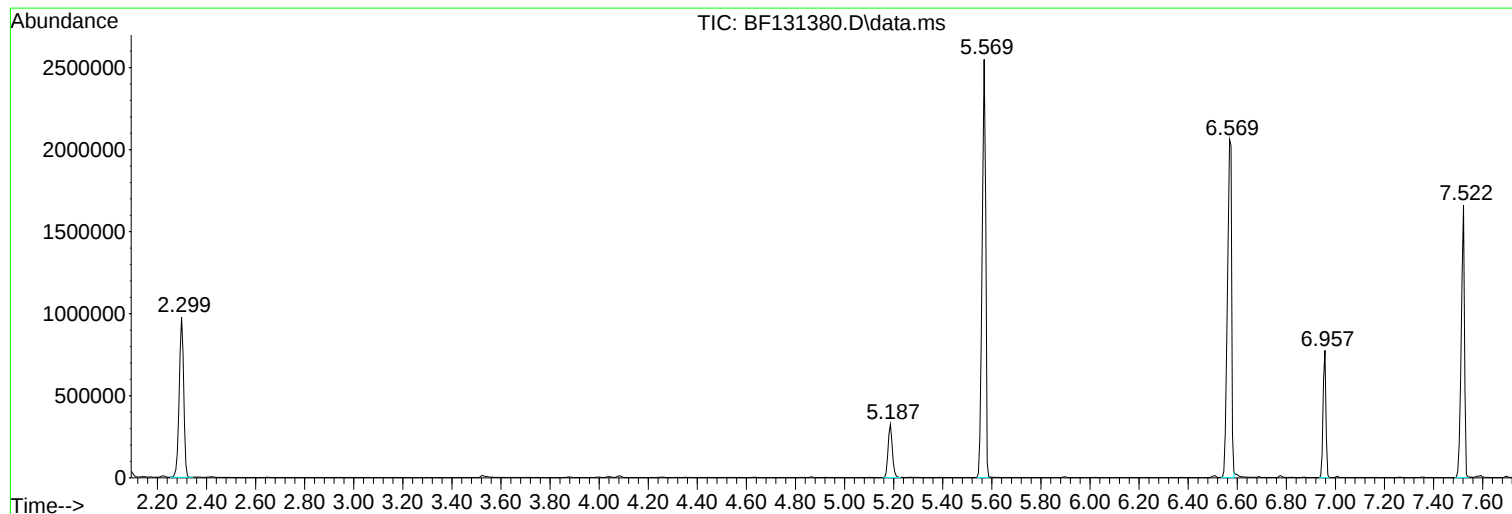
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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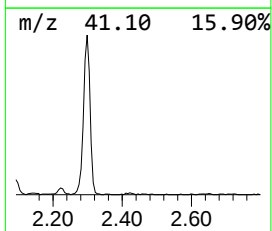
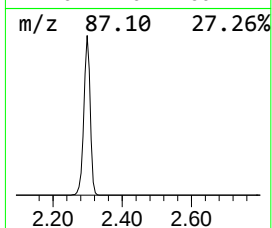
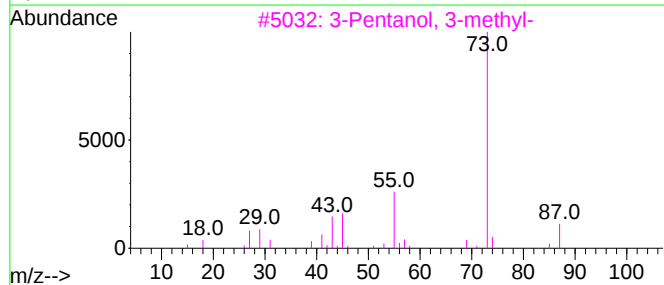
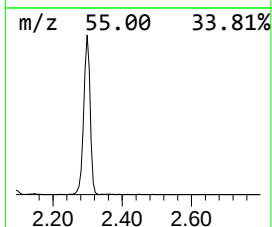
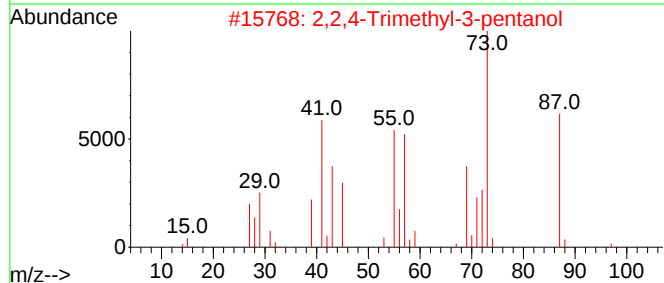
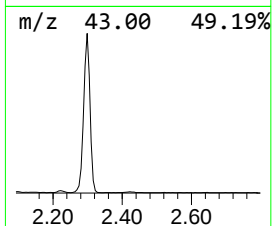
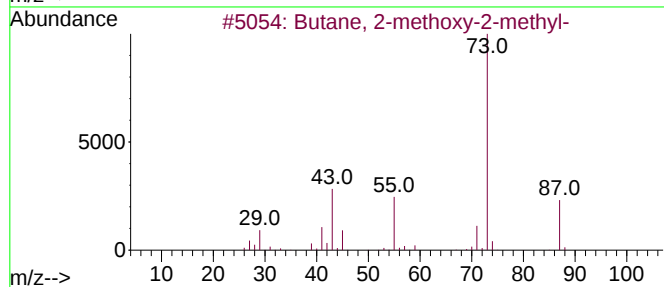
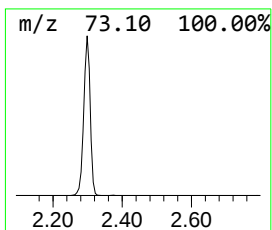
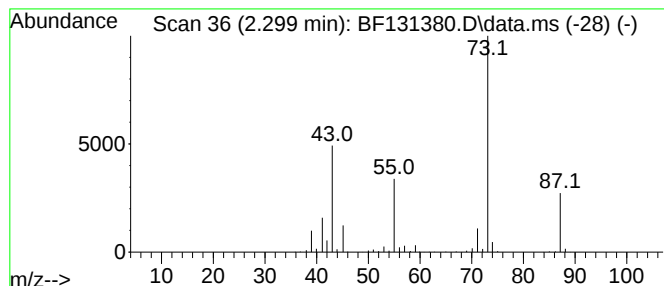
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.299	39.80 ng	1242260	1,4-Dichlorobenzene-d4	6.957

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	39
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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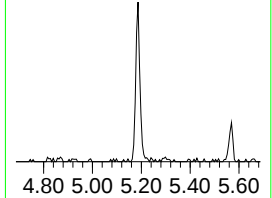
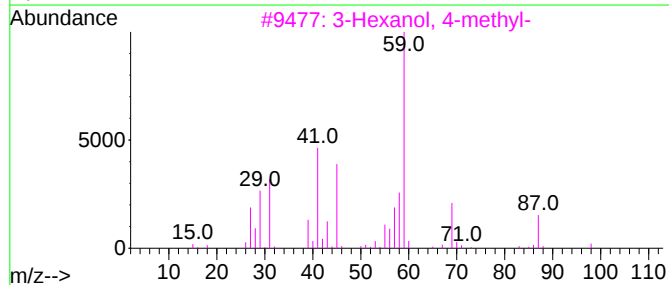
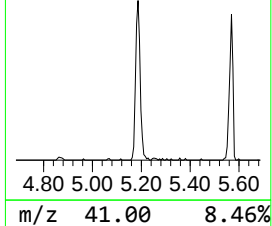
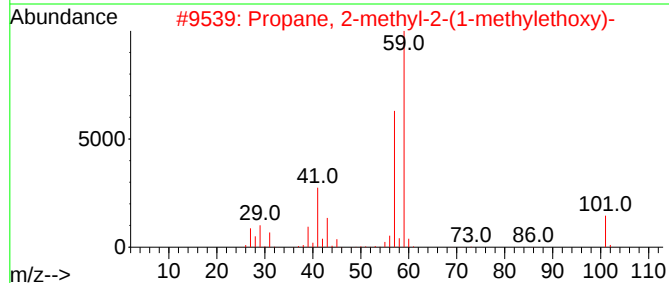
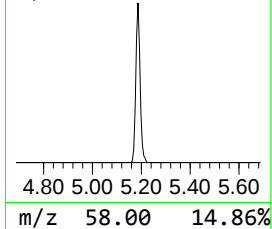
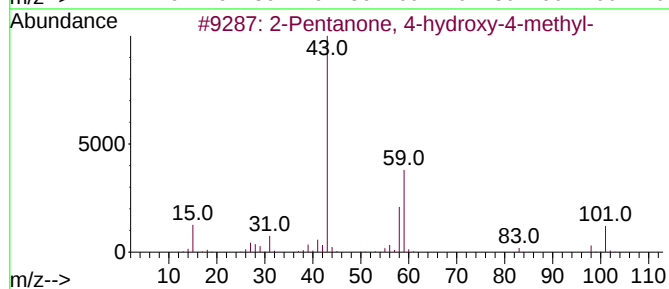
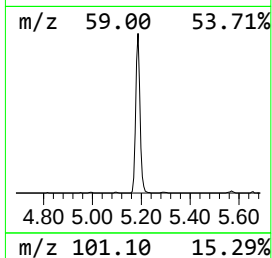
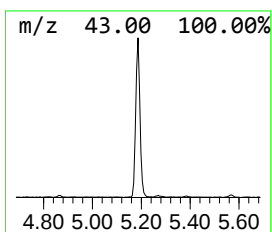
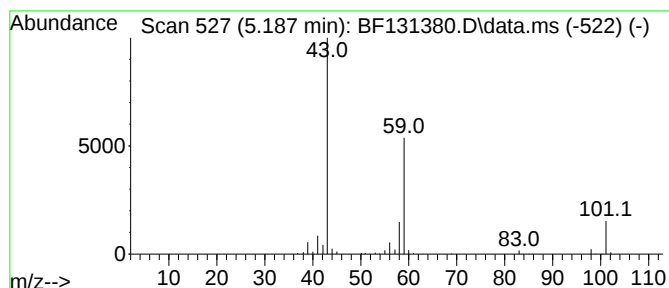
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	12.55 ng	391697	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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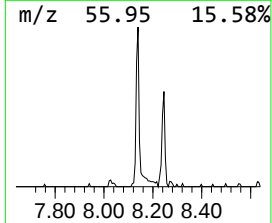
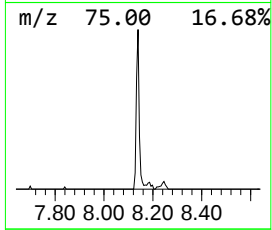
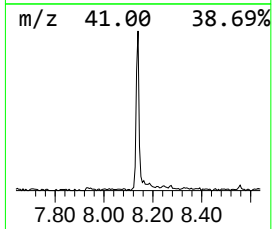
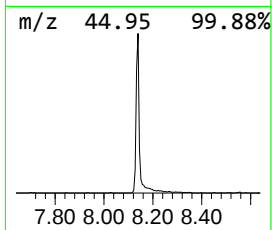
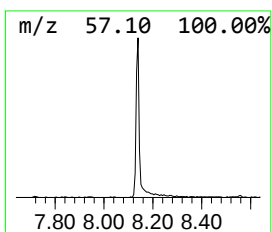
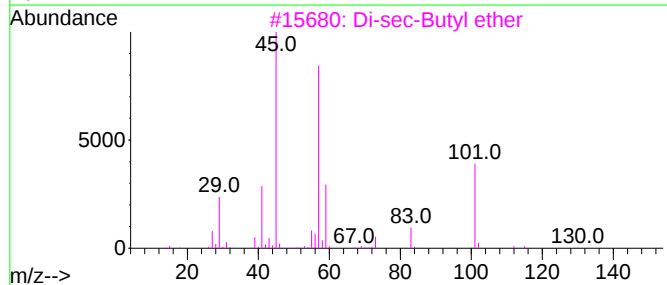
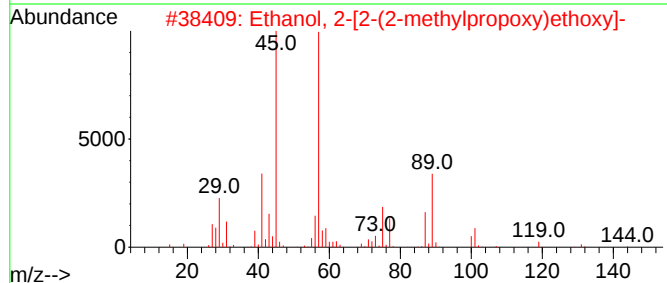
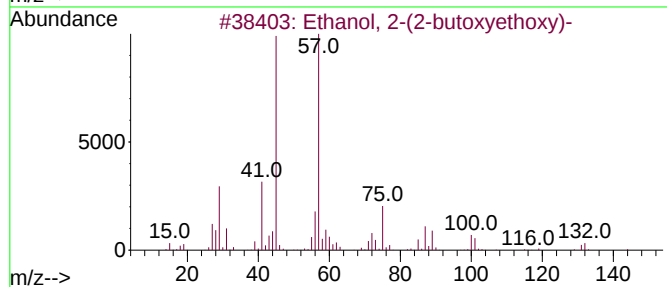
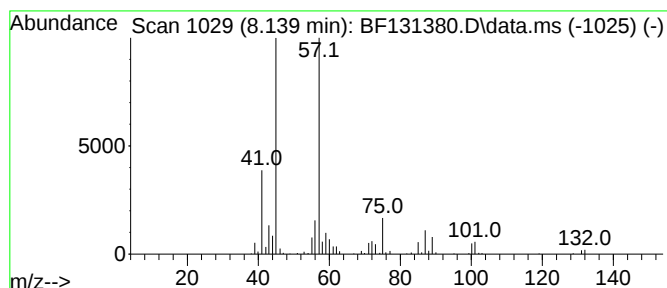
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.139	6.89 ng	250421	Naphthalene-d8	8.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
3		Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50



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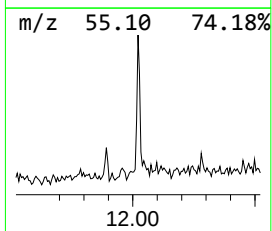
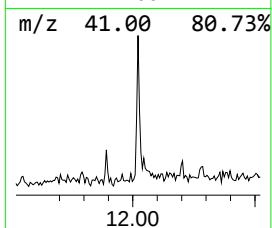
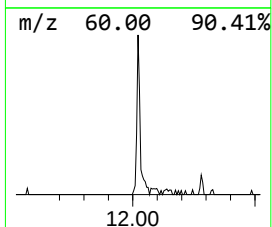
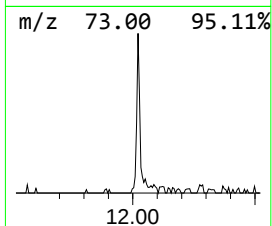
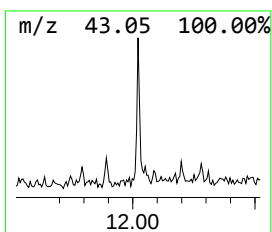
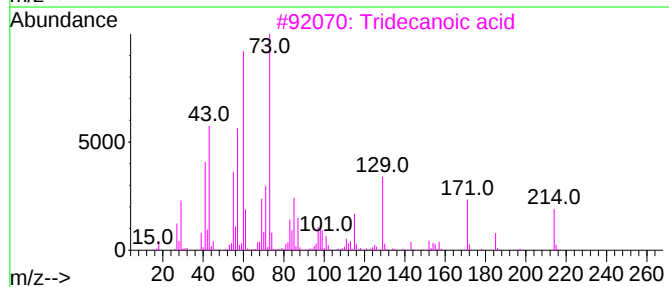
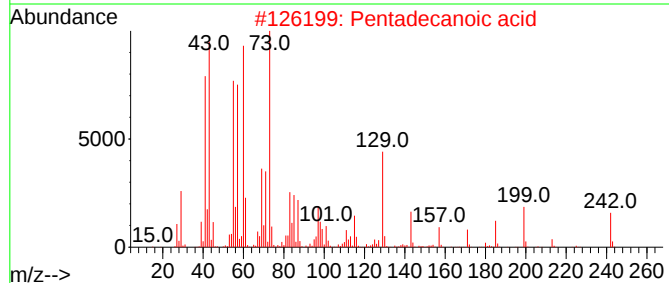
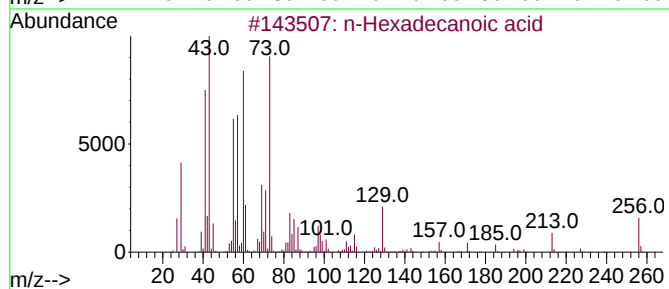
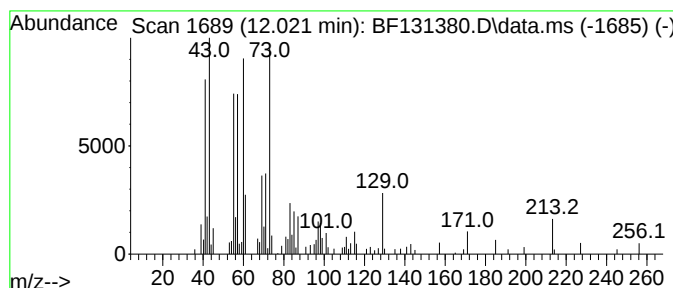
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	2.90 ng	85275	Phenanthrene-d10	11.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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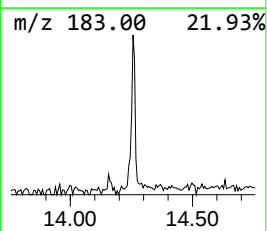
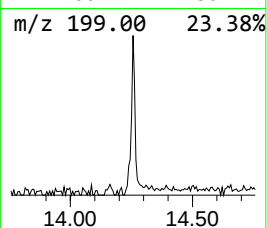
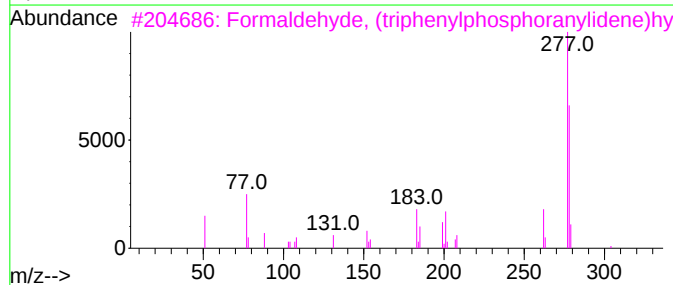
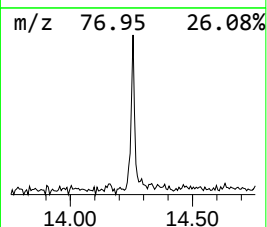
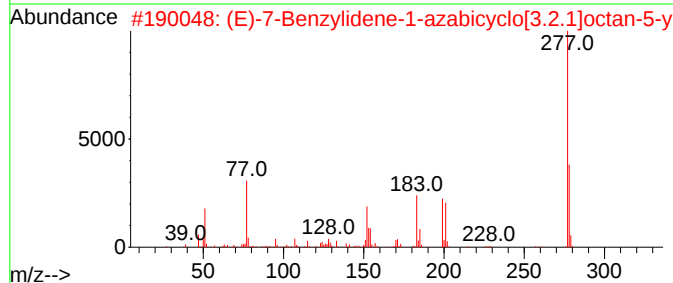
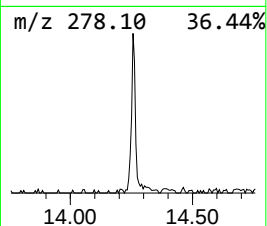
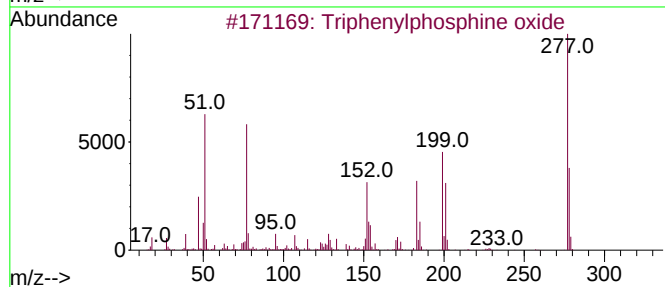
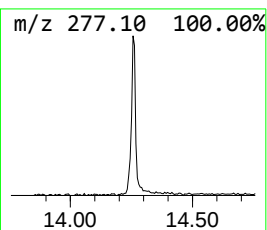
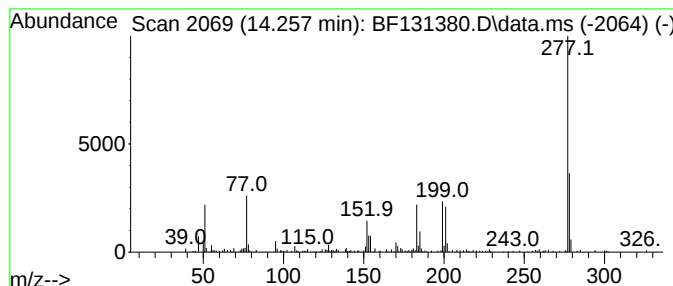
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.02 ng	136957	Chrysene-d12	14.162

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	50
4			4-Nitro-4'-methyldiphenylsulfone	277	C13H11N04S	004094-37-5	43
5			Furo[3,2-c]quinoline, 8-bromo-2,...	277	C13H12BrNO	1000310-92-7	38



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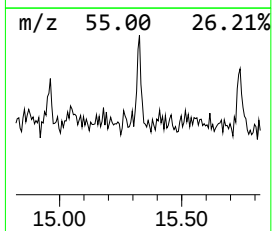
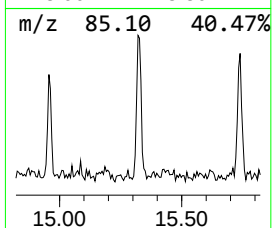
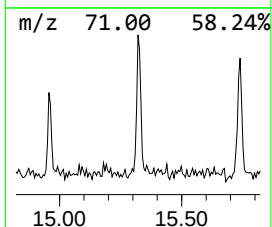
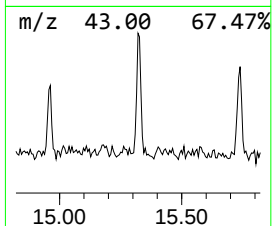
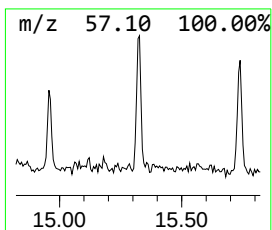
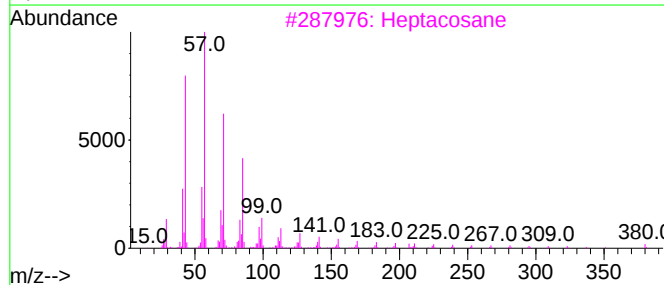
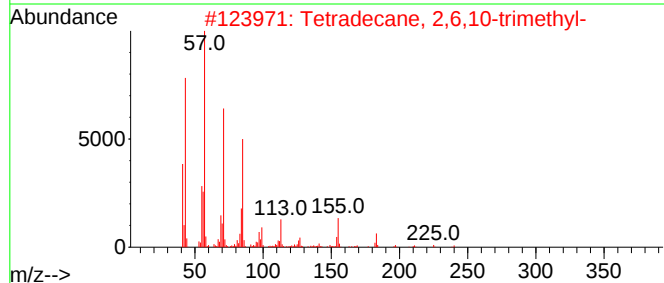
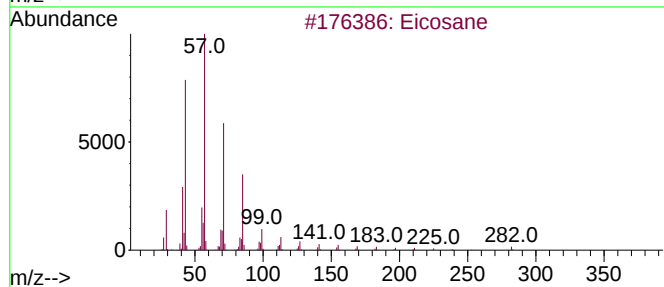
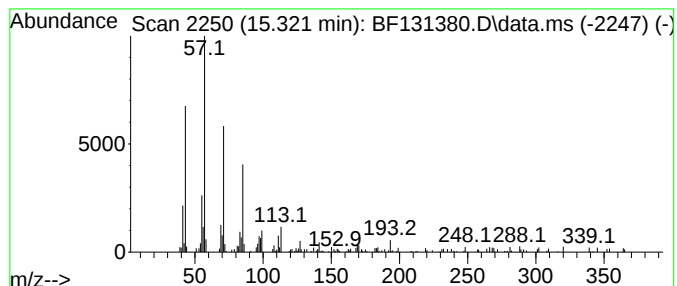
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	3.99 ng	79837	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131380.D
Acq On : 24 Nov 2022 01:24
Operator : CG\JU
Sample : N5641-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

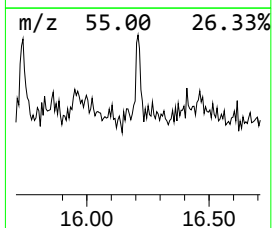
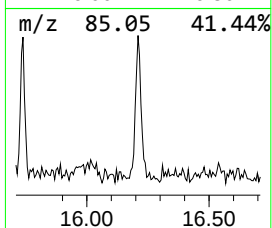
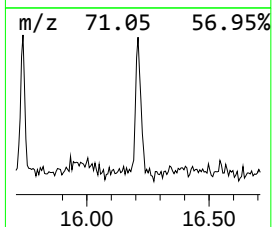
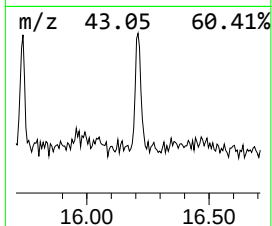
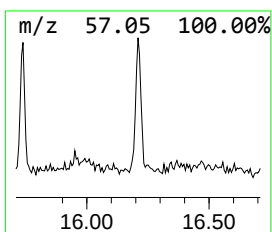
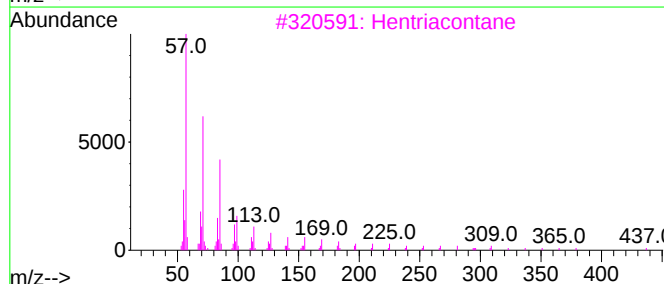
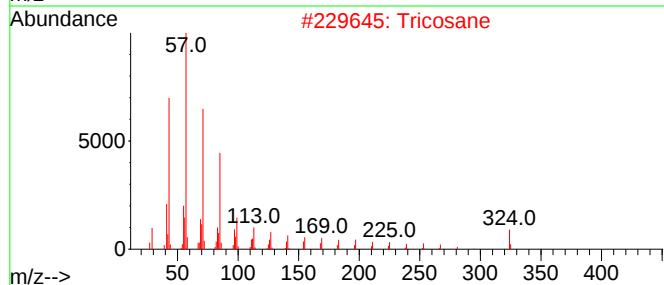
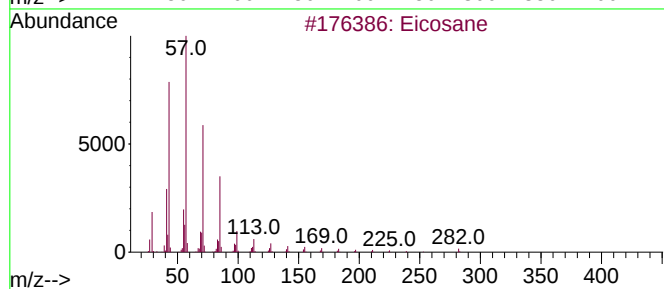
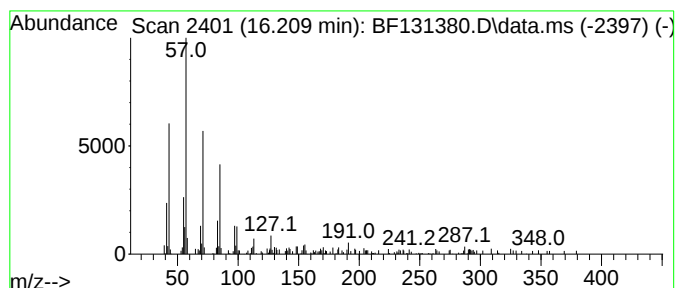
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.209	4.04 ng	80931	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Tricosane	324	C23H48	000638-67-5	83
3			Hentriacontane	437	C31H64	000630-04-6	83
4			1-Iodoundecane	282	C11H23I	004282-44-4	81
5			Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131380.D
Acq On : 24 Nov 2022 01:24
Operator : CG\JU
Sample : N5641-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

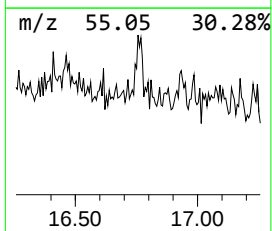
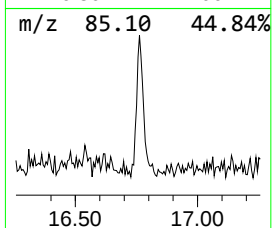
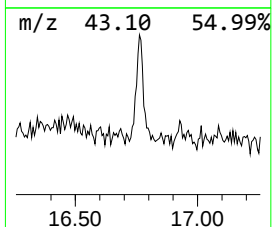
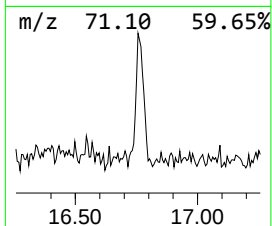
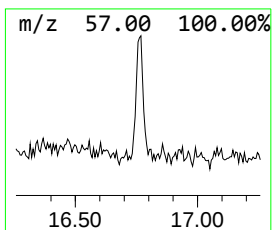
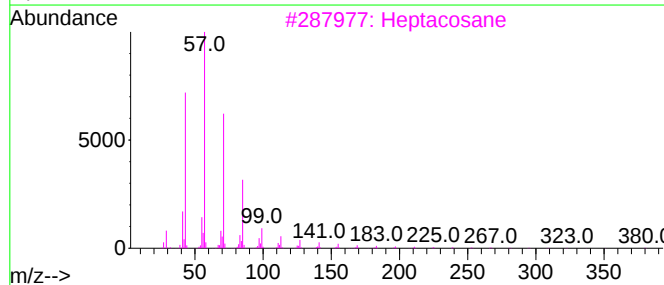
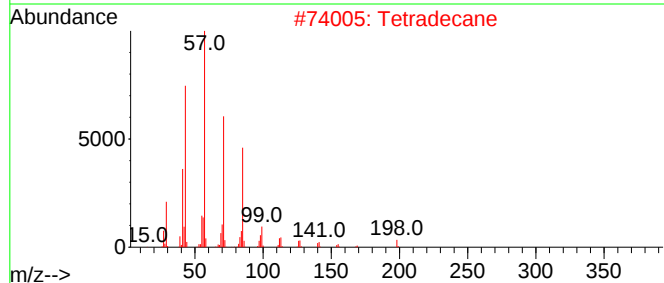
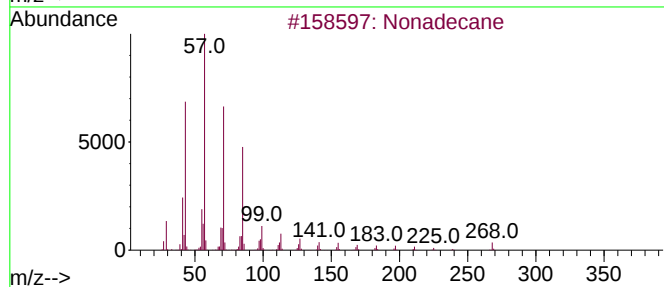
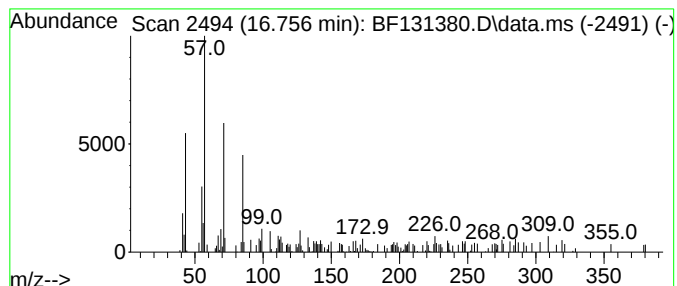
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	3.51 ng	70241	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetradecane	198	C14H30	000629-59-4	83
3			Heptacosane	380	C27H56	000593-49-7	70
4			Hexadecane	226	C16H34	000544-76-3	64
5			Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131380.D
Acq On : 24 Nov 2022 01:24
Operator : CG\JU
Sample : N5641-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-11

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...	2.299	39.8	ng	1242260	1	6.957	624256	20.0
2-Pentanone, 4-...	5.187	12.6	ng	391697	1	6.957	624256	20.0
Ethanol, 2-(2-b...	8.139	6.9	ng	250421	2	8.245	726663	20.0
n-Hexadecanoic ...	12.021	2.9	ng	85275	4	11.504	588852	20.0
Triphenylphosph...	14.257	5.0	ng	136957	5	14.162	545755	20.0
Eicosane	15.321	4.0	ng	79837	6	15.698	400154	20.0
Tricosane	16.209	4.0	ng	80931	6	15.698	400154	20.0
Nonadecane	16.756	3.5	ng	70241	6	15.698	400154	20.0