

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131379.D
 Acq On : 24 Nov 2022 00:52
 Operator : CG\JU
 Sample : N5641-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-13

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: BF131379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	27	34	40	rVB	820204	1047312	50.57%	6.345%
2	5.181	521	526	534	rBV	280988	319028	15.41%	1.933%
3	5.569	586	592	595	rBV	2085449	2070923	100.00%	12.546%
4	6.569	756	762	765	rBV	1996393	2000057	96.58%	12.116%
5	6.957	824	828	831	rVB	831913	682750	32.97%	4.136%
6	7.086	847	850	853	rBV	56343	43108	2.08%	0.261%
7	7.522	918	924	927	rBV	1289808	1267096	61.19%	7.676%
8	8.139	1025	1029	1040	rBV	232883	218529	10.55%	1.324%
9	8.245	1042	1047	1050	rVV	963115	807309	38.98%	4.891%
10	9.322	1225	1230	1233	rBV	2328583	2037502	98.39%	12.343%
11	10.010	1342	1347	1350	rBV	999286	801364	38.70%	4.855%
12	10.798	1477	1481	1484	rBV	1296608	1065556	51.45%	6.455%
13	11.504	1597	1601	1604	rBV	833610	685734	33.11%	4.154%
14	12.021	1685	1689	1699	rBV2	79649	76097	3.67%	0.461%
15	12.280	1730	1733	1736	rBV2	31536	25424	1.23%	0.154%
16	12.721	1805	1808	1813	rBV	31767	31254	1.51%	0.189%
17	12.815	1821	1824	1831	rBV2	31753	32645	1.58%	0.198%
18	12.957	1843	1848	1852	rBV	29781	37354	1.80%	0.226%
19	13.098	1868	1872	1876	rBV	1777037	1606739	77.59%	9.734%
20	14.004	2023	2026	2028	rBV	23079	22633	1.09%	0.137%
21	14.162	2049	2053	2056	rBV	709415	629777	30.41%	3.815%
22	14.257	2065	2069	2074	rBV	112257	116803	5.64%	0.708%
23	14.321	2078	2080	2085	rVB2	27057	23259	1.12%	0.141%
24	14.633	2130	2133	2137	rVB2	33066	36752	1.77%	0.223%
25	14.798	2159	2161	2166	rBV5	23448	26404	1.27%	0.160%
26	14.957	2186	2188	2193	rVB	31973	30535	1.47%	0.185%
27	15.327	2247	2251	2259	rVB	47658	71533	3.45%	0.433%
28	15.698	2310	2314	2318	rBV	350312	457998	22.12%	2.775%
29	15.739	2318	2321	2325	rVB	52397	68158	3.29%	0.413%
30	16.209	2397	2401	2408	rBV2	51955	82809	4.00%	0.502%
31	16.762	2492	2495	2505	rVB2	43073	84730	4.09%	0.513%

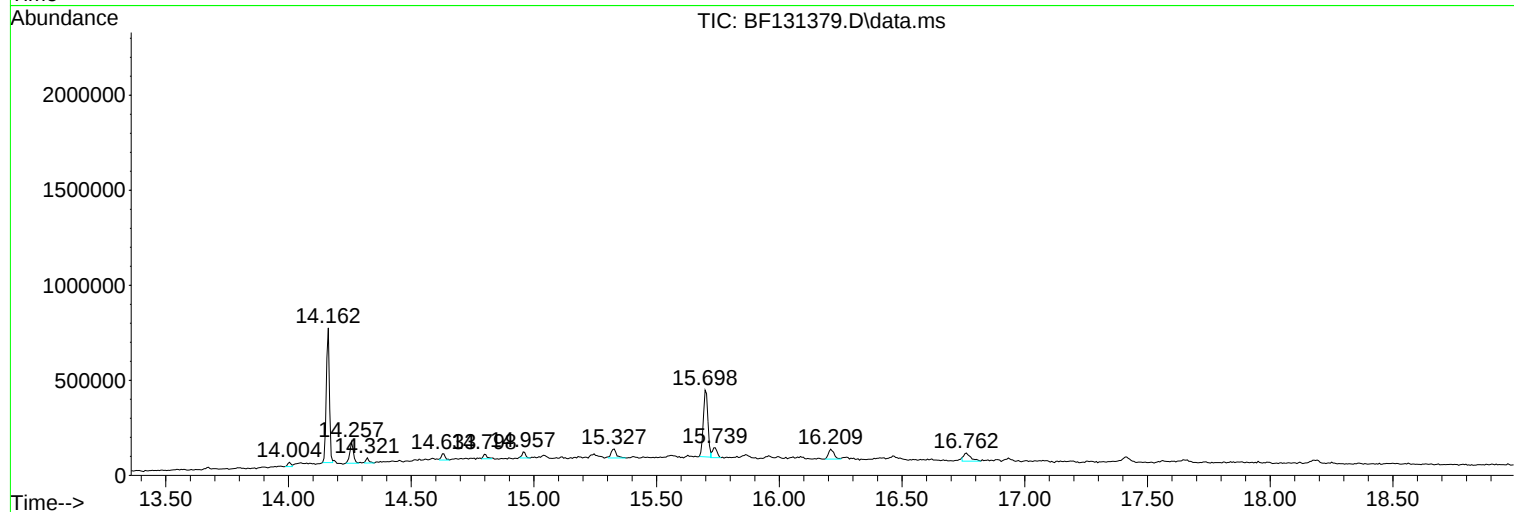
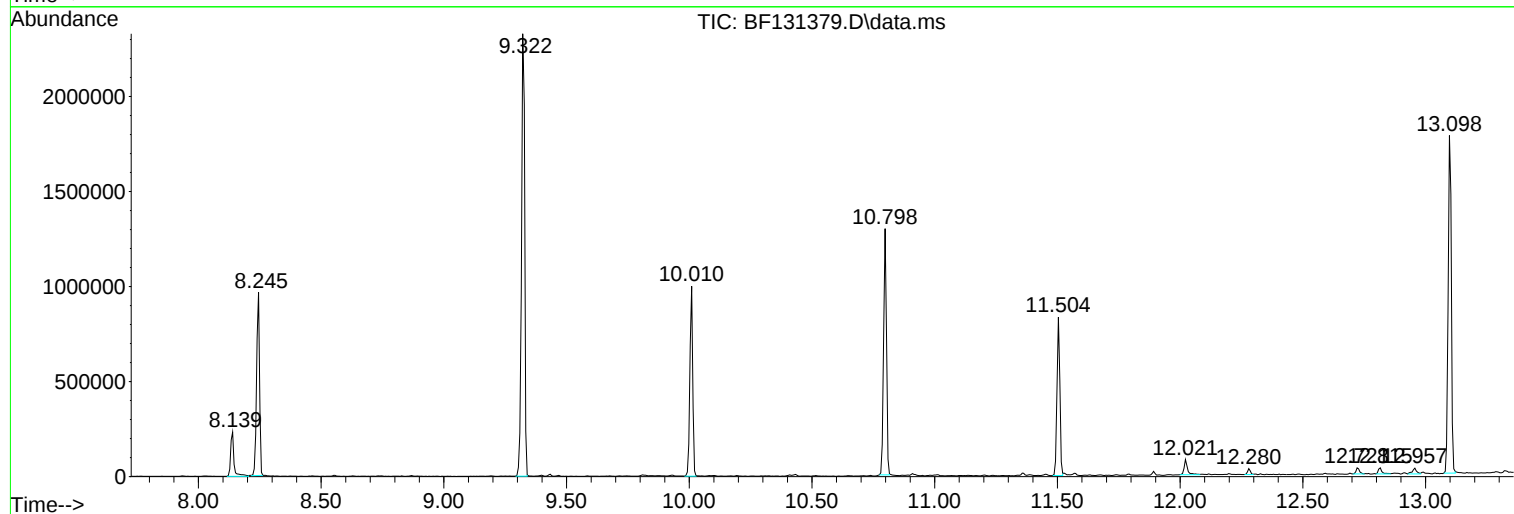
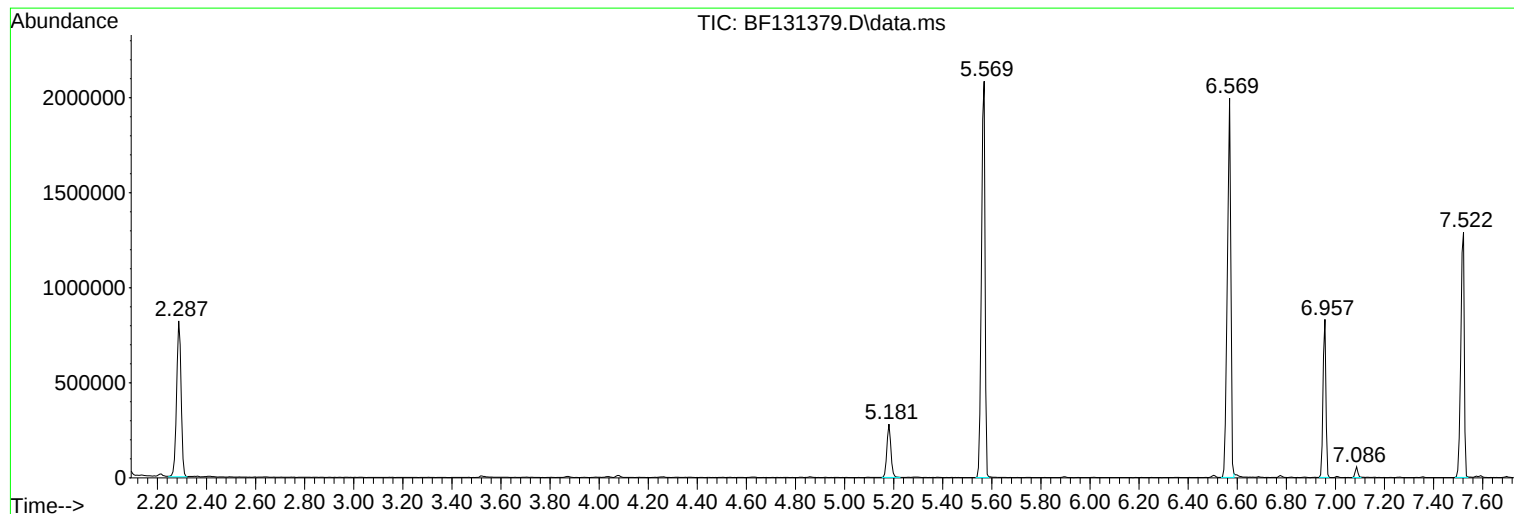
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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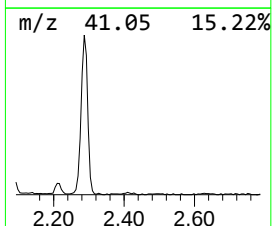
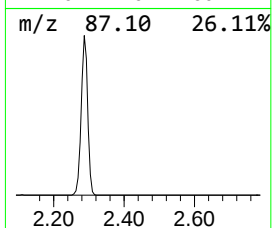
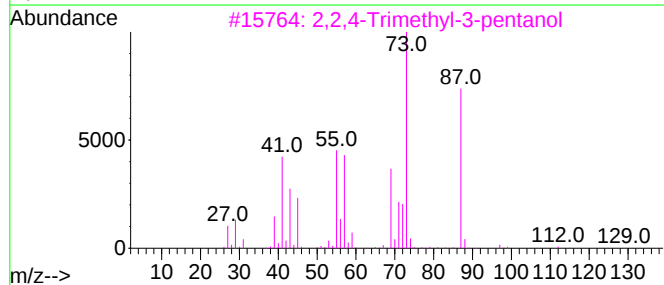
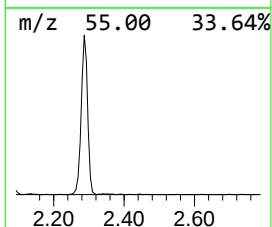
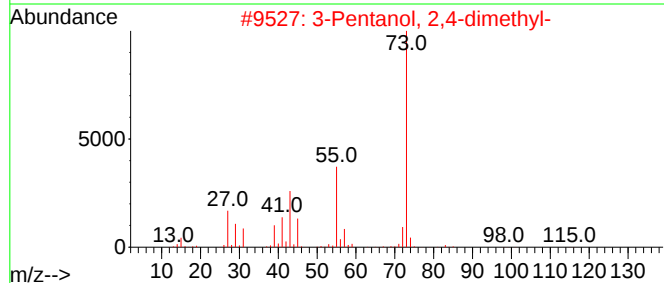
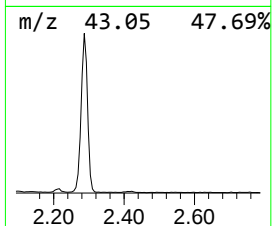
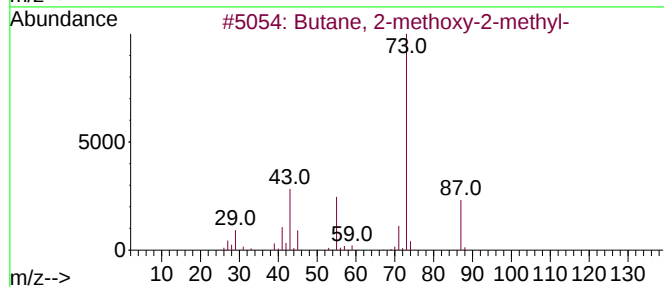
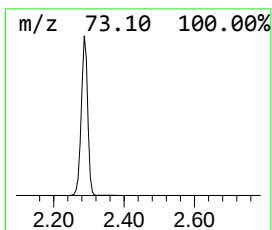
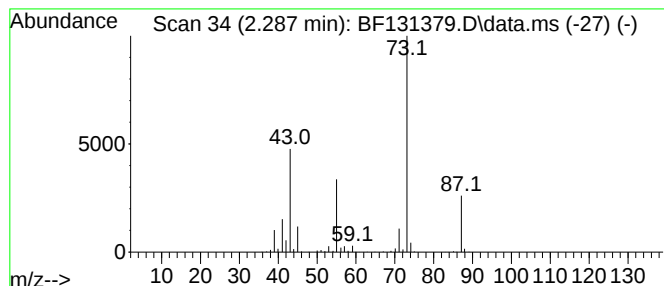
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.287	30.68 ng	1047310	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			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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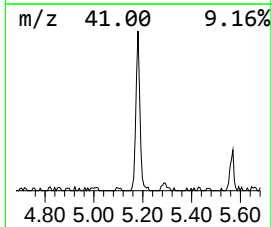
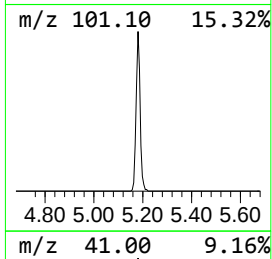
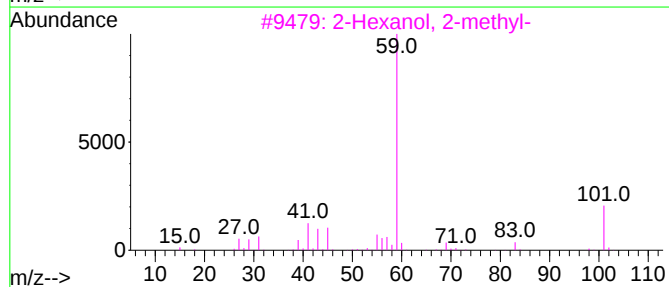
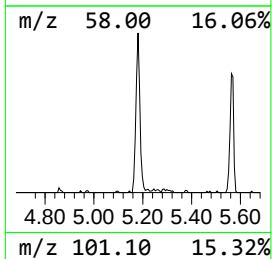
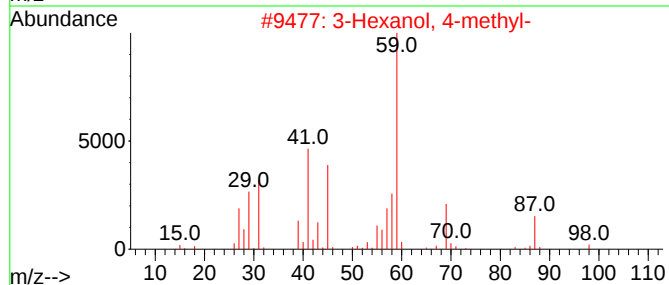
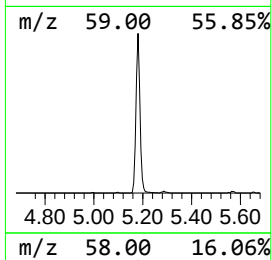
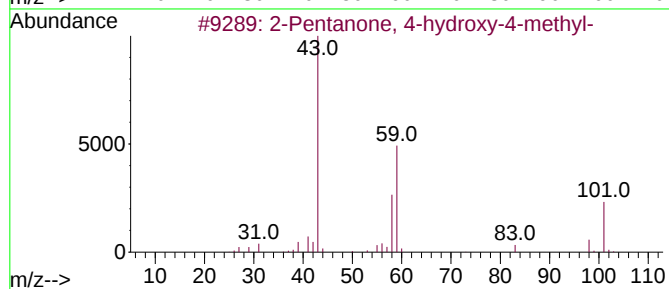
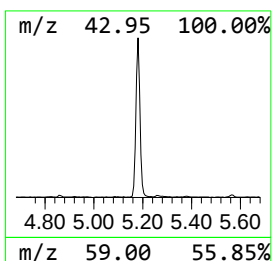
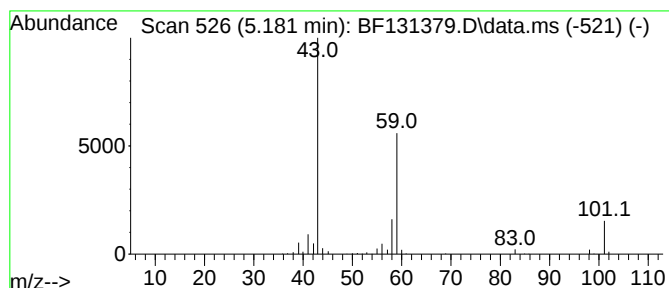
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	9.35 ng	319028	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	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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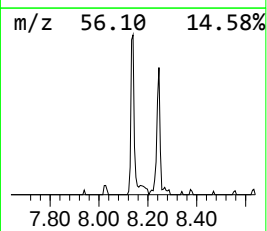
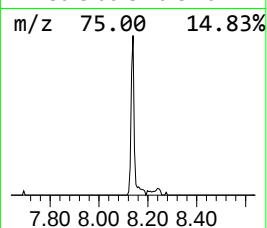
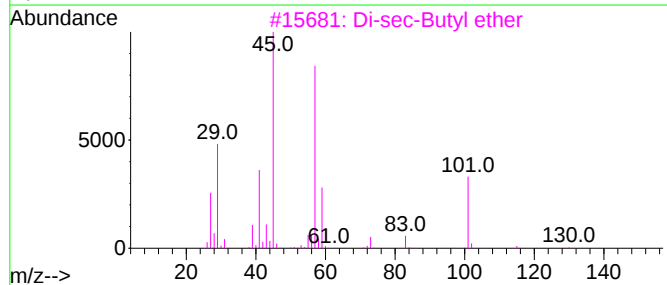
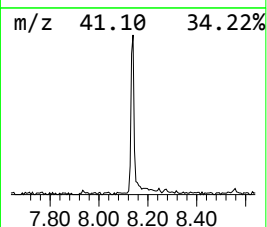
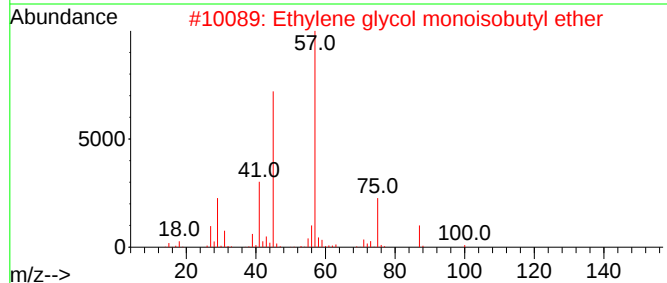
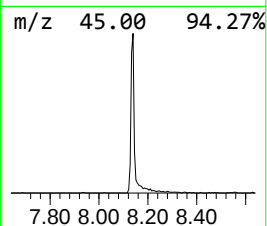
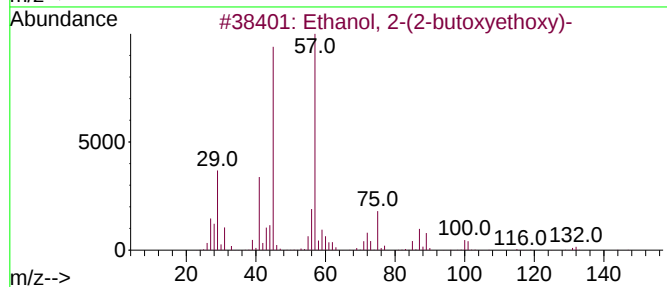
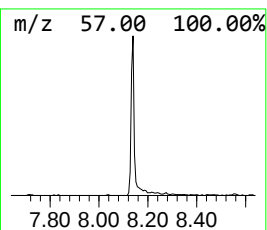
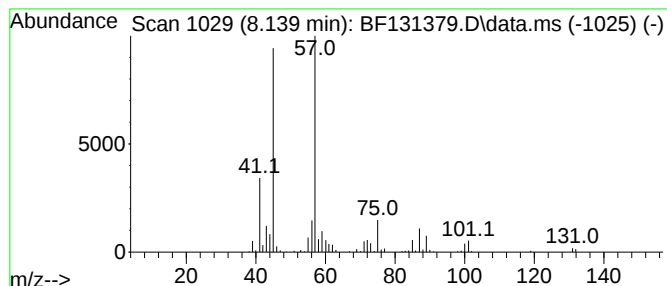
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.139	5.41 ng	218529	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			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4			Butyl lactate	146	C7H14O3	000138-22-7	50
5			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50



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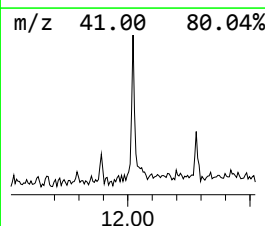
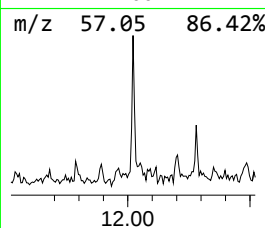
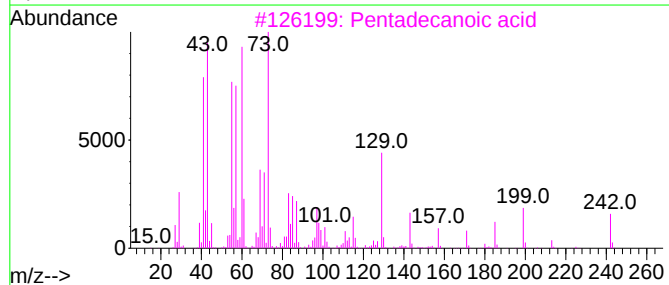
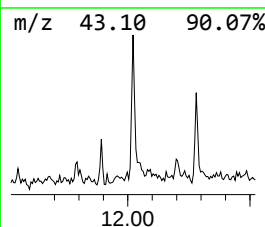
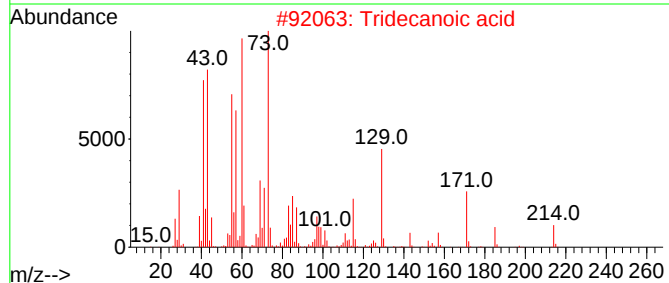
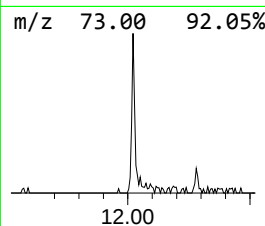
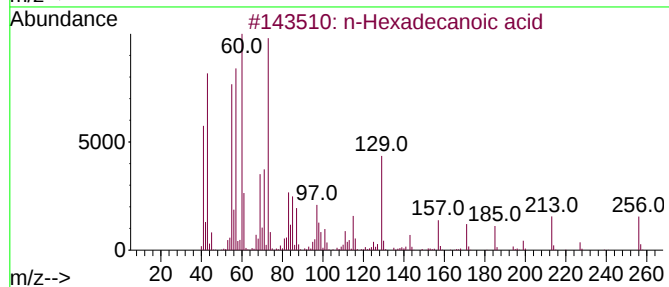
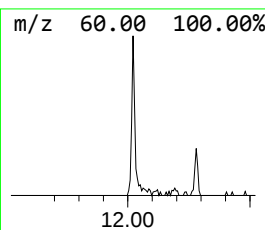
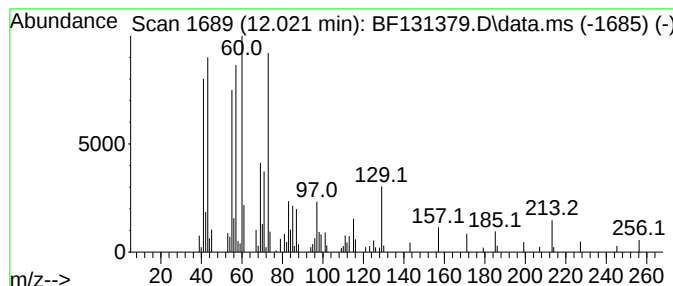
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	2.22 ng	76097	Phenanthrene-d10	11.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Undecanoic acid	186	C11H22O2	000112-37-8	76



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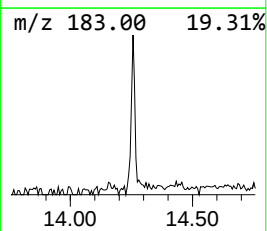
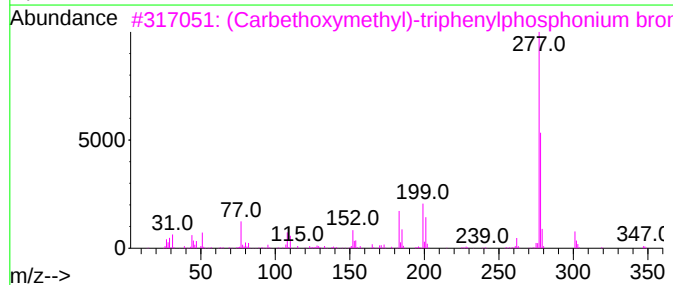
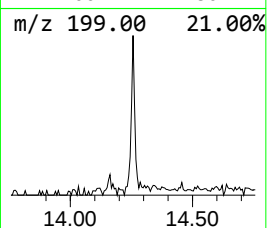
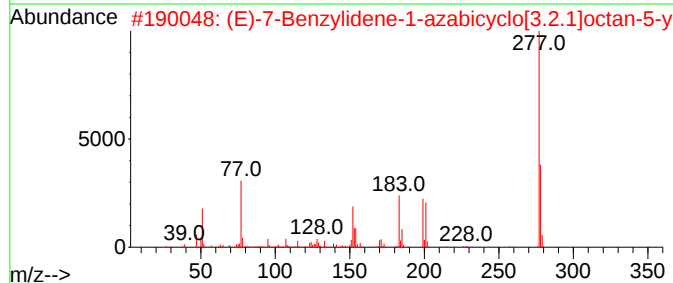
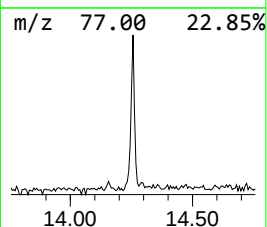
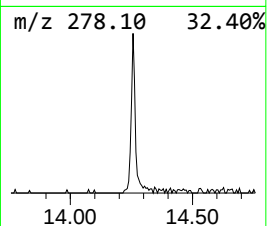
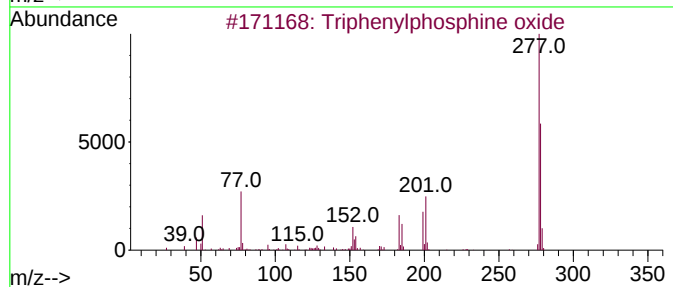
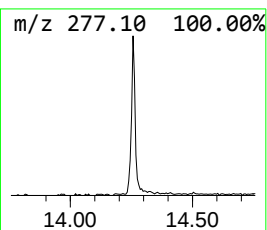
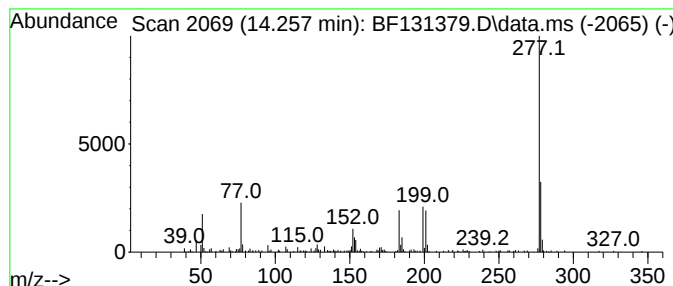
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Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	3.71 ng	116803	Chrysene-d12	14.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	62
3			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	53
4			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
5			Dimethoxymethyl-hydroxy-tripheny...	354	C21H23O3P	1000132-00-1	28



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ClientSampleId :
SOIL-PILE-13

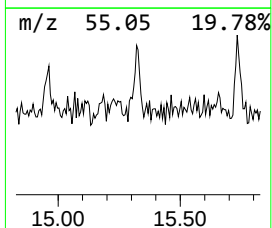
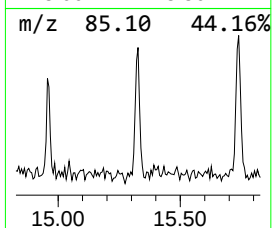
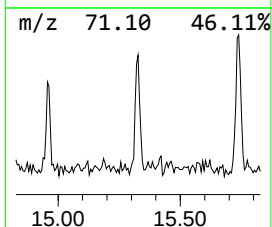
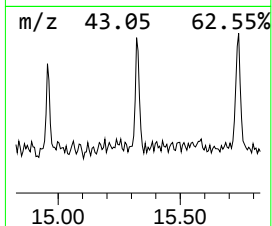
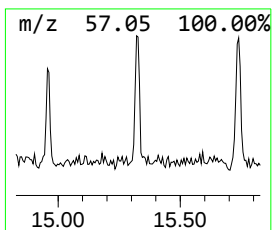
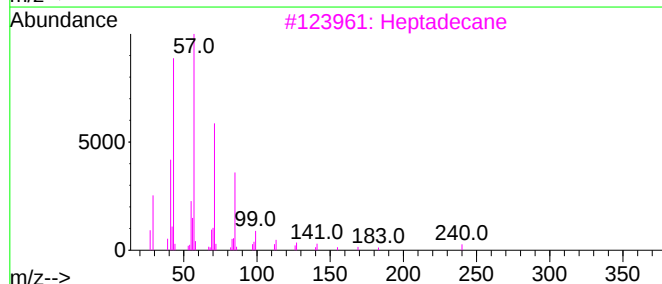
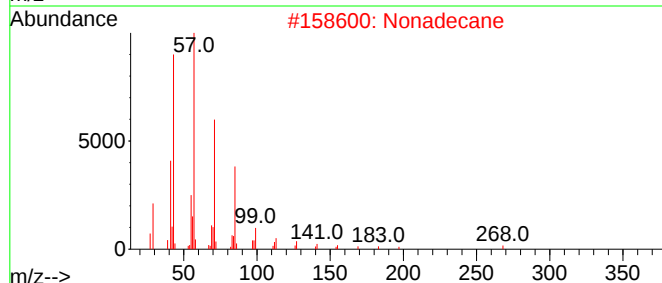
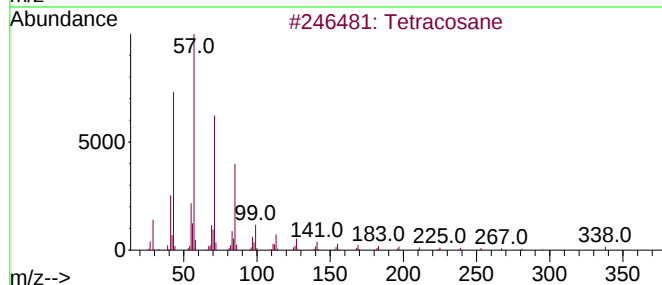
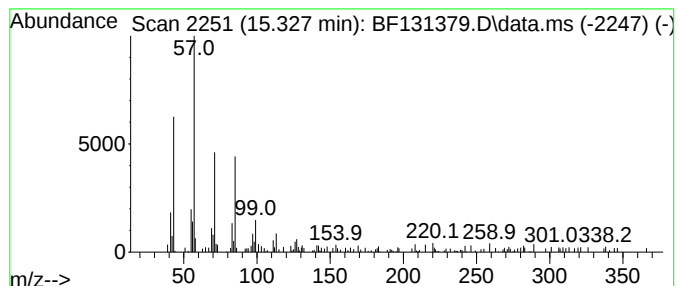
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	3.12 ng	71533	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Nonadecane	268	C19H40	000629-92-5	96
3			Heptadecane	240	C17H36	000629-78-7	94
4			Eicosane	282	C20H42	000112-95-8	89
5			Octacosane	394	C28H58	000630-02-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131379.D
Acq On : 24 Nov 2022 00:52
Operator : CG\JU
Sample : N5641-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

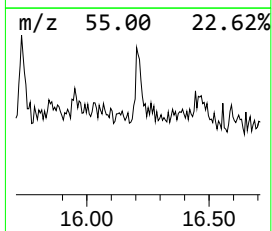
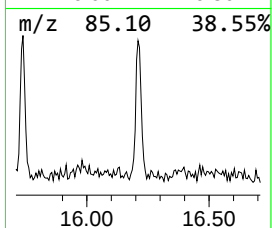
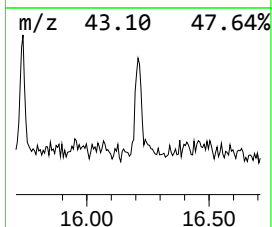
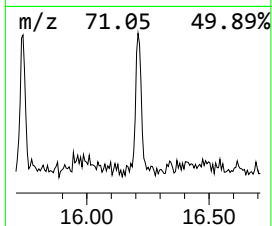
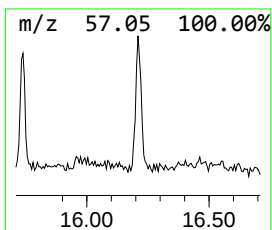
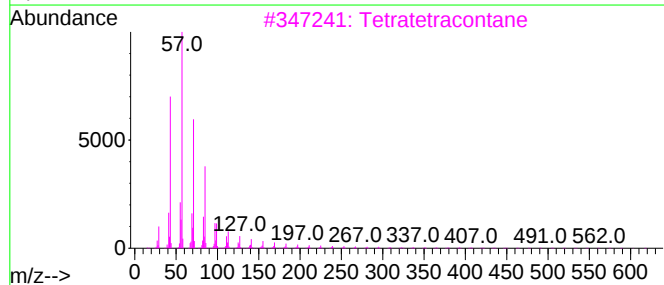
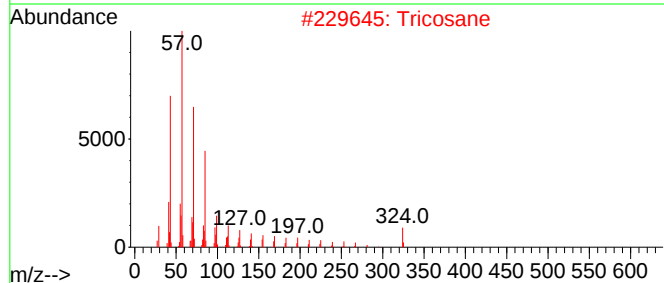
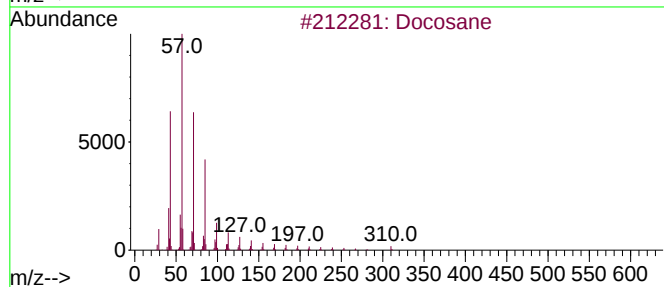
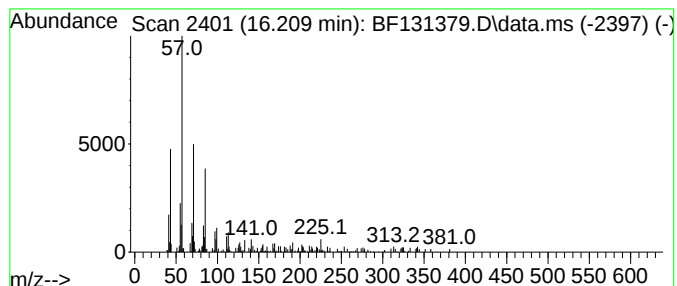
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.209	3.62 ng	82809	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	95
2			Tricosane	324	C23H48	000638-67-5	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131379.D
Acq On : 24 Nov 2022 00:52
Operator : CG\JU
Sample : N5641-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

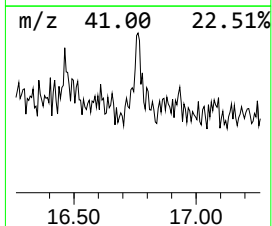
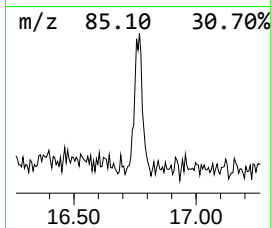
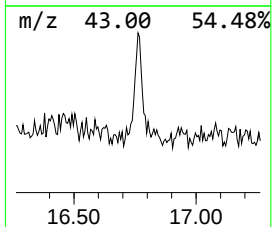
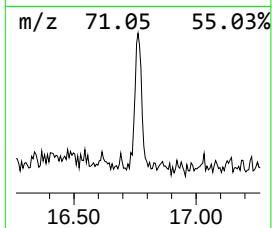
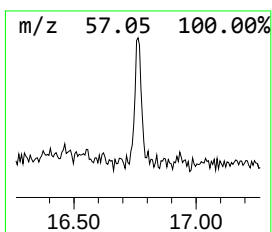
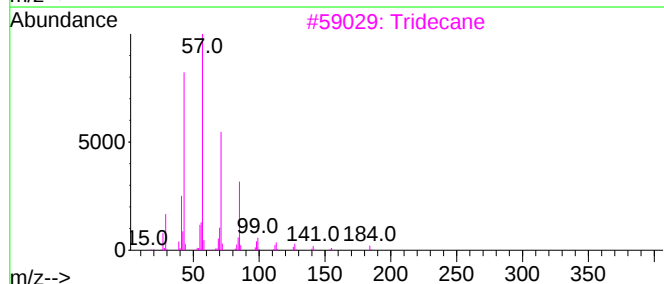
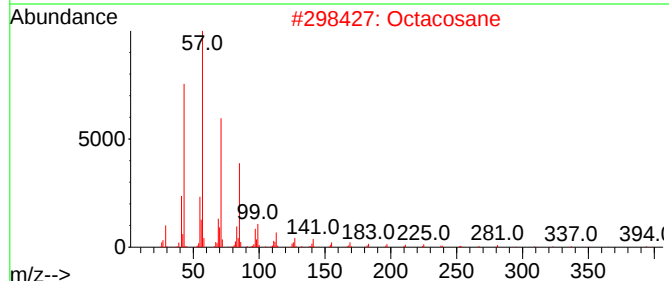
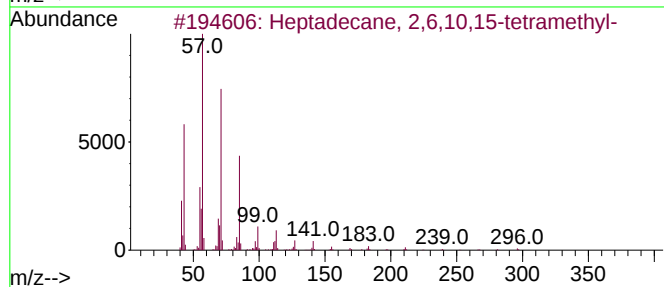
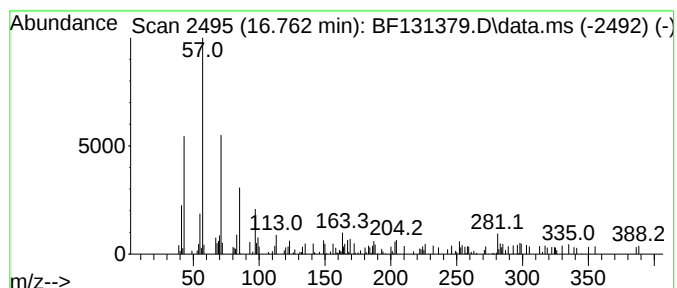
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.762 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.762	3.70 ng	84730	Perylene-d12	15.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	45
2			Octacosane	394	C28H58	000630-02-4	43
3			Tridecane	184	C13H28	000629-50-5	43
4			Hexadecane	226	C16H34	000544-76-3	43
5			Hentriacontane	437	C31H64	000630-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131379.D
Acq On : 24 Nov 2022 00:52
Operator : CG\JU
Sample : N5641-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-13

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...	2.287	30.7	ng	1047310	1	6.957	682750	20.0
2-Pentanone, 4-...	5.181	9.3	ng	319028	1	6.957	682750	20.0
Ethanol, 2-(2-b...	8.139	5.4	ng	218529	2	8.245	807309	20.0
n-Hexadecanoic ...	12.021	2.2	ng	76097	4	11.504	685734	20.0
Triphenylphosph...	14.257	3.7	ng	116803	5	14.163	629777	20.0
Tetracosane	15.327	3.1	ng	71533	6	15.698	457998	20.0
Docosane	16.209	3.6	ng	82809	6	15.698	457998	20.0
unknown16.762	16.762	3.7	ng	84730	6	15.698	457998	20.0