

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133355.D
 Acq On : 11 May 2023 15:28
 Operator : CG\JU
 Sample : 02743-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-SLUDGE

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133355.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.898	474	478	488	rBV	80488	107747	3.49%	0.421%
2	5.328	547	551	562	rBV	2817412	2764435	89.54%	10.800%
3	6.357	722	726	743	rBV	2806053	2814912	91.17%	10.997%
4	6.716	784	787	791	rBV	1264653	1014198	32.85%	3.962%
5	7.281	879	883	886	rBV	2189760	1741335	56.40%	6.803%
6	8.004	1002	1006	1009	rBV	1608149	1363403	44.16%	5.326%
7	8.598	1104	1107	1110	rBV	50509	36461	1.18%	0.142%
8	9.075	1185	1188	1192	rBV	3530756	3087503	100.00%	12.062%
9	9.751	1300	1303	1307	rBV	1864071	1505269	48.75%	5.881%
10	10.463	1419	1424	1428	rBV	202229	165210	5.35%	0.645%
11	10.539	1433	1437	1445	rBV	2147771	1861019	60.28%	7.270%
12	11.233	1551	1555	1559	rBV	1822284	1534970	49.72%	5.997%
13	11.304	1564	1567	1570	rVB	51694	42035	1.36%	0.164%
14	11.769	1642	1646	1660	rBV2	385452	583094	18.89%	2.278%
15	11.910	1667	1670	1674	rVV2	69656	79505	2.58%	0.311%
16	11.951	1674	1677	1687	rVB6	49885	108687	3.52%	0.425%
17	12.557	1775	1780	1789	rBV	151886	230211	7.46%	0.899%
18	12.821	1821	1825	1828	rBV	3255006	2796668	90.58%	10.926%
19	13.057	1862	1865	1868	rBV	34683	37694	1.22%	0.147%
20	13.127	1868	1877	1890	rVB2	125214	438934	14.22%	1.715%
21	13.398	1921	1923	1926	rVB	37209	35447	1.15%	0.138%
22	13.733	1976	1980	1996	rBV5	86885	232172	7.52%	0.907%
23	13.868	1999	2003	2009	rVV	1175601	1042864	33.78%	4.074%
24	14.045	2030	2033	2037	rVB	64651	66268	2.15%	0.259%
25	14.180	2049	2056	2065	rBV2	124758	335664	10.87%	1.311%
26	14.351	2082	2085	2088	rBV	65532	59358	1.92%	0.232%
27	14.910	2176	2180	2186	rVV2	88505	168163	5.45%	0.657%
28	14.968	2187	2190	2196	rVB	65793	82603	2.68%	0.323%
29	15.286	2237	2244	2249	rBV	1007325	1261790	40.87%	4.929%

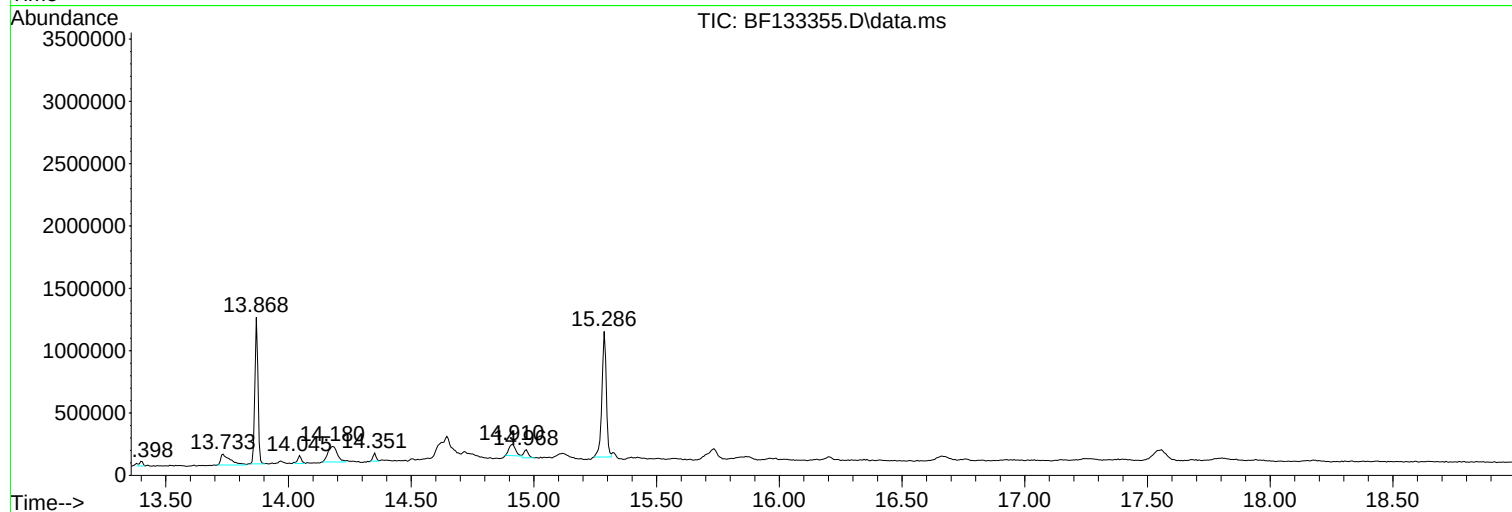
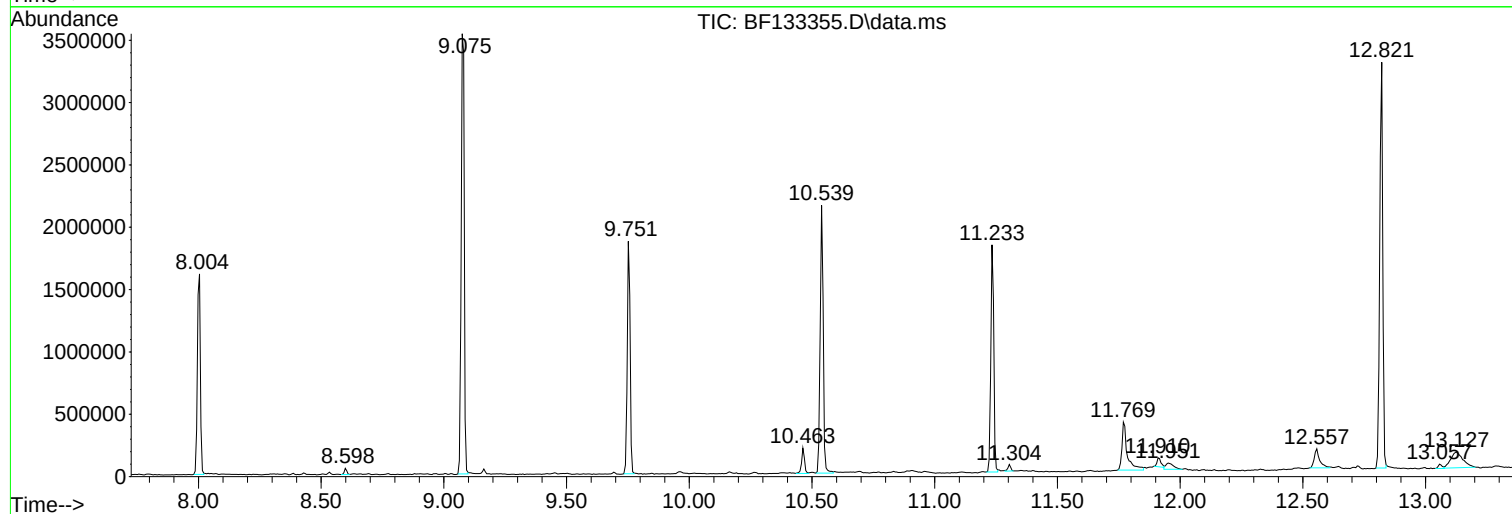
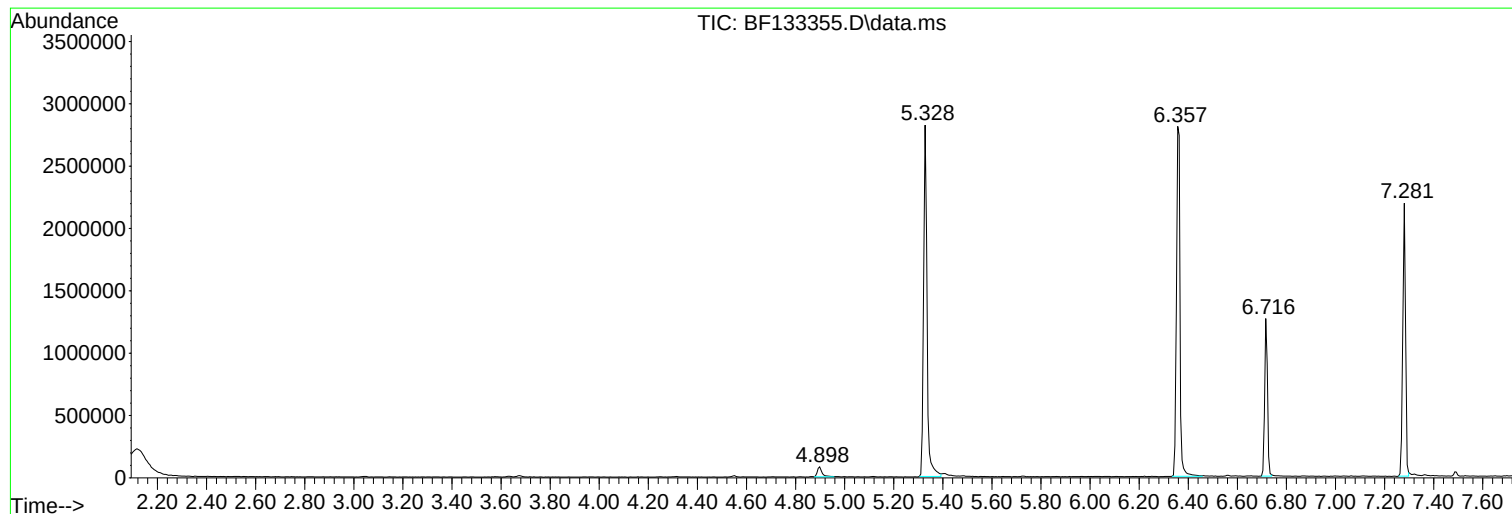
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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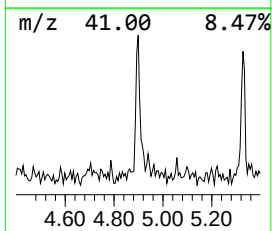
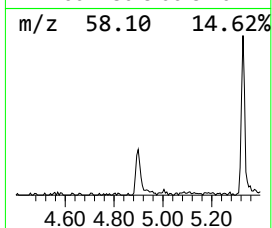
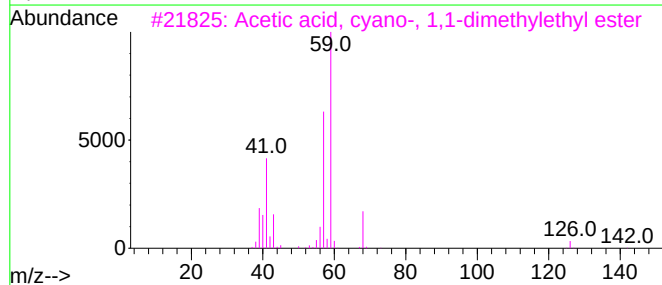
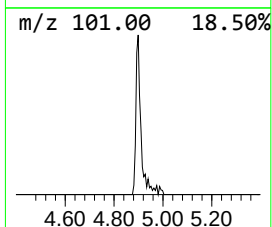
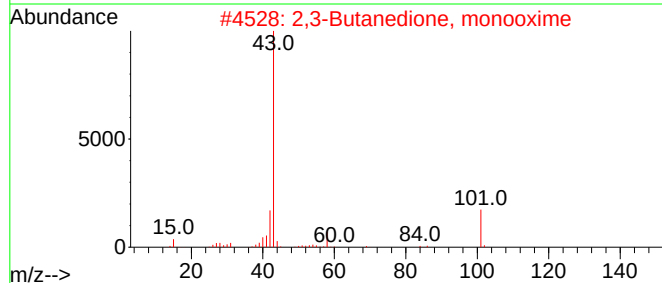
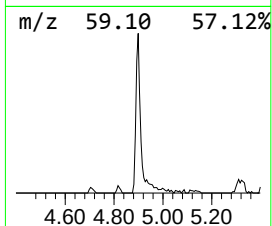
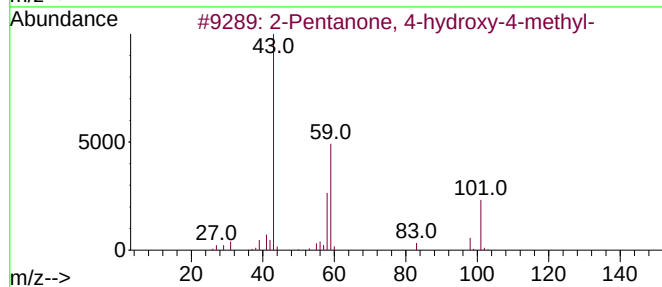
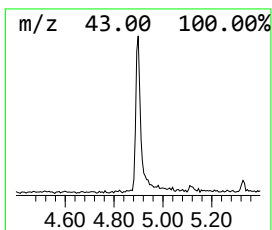
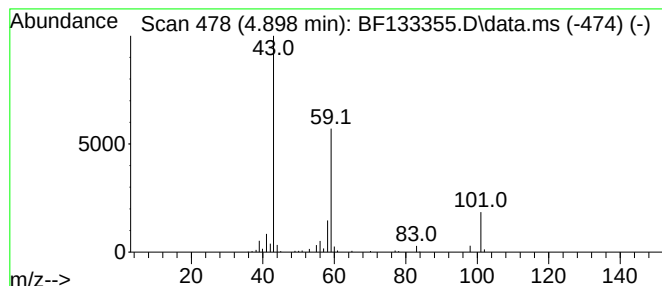
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.898	2.12 ng	107747	1,4-Dichlorobenzene-d4	6.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	Butane	58	C4H10	000106-97-8	9		



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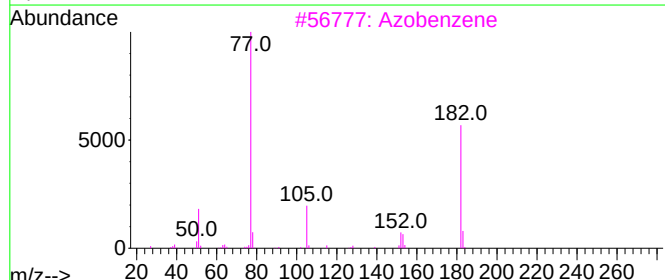
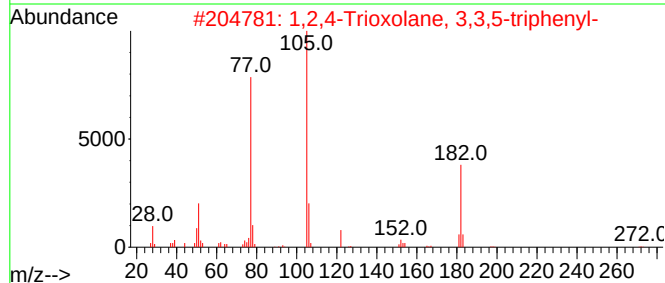
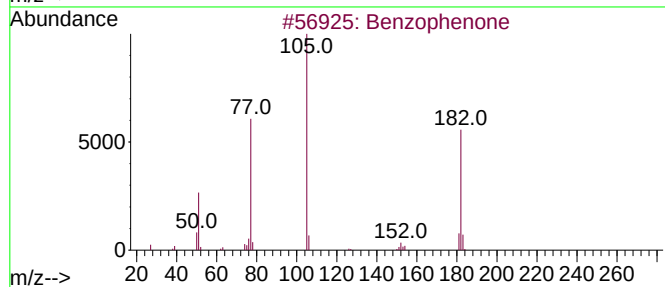
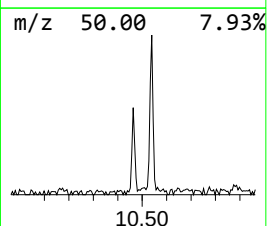
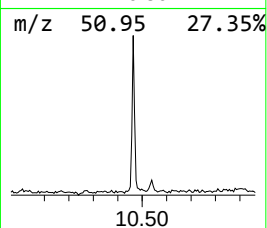
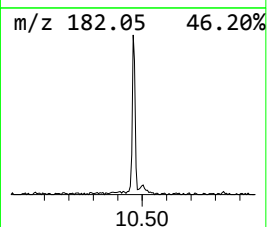
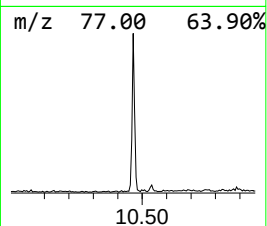
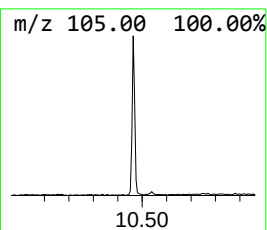
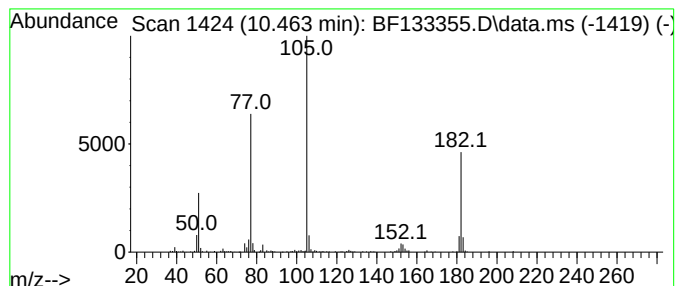
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	2.20 ng	165210	Acenaphthene-d10	9.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3			Azobenzene	182	C12H10N2	000103-33-3	64
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
5			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47



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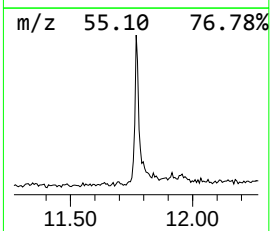
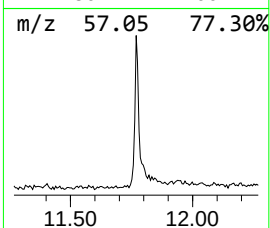
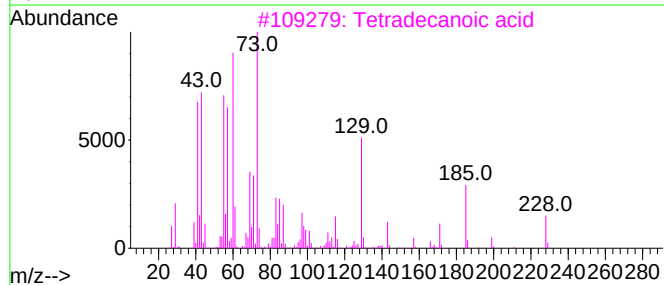
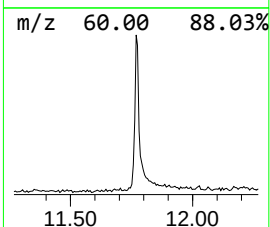
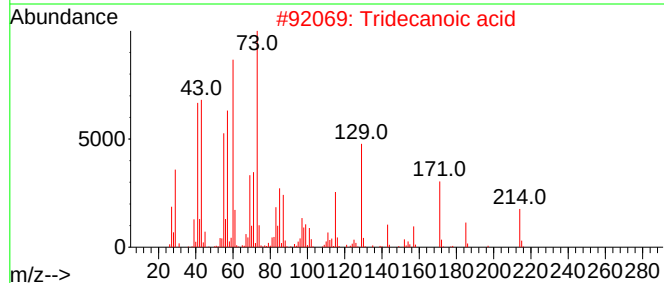
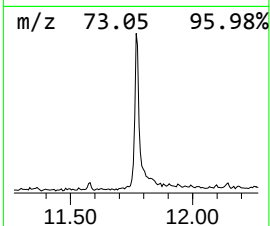
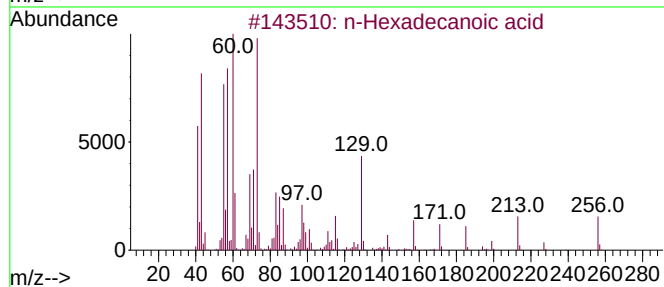
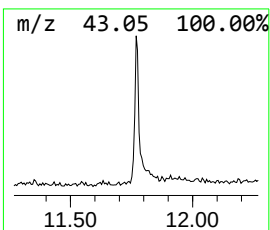
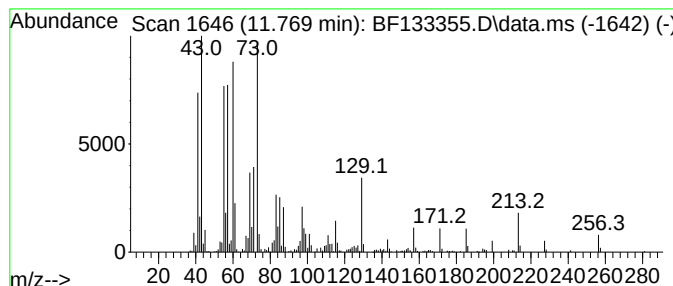
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	7.60 ng	583094	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64



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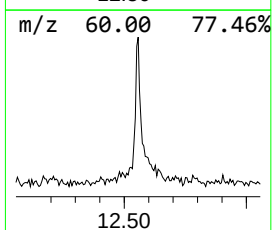
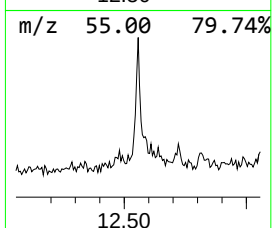
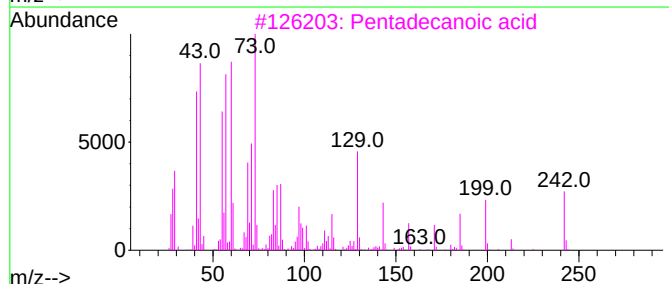
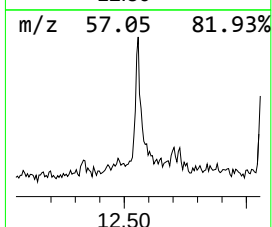
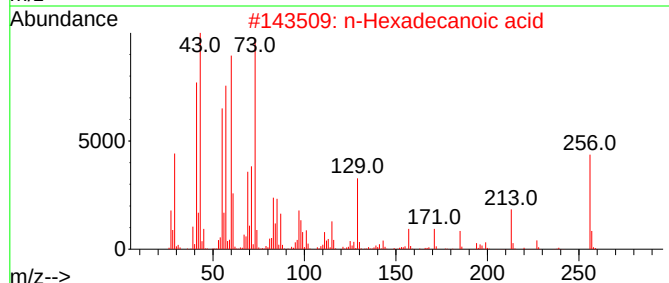
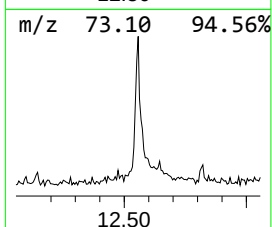
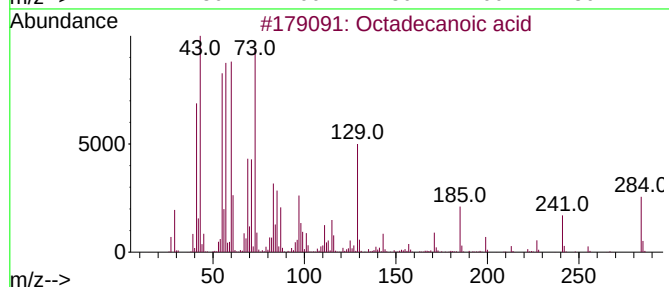
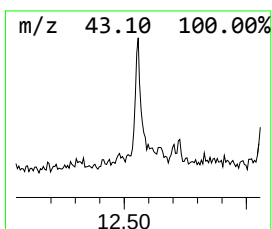
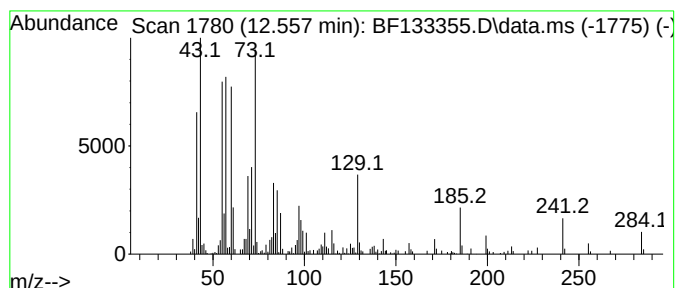
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.557	4.41 ng	230211	Chrysene-d12	13.868	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



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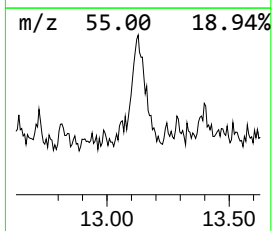
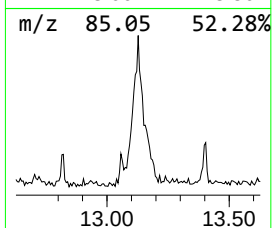
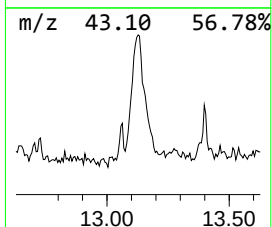
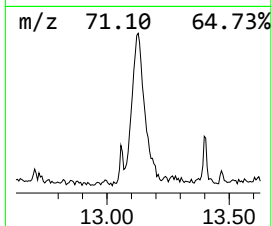
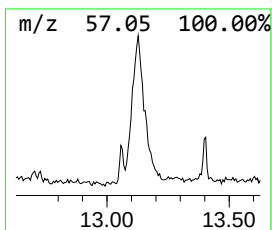
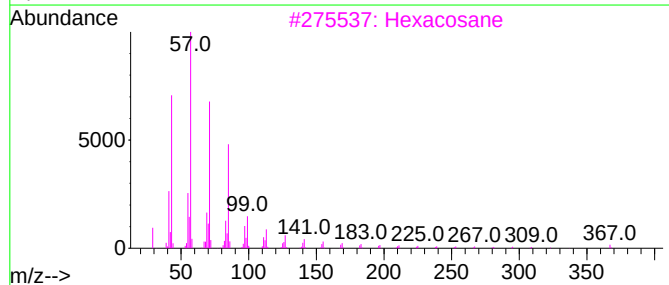
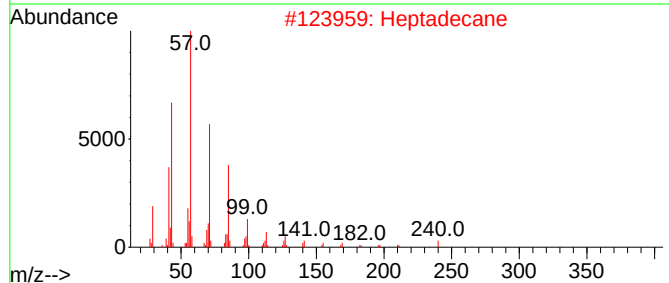
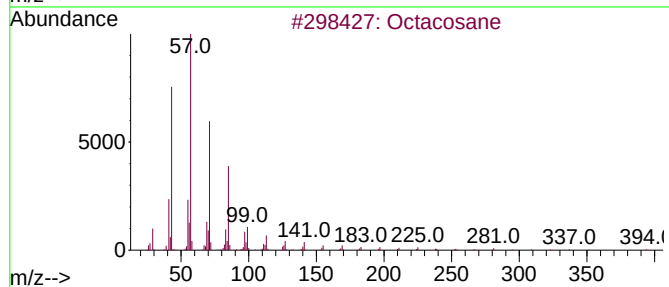
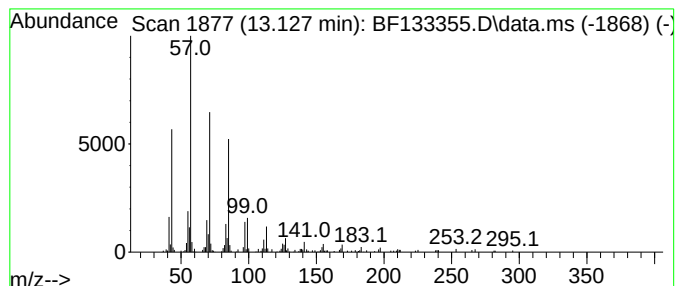
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Peak Number 5 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	8.42 ng	438934	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5			Heneicosane	296	C21H44	000629-94-7	87



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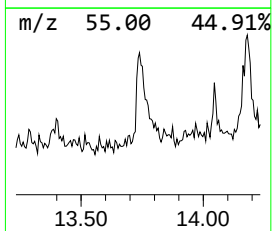
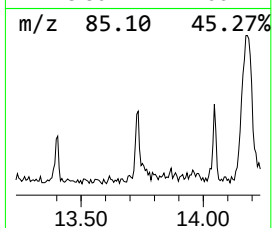
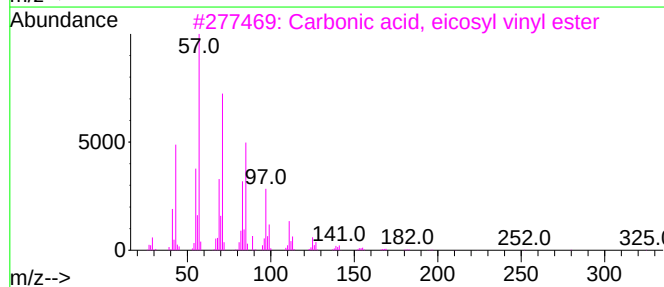
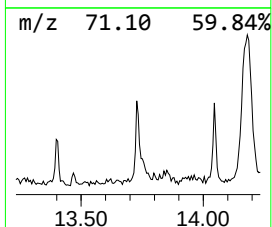
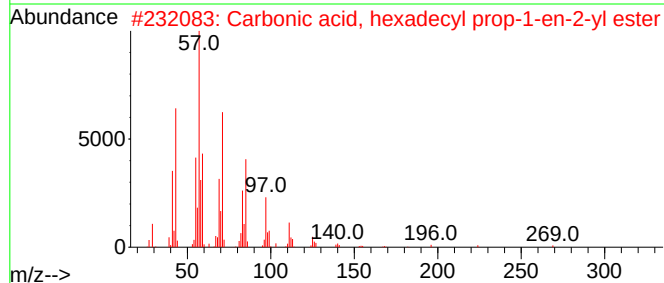
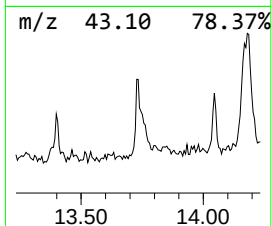
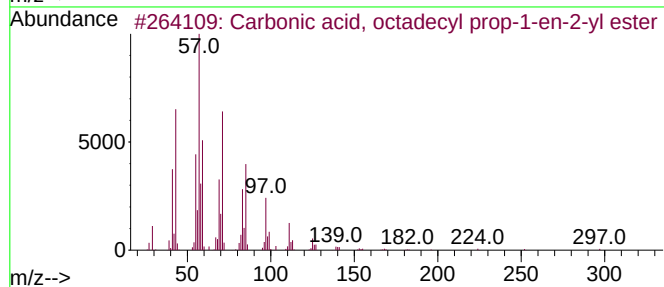
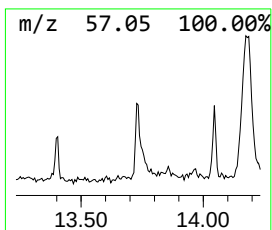
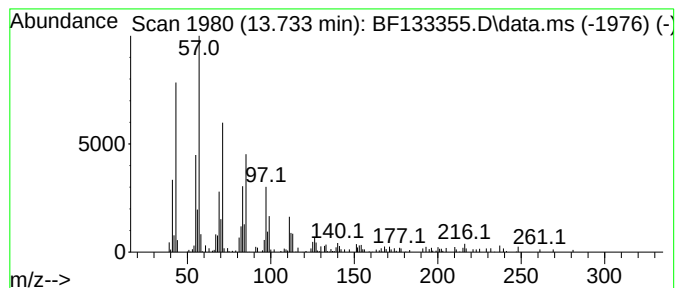
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, octadecyl pr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	4.45 ng	232172	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4			Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	87
5			Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
Data File : BF133355.D
Acq On : 11 May 2023 15:28
Operator : CG\JU
Sample : 02743-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

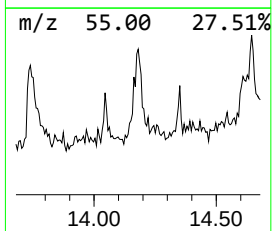
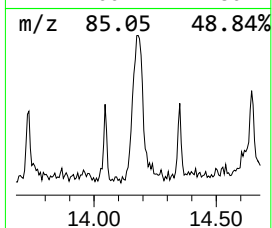
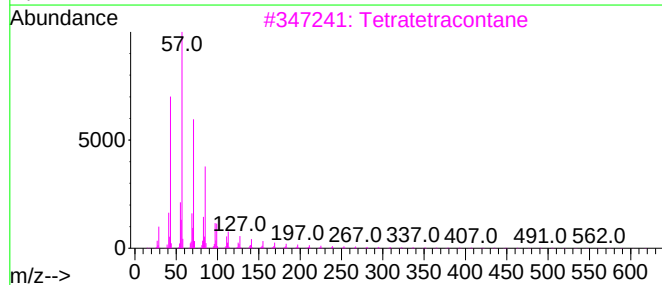
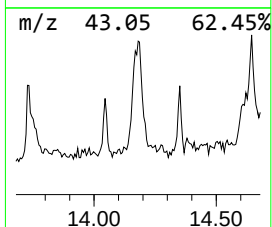
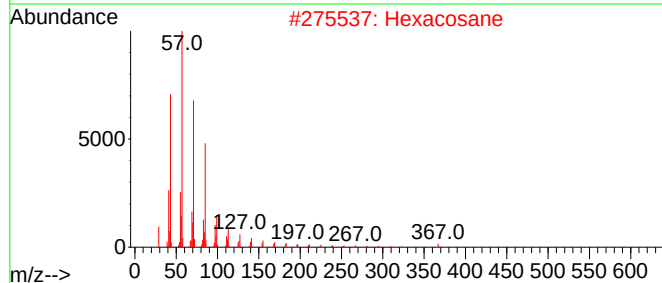
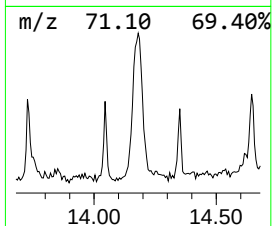
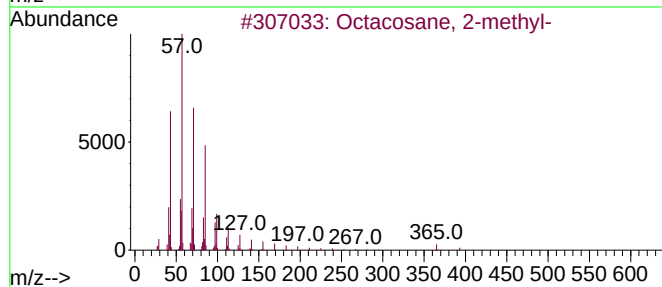
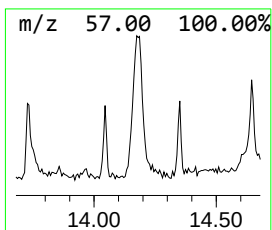
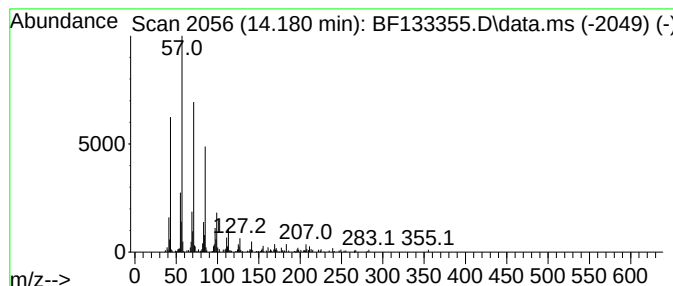
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	6.44 ng	335664	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
Data File : BF133355.D
Acq On : 11 May 2023 15:28
Operator : CG\JU
Sample : 02743-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

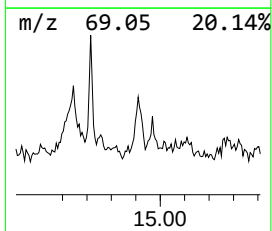
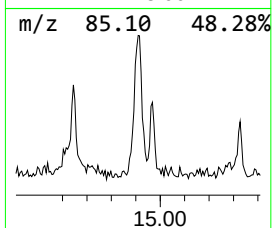
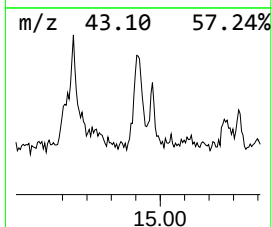
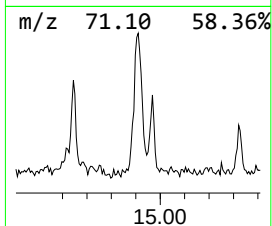
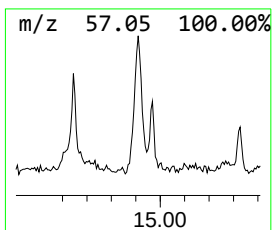
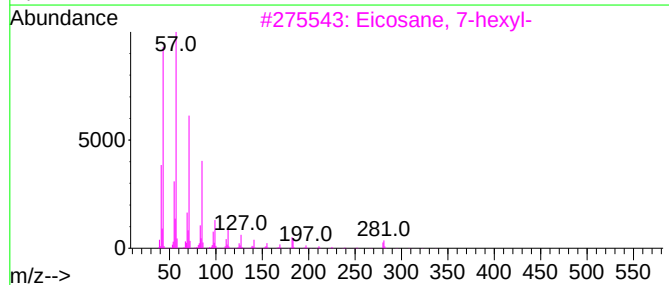
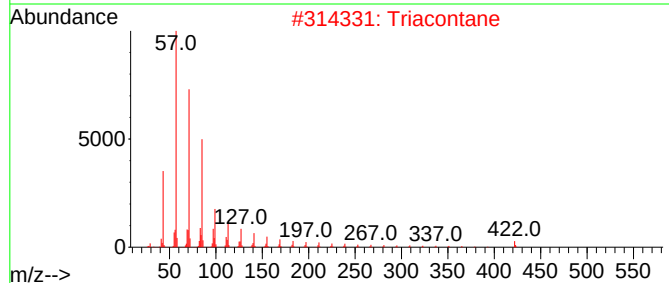
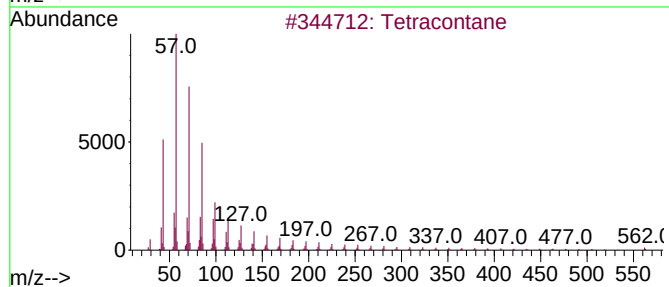
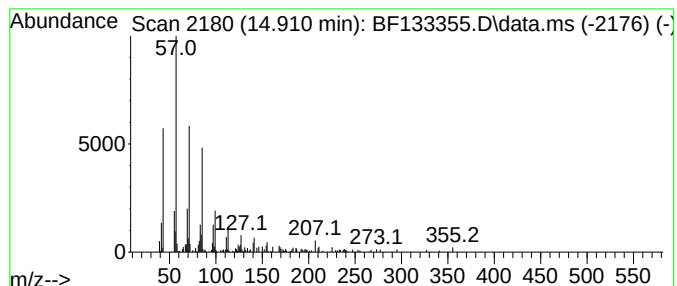
Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.910	2.67 ng	168163	Perylene-d12	15.286	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane	563	C40H82	004181-95-7	90
2	Triacontane	422	C30H62	000638-68-6	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
Data File : BF133355.D
Acq On : 11 May 2023 15:28
Operator : CG\JU
Sample : 02743-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-A-SLUDGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.898	2.1	ng	107747	1	6.716	1014200	20.0
Benzophenone	10.463	2.2	ng	165210	3	9.751	1505270	20.0
n-Hexadecanoic ...	11.769	7.6	ng	583094	4	11.233	1534970	20.0
Octadecanoic acid	12.557	4.4	ng	230211	5	13.868	1042860	20.0
Octacosane	13.127	8.4	ng	438934	5	13.868	1042860	20.0
Carbonic acid, ...	13.733	4.5	ng	232172	5	13.868	1042860	20.0
Octacosane, 2-m...	14.180	6.4	ng	335664	5	13.868	1042860	20.0
Tetracontane	14.910	2.7	ng	168163	6	15.286	1261790	20.0