LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119755.D
Acq On : 4 Apr 2020 9:51
Operator : MA/SJ
Sample : L2102-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-46-MEDIAN

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	10	14	25	rVB2	103200	155022	2.25%	0.343%
2	5.028	495	500	510	rVB	261052	395430	5.75%	0.874%
3	5.428	562	568	571	rBV	5950986	6577666	95.62%	14.539%
4	6.445	734	741	744	rBV	5481358	6521073	94.80%	14.414%
5	6.804	798	802	805	rBV	872058	677493	9.85%	1.497%
6	6.963	824	829	832	rBV	5765897	5234953	76.10%	11.571%
7	7.369	892	898	901	rBV	3855306	4340008	63.09%	9.593%
8	8.086	1016	1020	1024	rBV	1016591	834788	12.14%	1.845%
9	9.169	1198	1204	1207	rBV	7207853	6878832	100.00%	15.205%
10	9.557	1267	1270	1274	rBV	667641	563557	8.19%	1.246%
11	9.845	1313	1319	1323	rBV	1009415	841881	12.24%	1.861%
12	10.633	1448	1453	1457	rBV	3454159	3461690	50.32%	7.652%
13	11.333	1568	1572	1574	rBV	824134	720582	10.48%	1.593%
14	11.863	1659	1662	1672	rBV	628774	597270	8.68%	1.320%
15	12.545	1775	1778	1780	rBV	89707	80500	1.17%	0.178%
16	12.645	1792	1795	1802	rBV	262118	344028	5.00%	0.760%
17	12.798	1819	1821	1826	rVB	85086	80454	1.17%	0.178%
18	12.927	1838	1843	1846	rBV	5039150	5168951	75.14%	11.425%
19	13.821	1992	1995	2006	rVB	614196	741756	10.78%	1.640%
20	13.968	2017	2020	2024	rBV	623105	627441	9.12%	1.387%
21	15.427	2265	2268	2271	rVB	379536	398234	5.79%	0.880%

Sum of corrected areas: 45241609

LSC Report - Integrated Chromatogram

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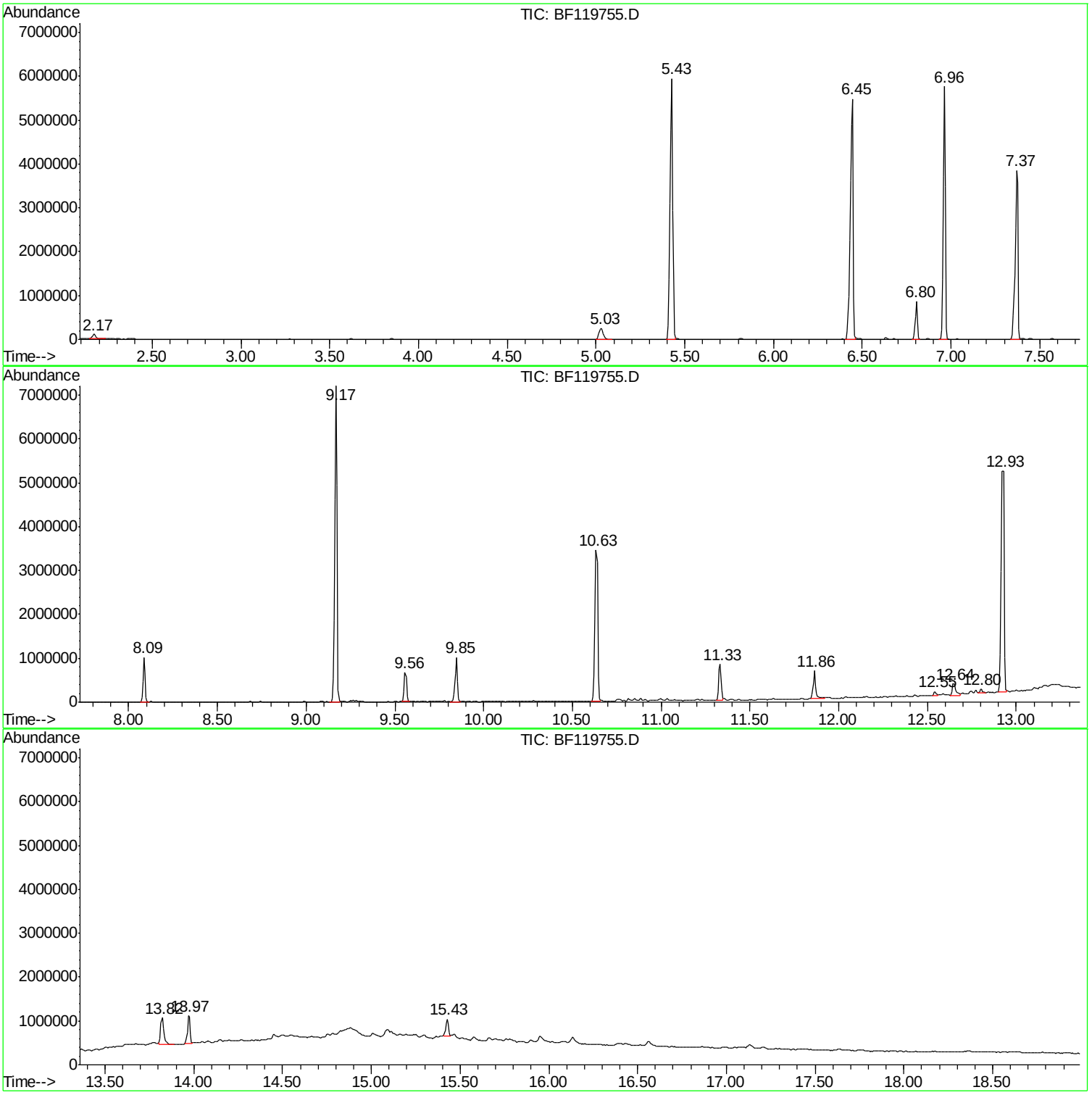
Instrument : BNA_F
ClientSampleId : RT-46-MEDIAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Operator : MA/SJ
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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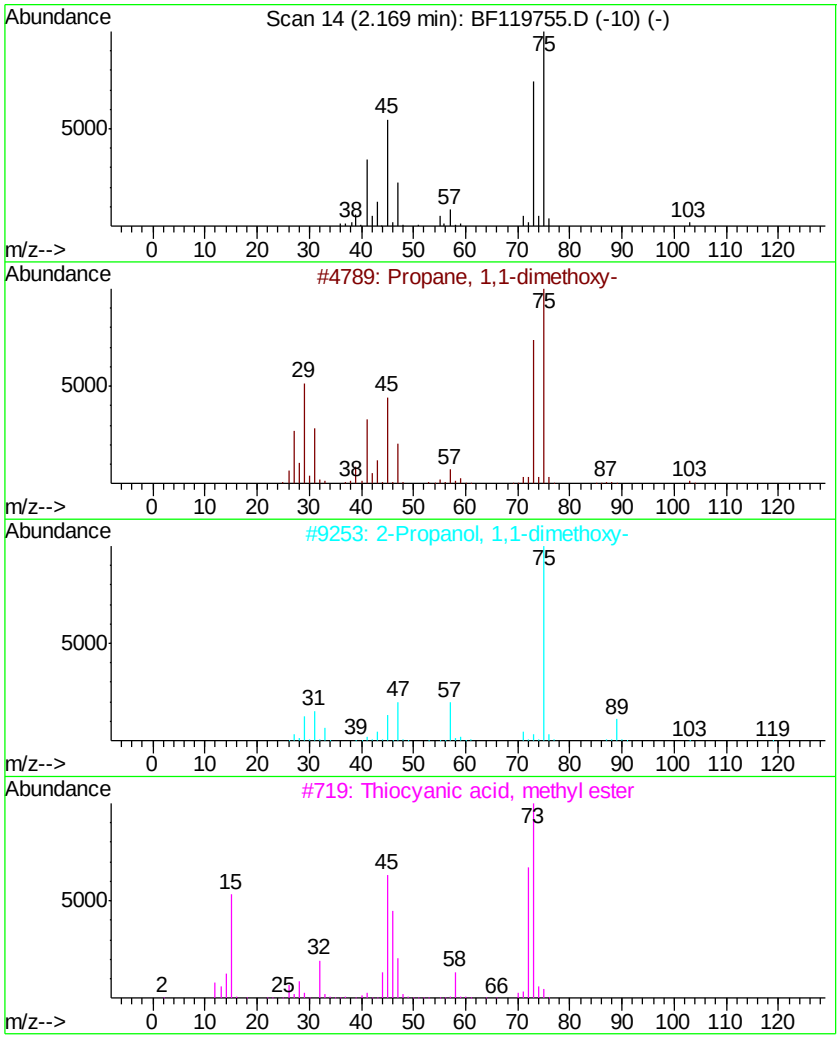
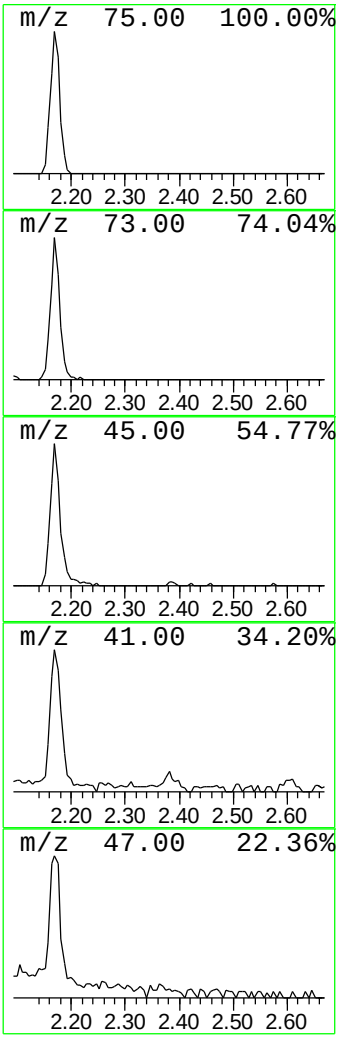
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	4.58 ng	155022	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	38
4	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	36
5	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119755.D
Acq On : 4 Apr 2020 9:51
Operator : MA/SJ
Sample : L2102-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-46-MEDIAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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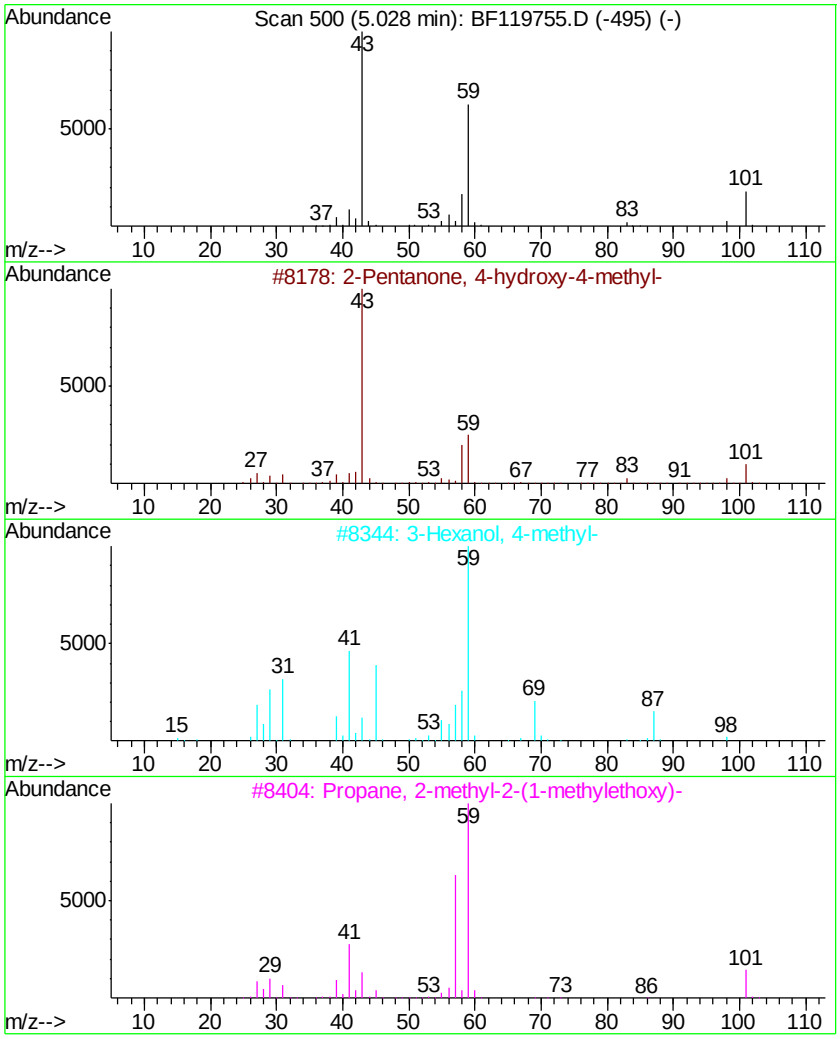
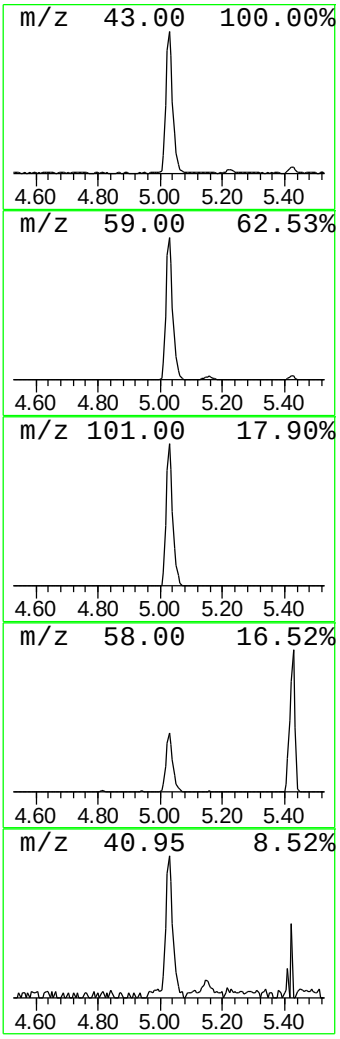
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	11.67 ng	395430	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF119755.D
Acq On : 4 Apr 2020 9:51
Operator : MA/SJ
Sample : L2102-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-46-MEDIAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

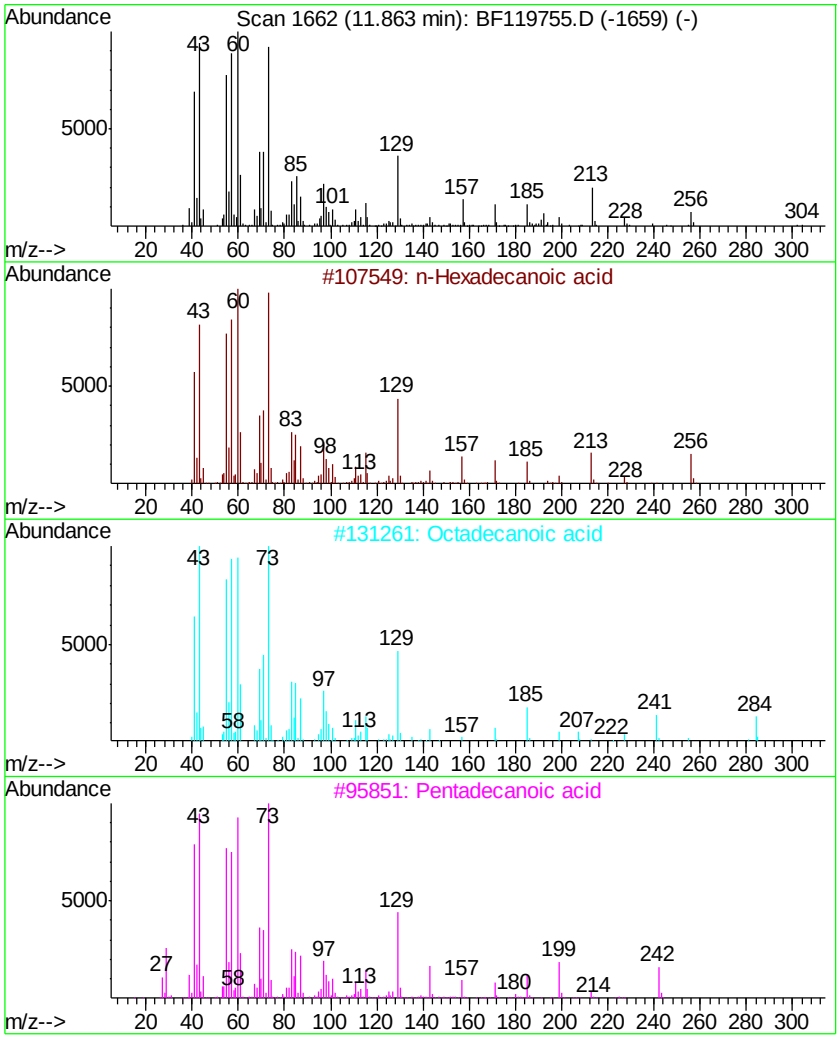
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

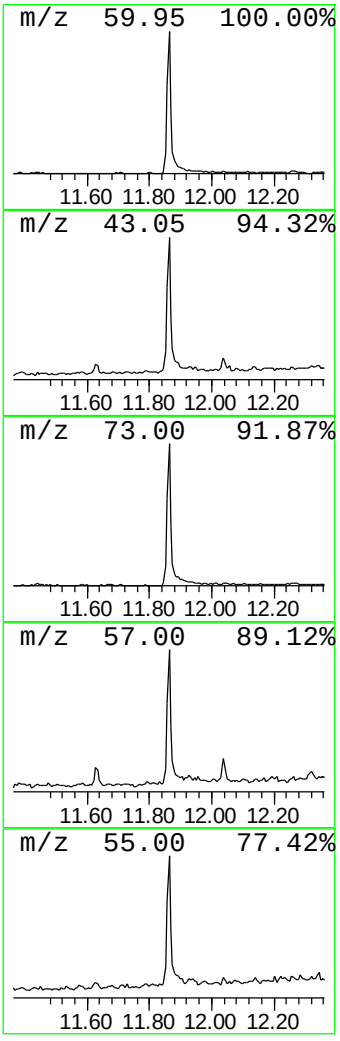
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	16.58 ng	597270	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Sample : L2102-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-46-MEDIAN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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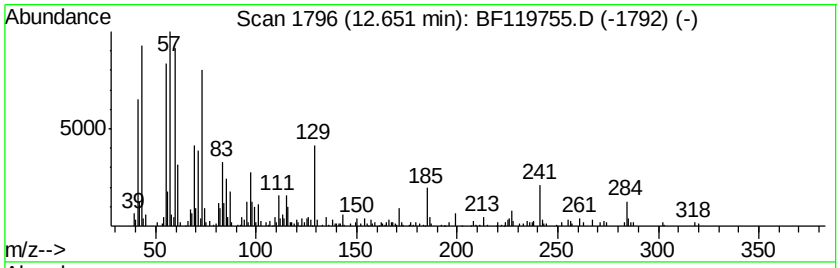
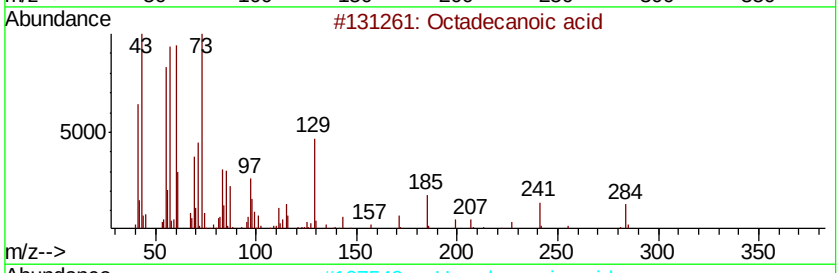
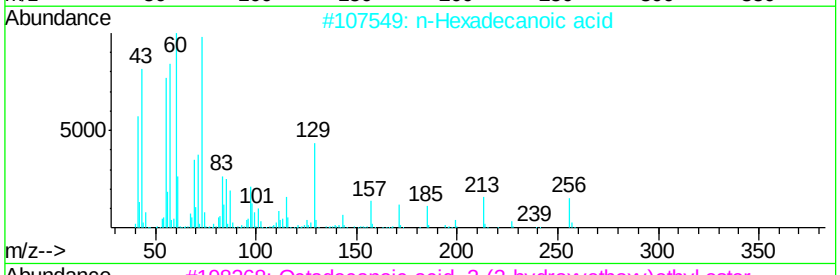
Peak Number 6 Octadecanoic acid Concentration Rank 5

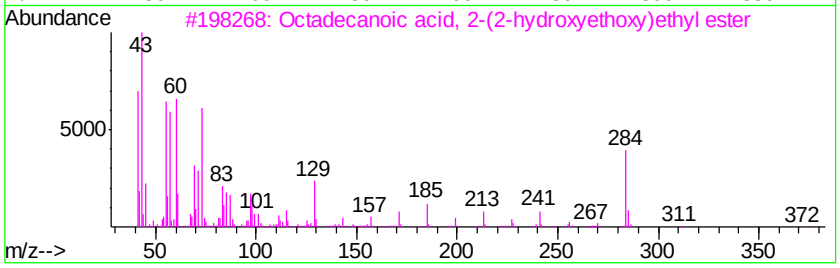
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.55 ng	344028	Phenanthrene-d10	11.33

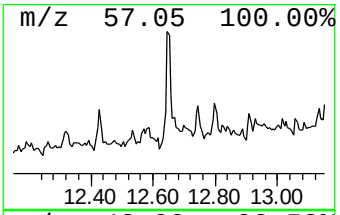
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64

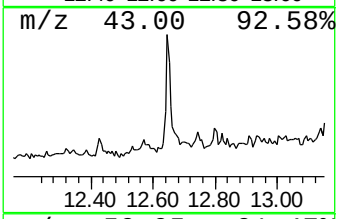


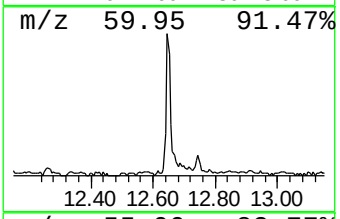


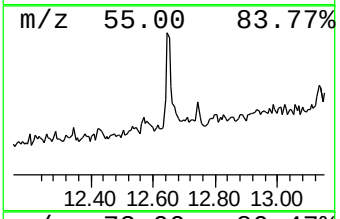


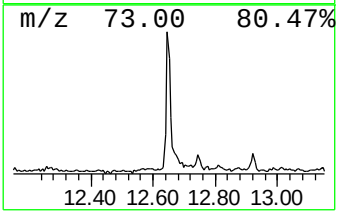












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

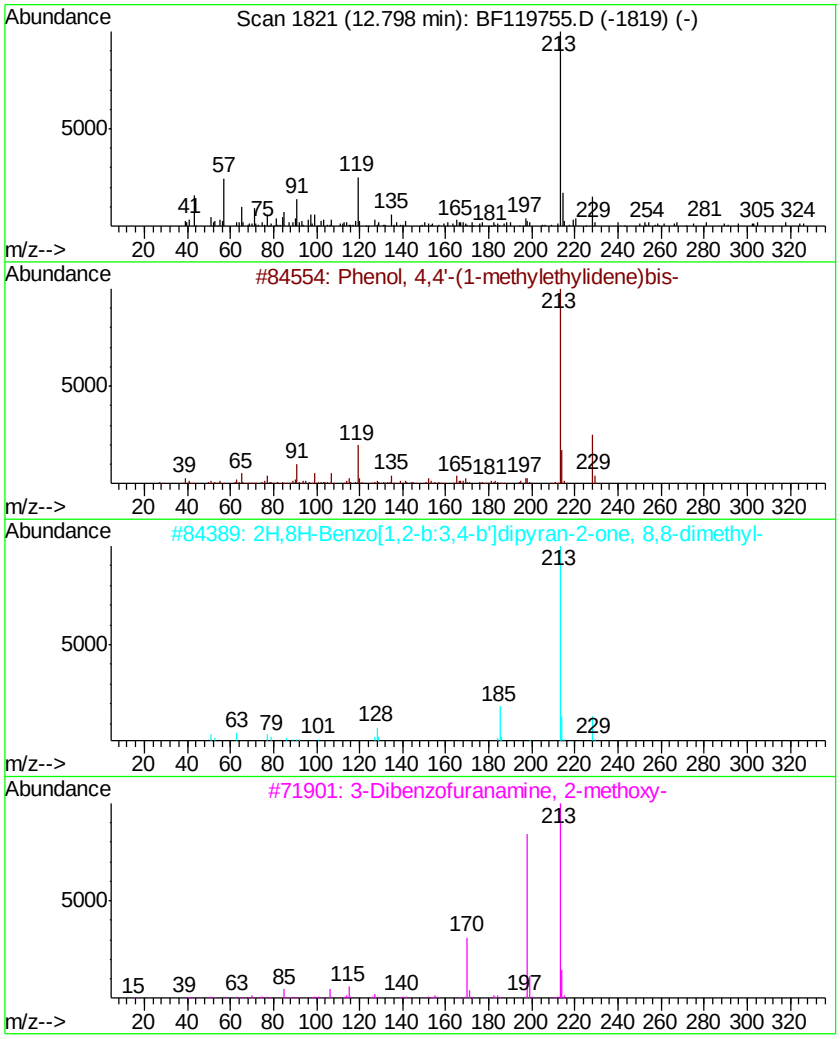
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

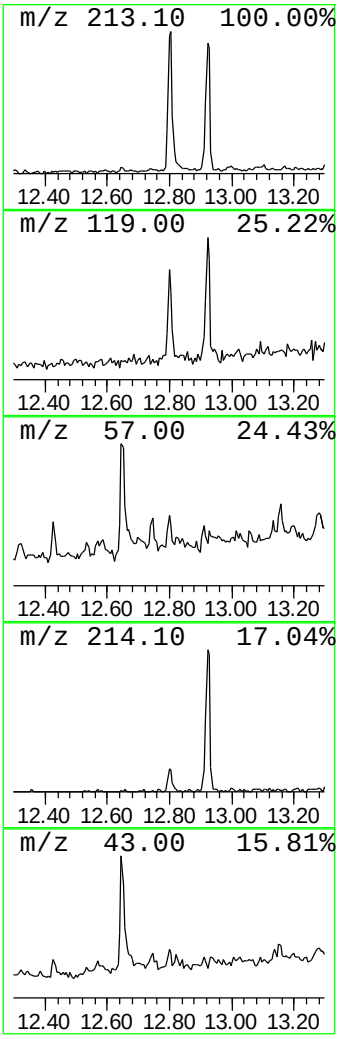
****

Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.56 ng	80454	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	62
3	3-Dibenzofuranamine, 2-methoxy-	213	C13H11NO2	005834-17-3	52
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52
5	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	50





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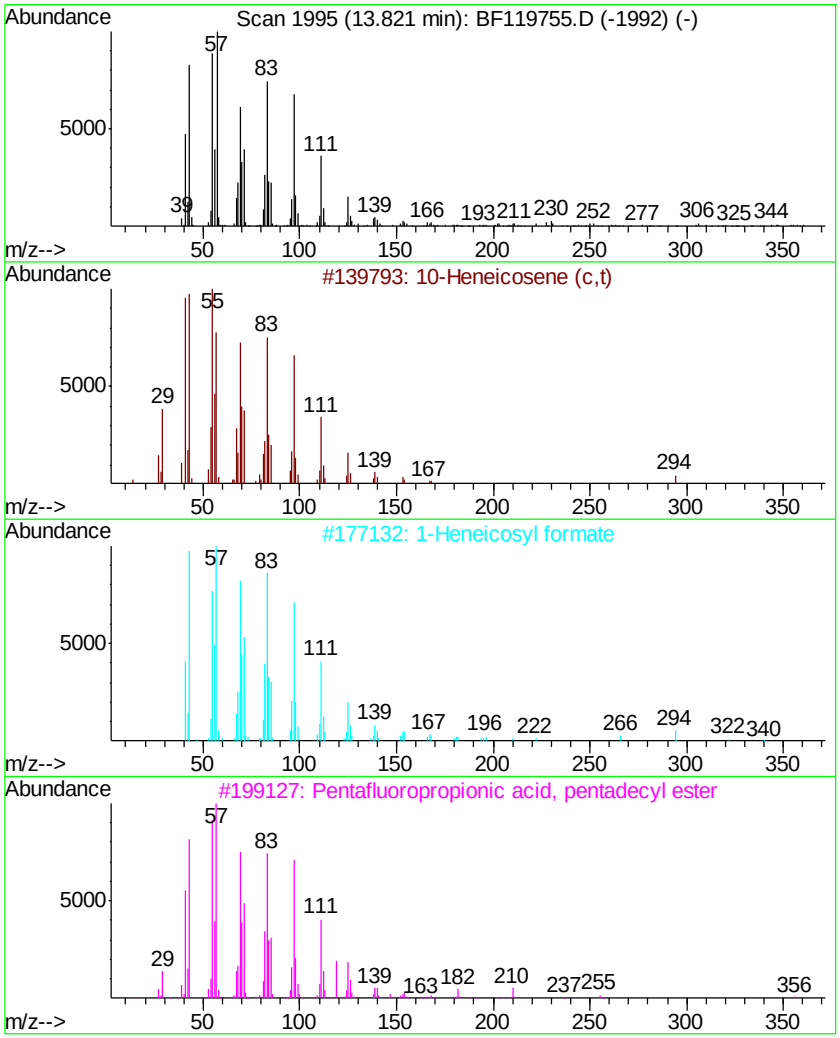
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

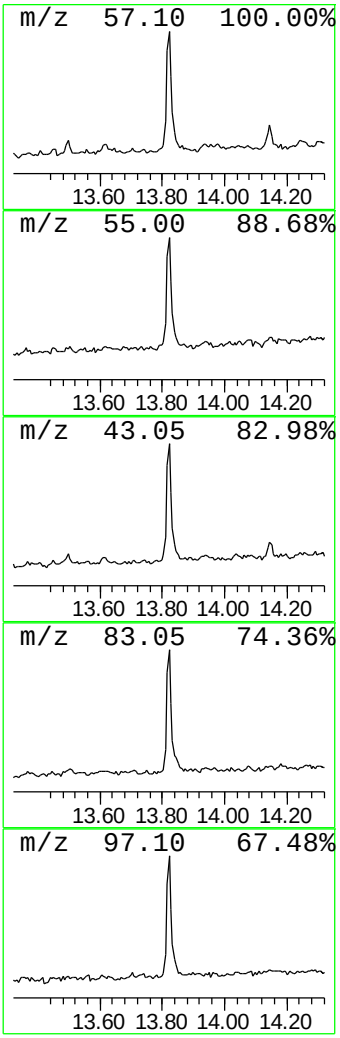
****

Peak Number 8 10-Heneicosene (c,t) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	23.64 ng	741756	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.17	4.6	ng	155022	1	6.80	677493	20.0
2-Pentanone, 4-hy...	5.03	11.7	ng	395430	1	6.80	677493	20.0
n-Hexadecanoic acid	11.86	16.6	ng	597270	4	11.33	720582	20.0
Octadecanoic acid	12.65	9.6	ng	344028	4	11.33	720582	20.0
Phenol, 4,4'-(1-m...	12.80	2.6	ng	80454	5	13.97	627441	20.0
10-Heneicosene (c,t)	13.82	23.6	ng	741756	5	13.97	627441	20.0