LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109052.D
Acq On : 17 Sep 2018 17:02
Operator : JU/SJ
Sample : J4929-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-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-BF091418.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	4.407	347	352	357	rBV	198501	220666	9.48%	0.979%
2	4.913	434	438	446	rVB	71531	92314	3.96%	0.410%
3	5.331	504	509	512	rBV	2257593	2286291	98.19%	10.144%
4	6.354	678	683	691	rBV	2509659	2319898	99.63%	10.293%
5	6.489	701	706	709	rBV	2653393	2328404	100.00%	10.331%
6	6.719	742	745	749	rBV	851578	698600	30.00%	3.100%
7	6.878	768	772	775	rBV	2244749	1793429	77.02%	7.958%
8	7.278	836	840	843	rBV	1658958	1373872	59.00%	6.096%
9	8.001	959	963	966	rBV	1032855	808057	34.70%	3.585%
10	9.078	1142	1146	1149	rBV	2933301	2292345	98.45%	10.171%
11	9.472	1209	1213	1216	rBV	193497	174348	7.49%	0.774%
12	9.613	1233	1237	1243	rVB	44058	40378	1.73%	0.179%
13	9.748	1257	1260	1264	rBV	949365	856474	36.78%	3.800%
14	10.536	1389	1394	1408	rBV	1563151	1503957	64.59%	6.673%
15	11.230	1508	1512	1514	rBV	1008475	911202	39.13%	4.043%
16	11.248	1514	1515	1518	rVB	53559	35765	1.54%	0.159%
17	11.766	1599	1603	1607	rBV2	107396	145551	6.25%	0.646%
18	11.836	1612	1615	1618	rBV	53949	59788	2.57%	0.265%
19	12.277	1687	1690	1693	rBV2	38556	37396	1.61%	0.166%
20	12.436	1714	1717	1720	rVB	82731	72144	3.10%	0.320%
21	12.660	1752	1755	1758	rBV	125064	100804	4.33%	0.447%
22	12.813	1777	1781	1784	rBV	2519322	2226162	95.61%	9.878%
23	12.877	1790	1792	1796	rBV2	40856	57424	2.47%	0.255%
24	13.730	1934	1937	1945	rBV2	141098	213668	9.18%	0.948%
25	13.854	1954	1958	1961	rBV	1068372	1009971	43.38%	4.481%
26	14.713	2101	2104	2108	rVB	254053	254087	10.91%	1.127%
27	15.265	2194	2198	2201	rVB	540474	624567	26.82%	2.771%

Sum of corrected areas: 22537562

LSC Report - Integrated Chromatogram

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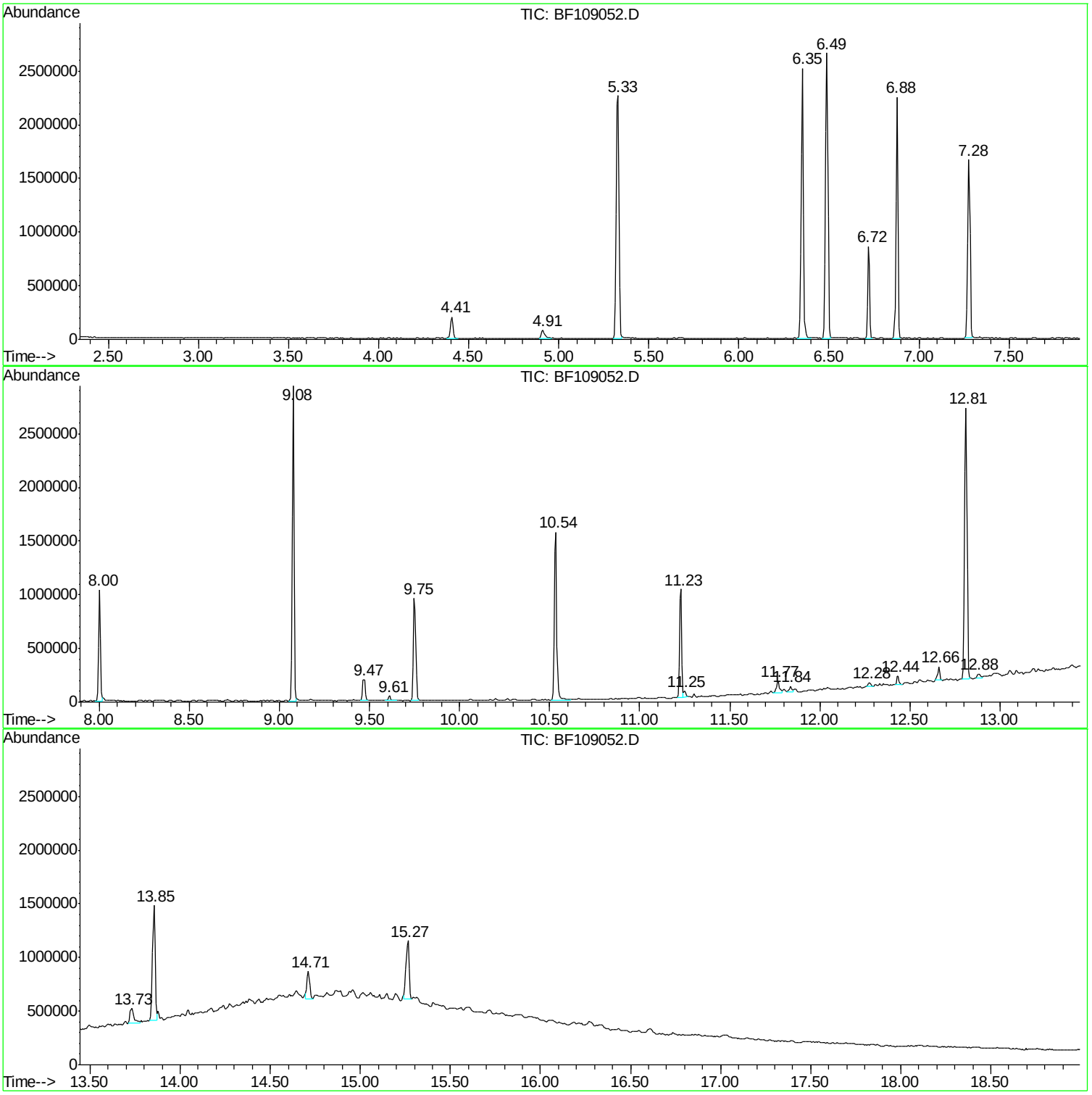
Sample : J4929-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-PIT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-PIT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

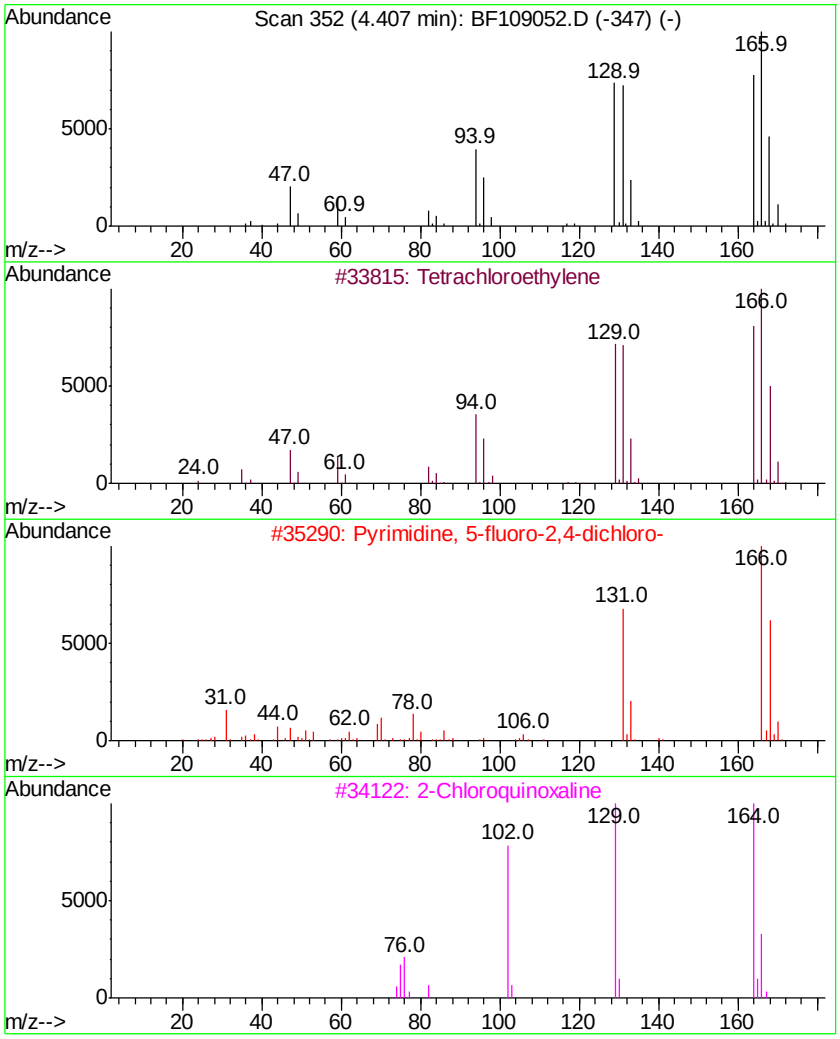
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

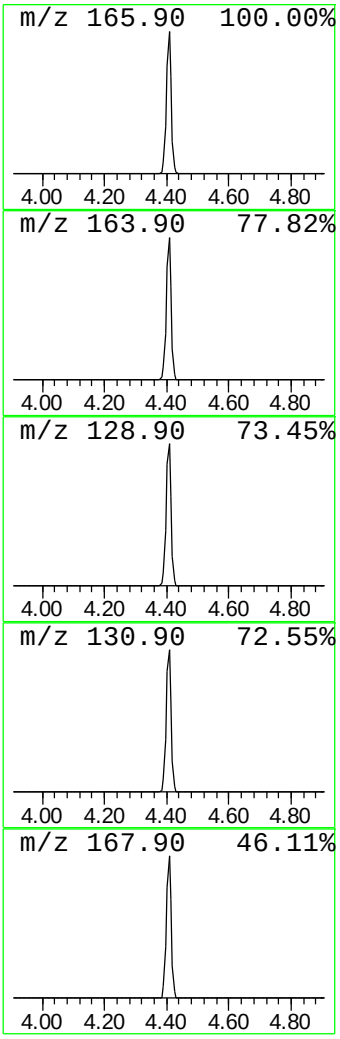
****

Peak Number 1 Tetrachloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	6.32 ng	220666	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25
3	2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
4	2-Chloro-4-aminopyrimidine	129	C4H4ClN3	007461-50-9	9
5	4-Chloro-1,5-naphthyridine	164	C8H5ClN2	007689-63-6	9





Library Search Compound Report

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Data File : BF109052.D
Acq On : 17 Sep 2018 17:02
Operator : JU/SJ
Sample : J4929-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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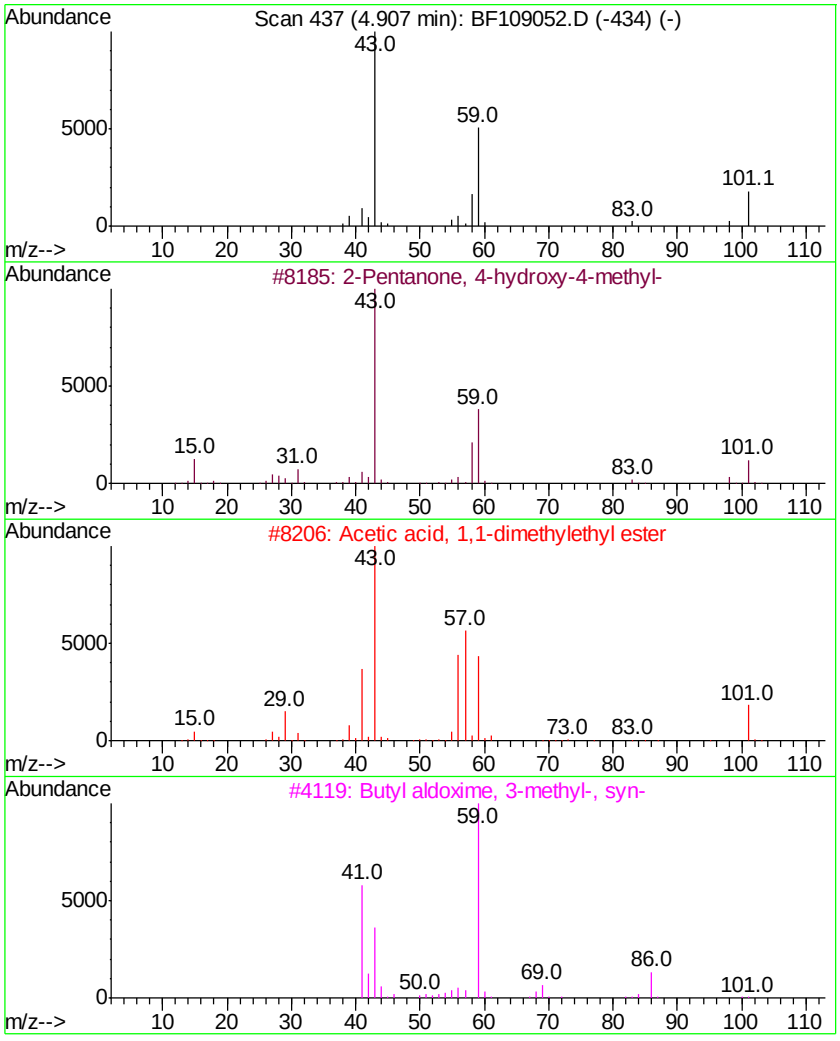
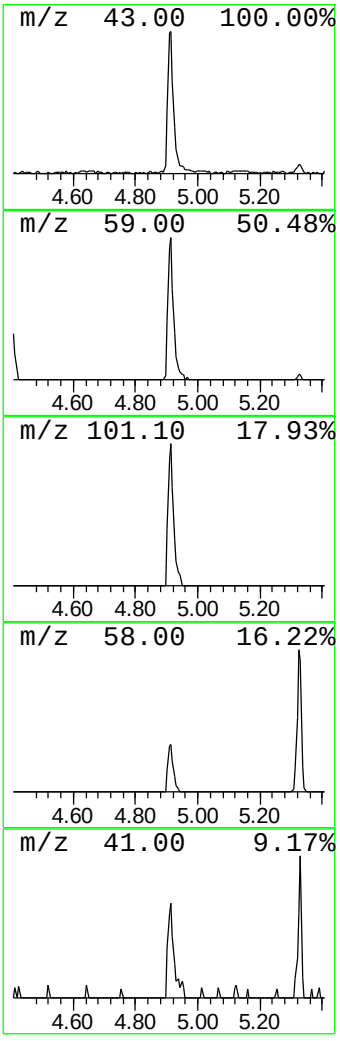
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.64 ng	92314	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J4929-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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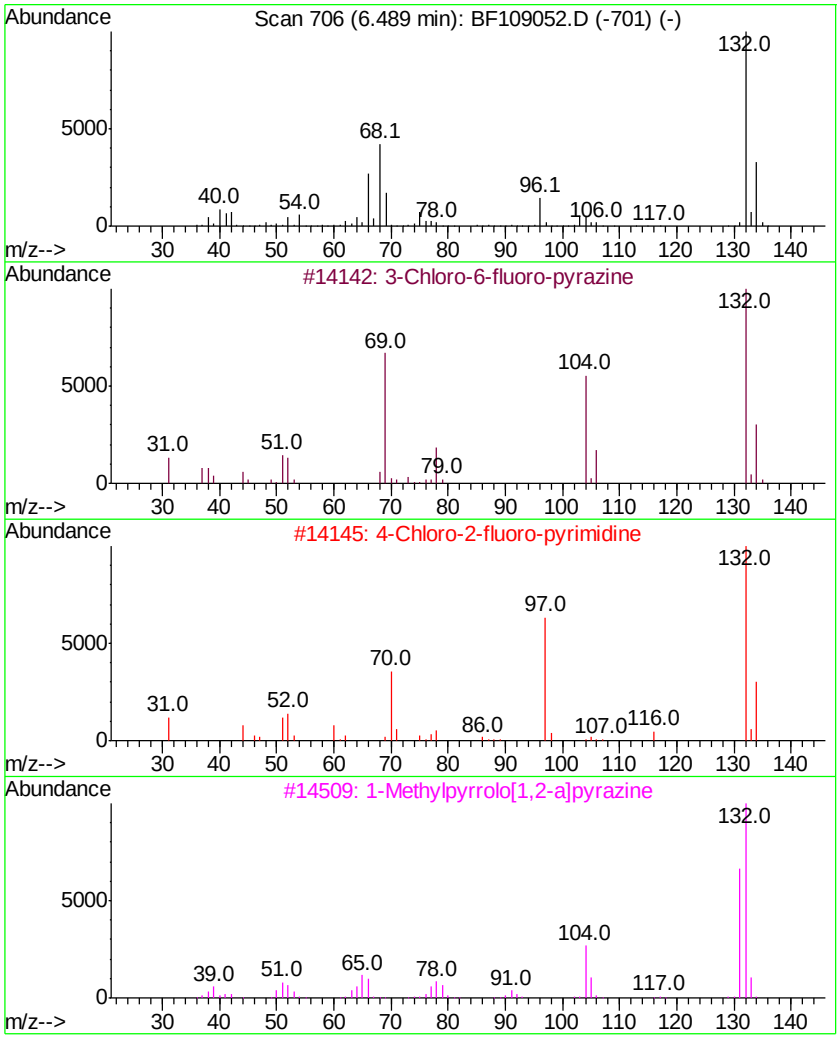
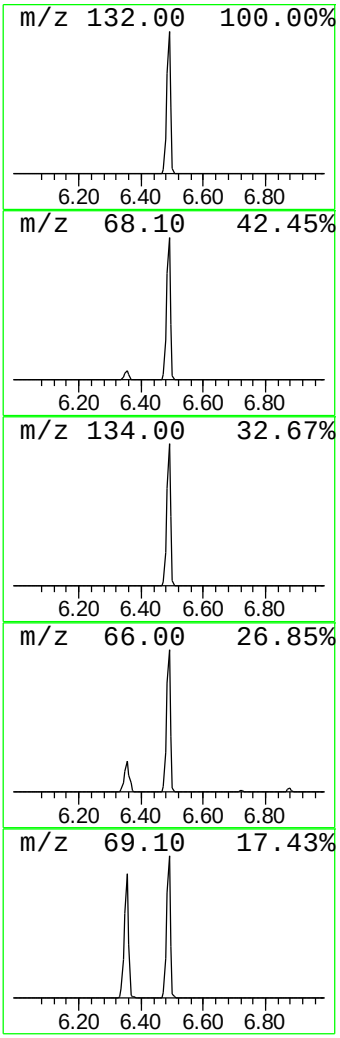
Peak Number 3 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	66.66 ng	2328400	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : SP-PIT-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

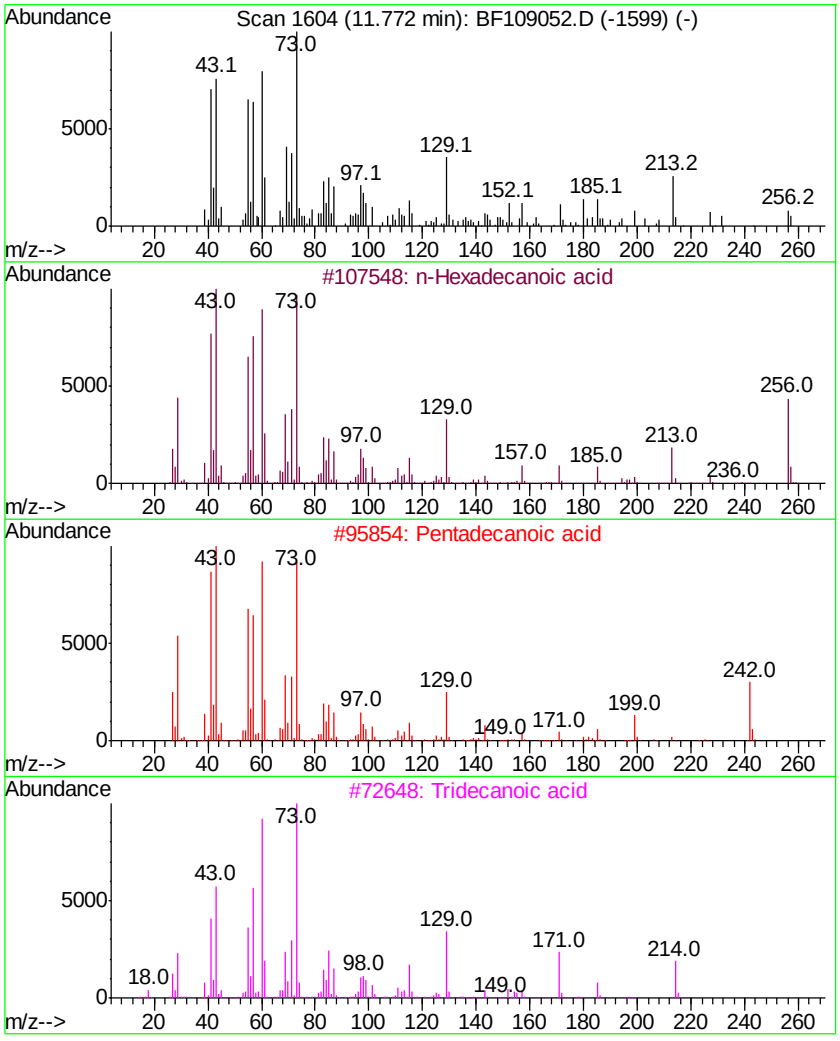
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

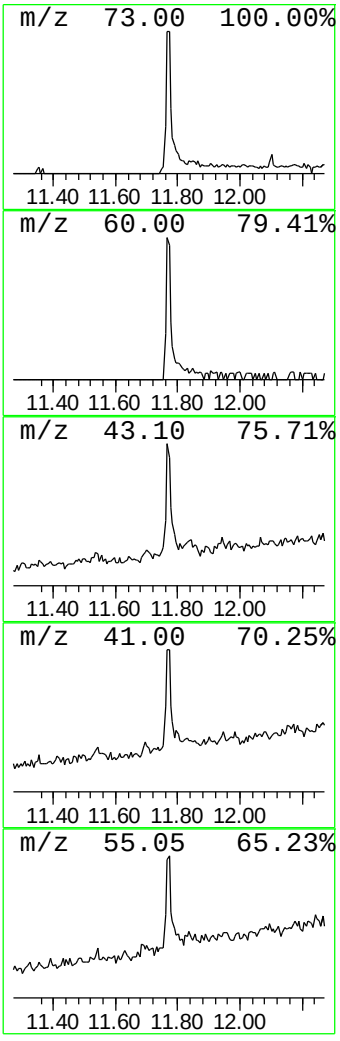
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.19 ng	145551	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Library Search Compound Report

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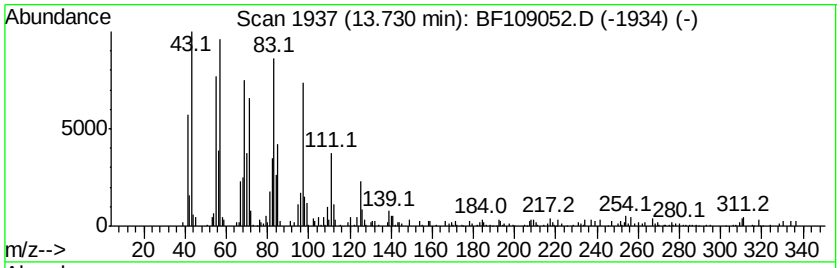
TIC Integration Parameters: LSCINT.P

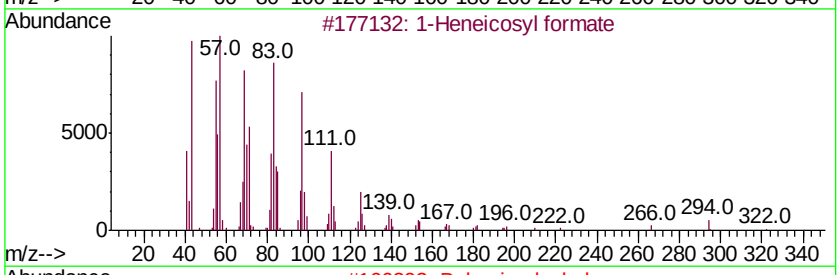
****

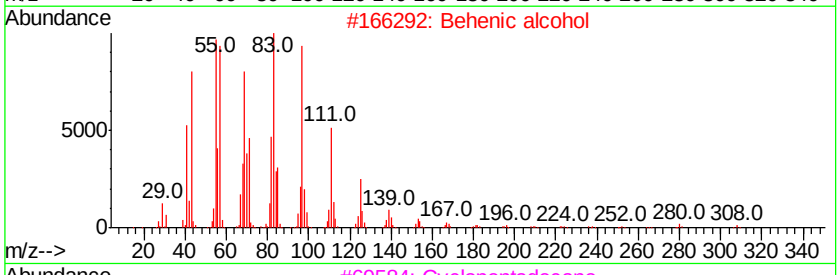
Peak Number 6 1-Heneicosyl formate Concentration Rank 5

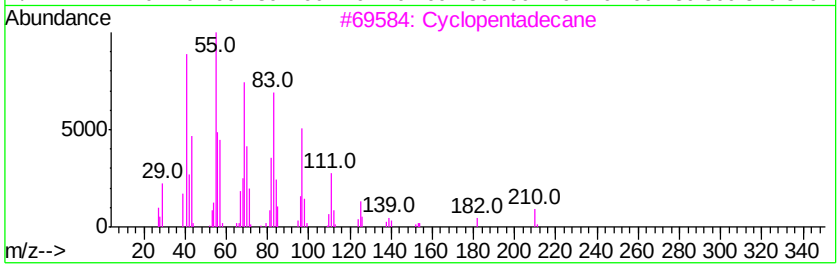
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.23 ng	213668	Chrysene-d12	13.85

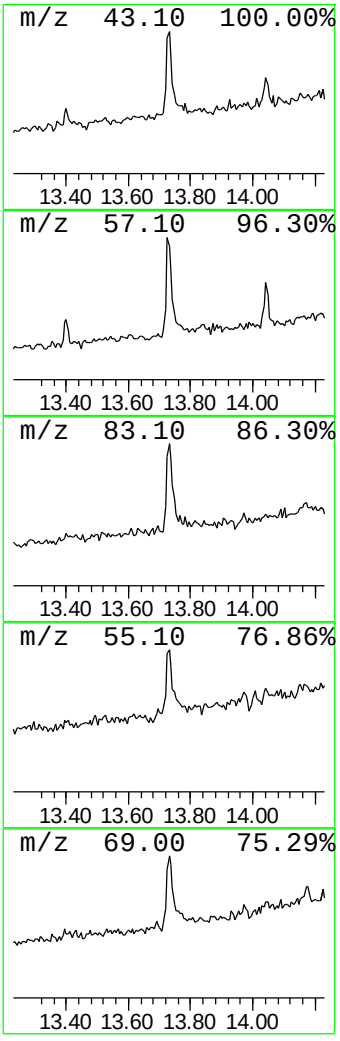
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

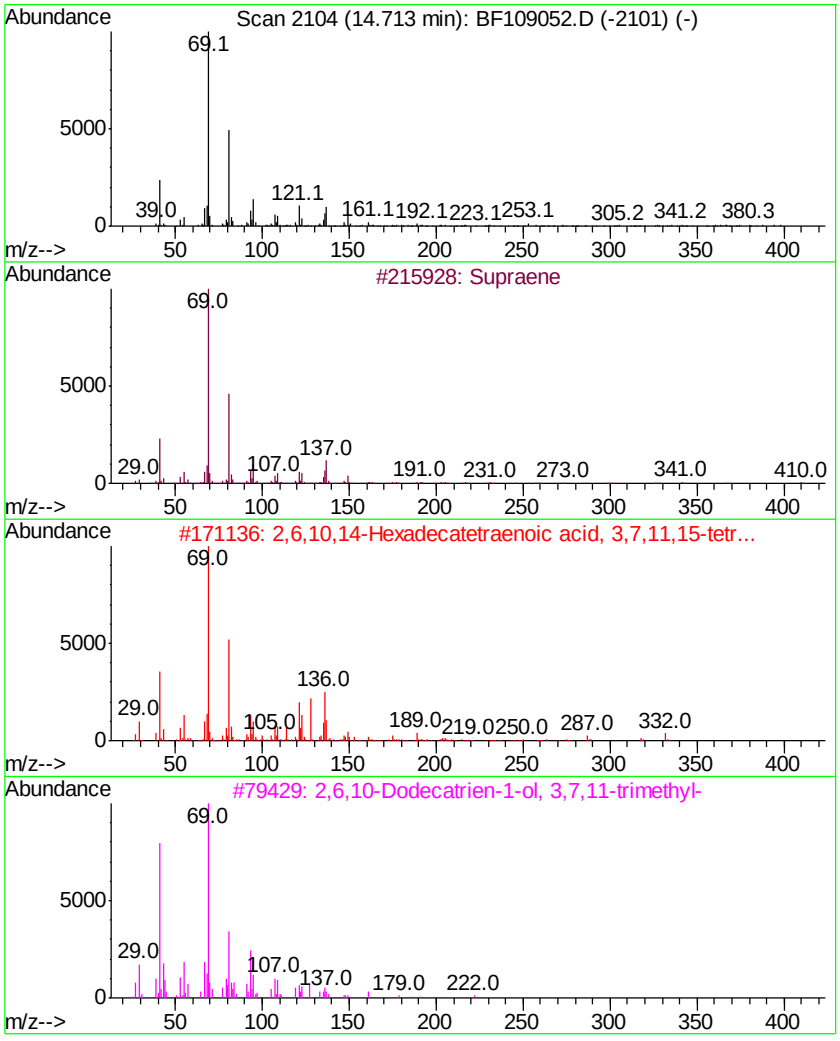
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

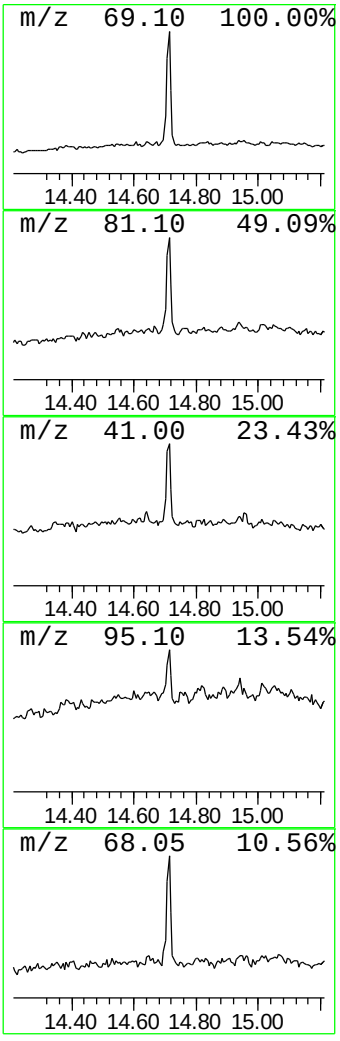
****

Peak Number 7 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	8.14 ng	254087	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethylene	4.41	6.3	ng	220666	1	6.72	698600	20.0
2-Pentanone, 4-hy...	4.91	2.6	ng	92314	1	6.72	698600	20.0
unknown6.49	6.49	66.7	ng	2328400	1	6.72	698600	20.0
n-Hexadecanoic acid	11.77	3.2	ng	145551	4	11.23	911202	20.0
1-Heneicosyl formate	13.73	4.2	ng	213668	5	13.85	1009970	20.0
Supraene	14.71	8.1	ng	254087	6	15.27	624567	20.0