LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109443.D
Acq On : 28 Sep 2018 21:10
Operator : JU/SJ
Sample : J4771-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-092718

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-BF092218.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	4.263	366	370	376	rBV	23372	29633	1.61%	0.184%
2	4.398	389	393	399	rBV	33321	38079	2.07%	0.236%
3	4.904	476	479	486	rBV	69982	84474	4.60%	0.524%
4	5.328	546	551	554	rBV	1612380	1660372	90.35%	10.294%
5	6.351	720	725	743	rBV	1883700	1837737	100.00%	11.393%
6	6.481	743	747	750	rBV	2008385	1700142	92.51%	10.540%
7	6.710	782	786	789	rBV	750149	587670	31.98%	3.643%
8	6.869	809	813	816	rBV	1586449	1406995	76.56%	8.723%
9	7.269	876	881	884	rBV	1191401	999136	54.37%	6.194%
10	7.992	1000	1004	1007	rBV	713897	616213	33.53%	3.820%
11	9.069	1182	1187	1190	rBV	1855565	1694065	92.18%	10.503%
12	9.457	1250	1253	1260	rBV	272505	225266	12.26%	1.397%
13	9.739	1297	1301	1308	rBV	702207	576930	31.39%	3.577%
14	10.522	1431	1434	1450	rBV	908463	846049	46.04%	5.245%
15	11.216	1549	1552	1556	rBV	693650	573512	31.21%	3.556%
16	12.798	1817	1821	1825	rBV	1741457	1601270	87.13%	9.927%
17	13.710	1973	1976	1982	rBV2	62041	90396	4.92%	0.560%
18	13.845	1995	1999	2002	rBV	631793	552035	30.04%	3.422%
19	14.021	2026	2029	2032	rBV	42199	43275	2.35%	0.268%
20	14.327	2078	2081	2083	rBV	53119	46611	2.54%	0.289%
21	14.621	2128	2131	2136	rVB	80902	76058	4.14%	0.472%
22	14.933	2181	2184	2190	rVB	89532	105149	5.72%	0.652%
23	15.245	2233	2237	2241	rBV	329865	377808	20.56%	2.342%
24	15.286	2241	2244	2248	rVB	108158	126095	6.86%	0.782%
25	15.692	2309	2313	2320	rVB2	104945	153991	8.38%	0.955%
26	16.151	2388	2391	2396	rBV2	59685	81049	4.41%	0.502%

Sum of corrected areas: 16130010

LSC Report - Integrated Chromatogram

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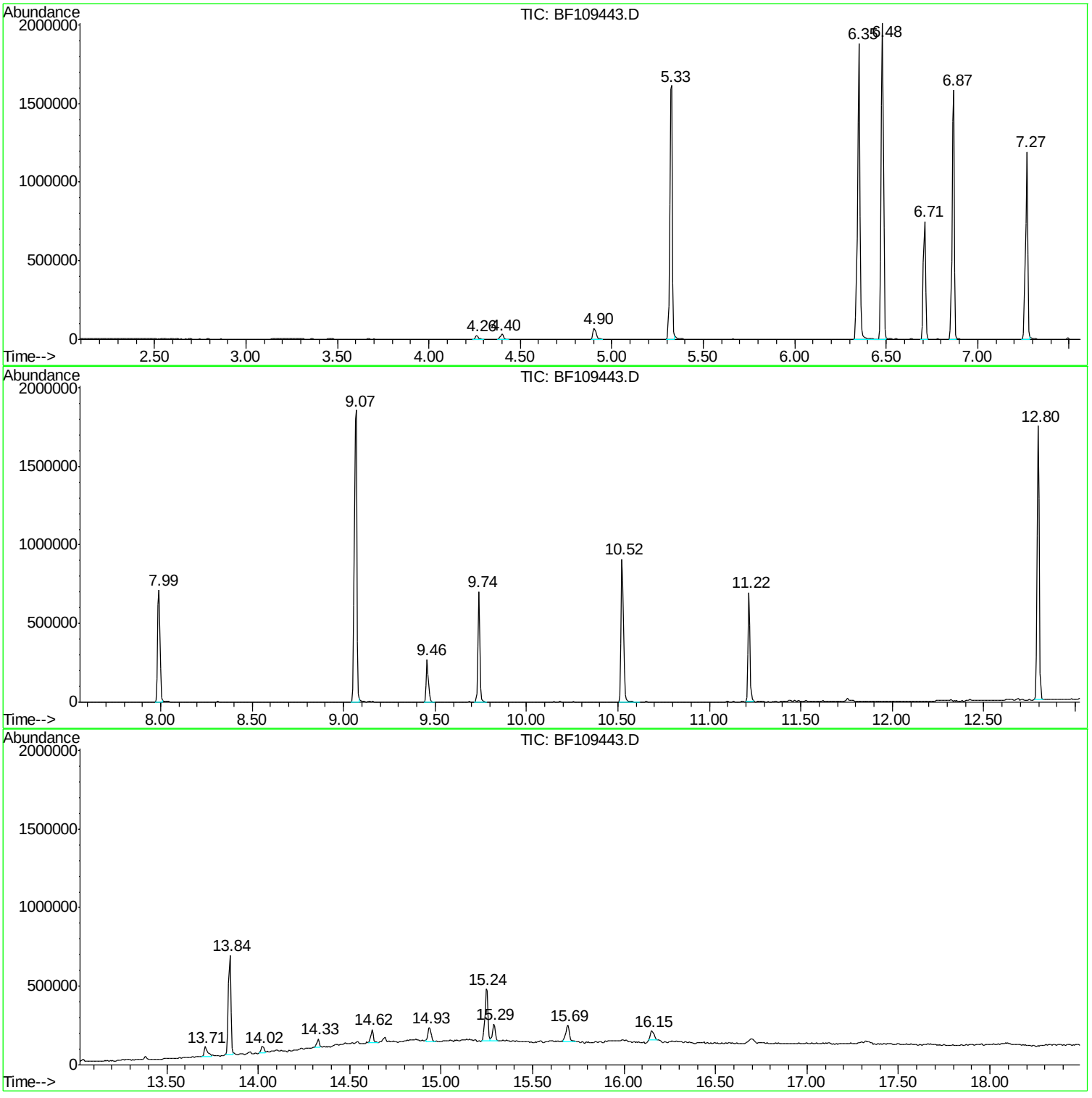
Instrument : BNA_F
ClientSampleId : NB-08-092718

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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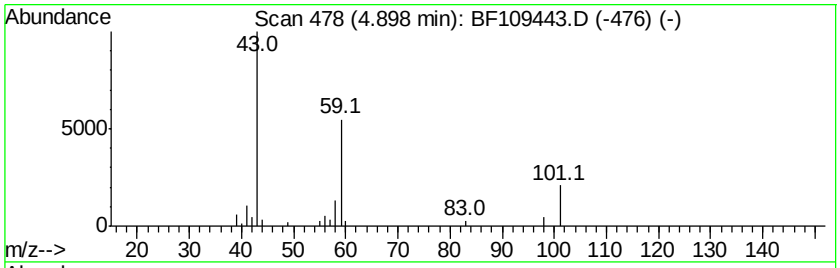
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

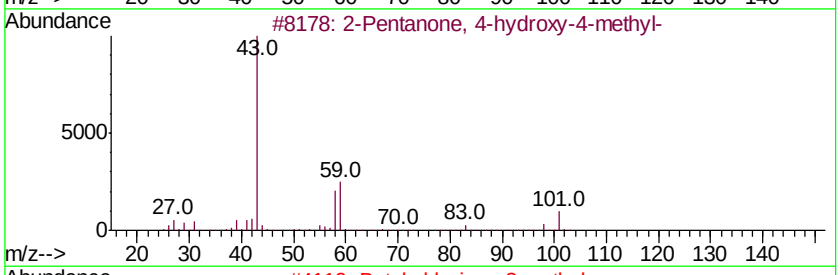
****

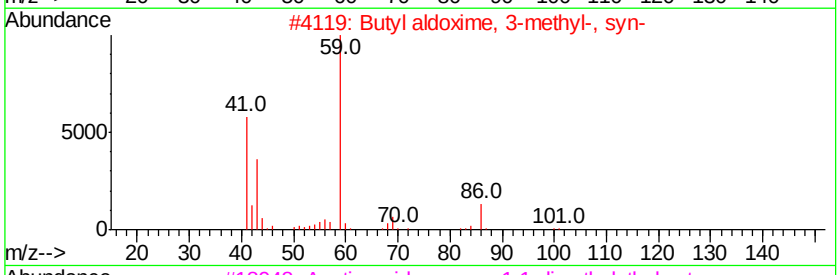
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

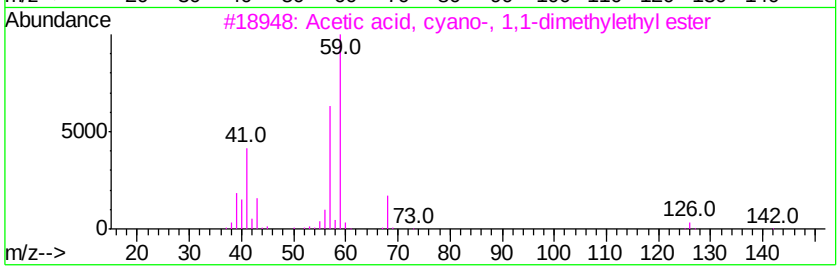
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.87 ng	84474	1,4-Dichlorobenzene-d4	6.71

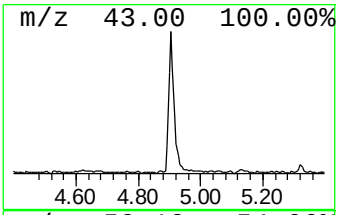
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	3-Hexanol	102	C6H14O	000623-37-0	9

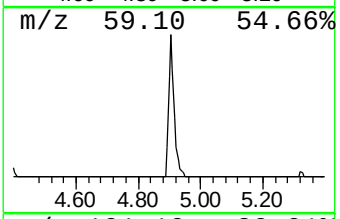


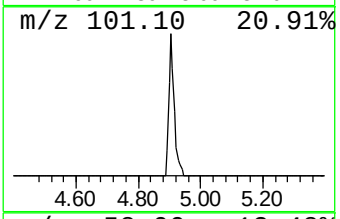


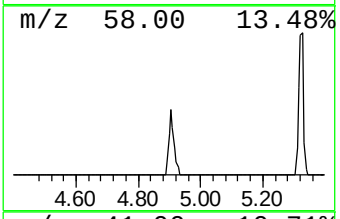


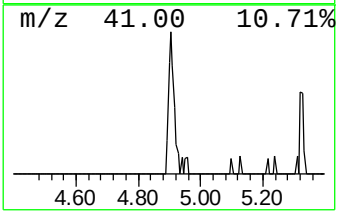












Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-092718

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

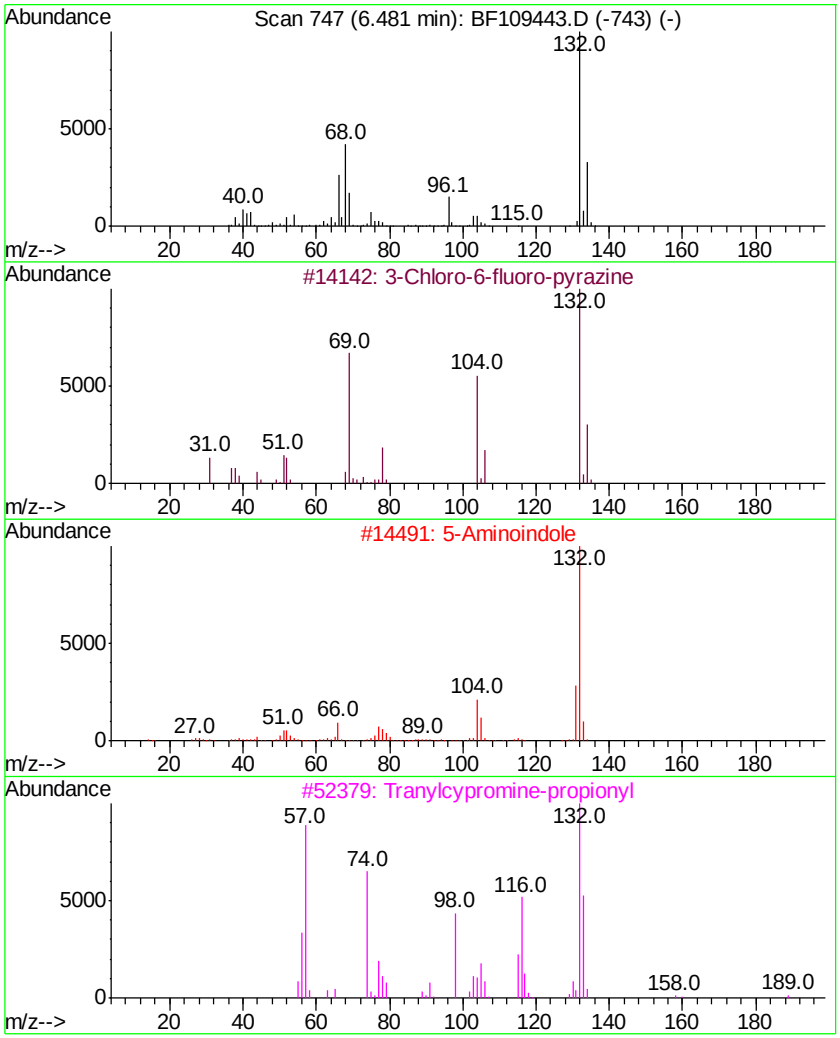
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

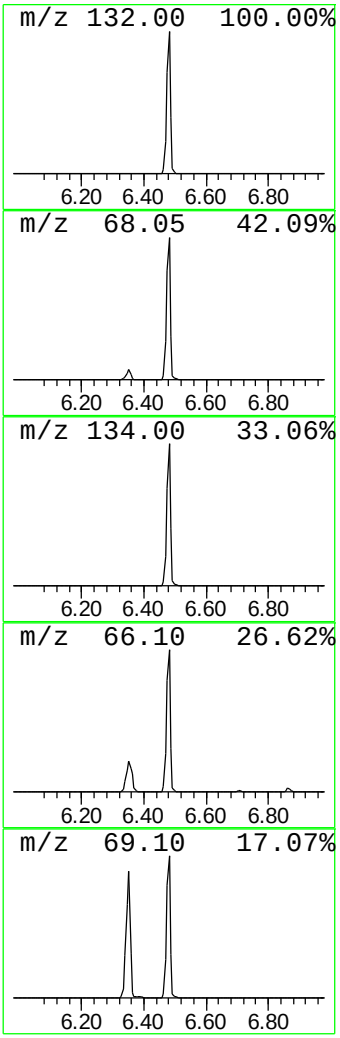
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	57.86 ng	1700140	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : NB-08-092718

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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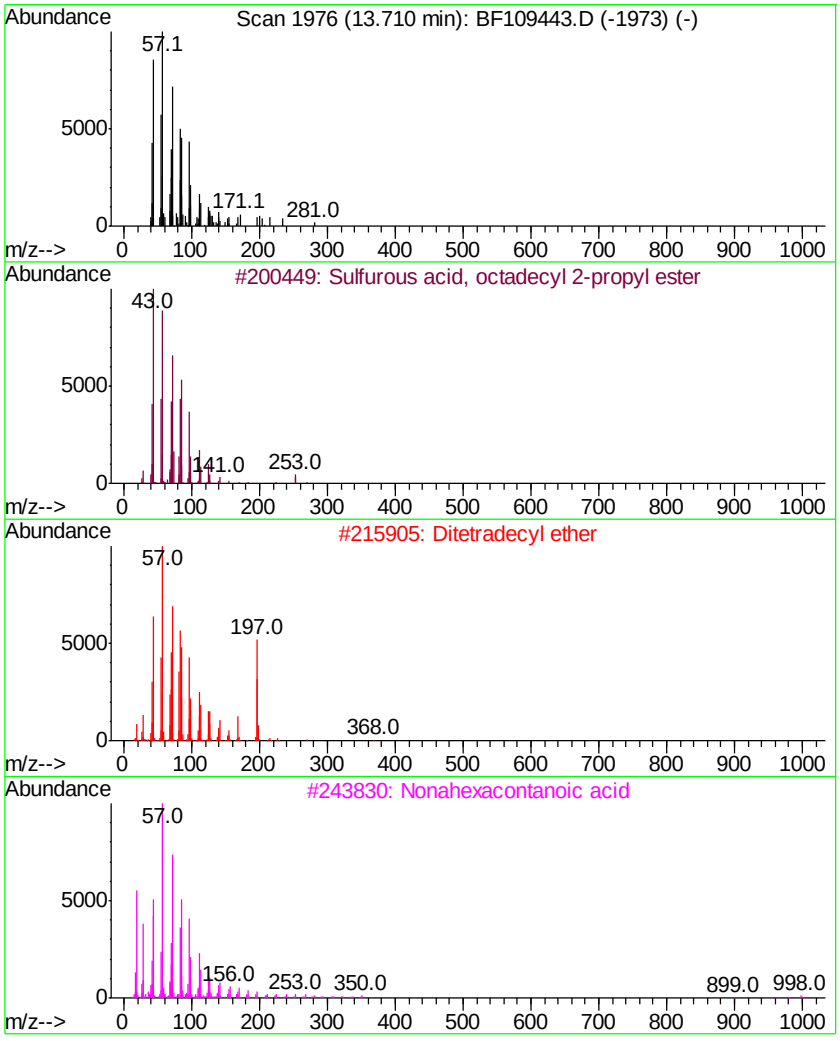
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

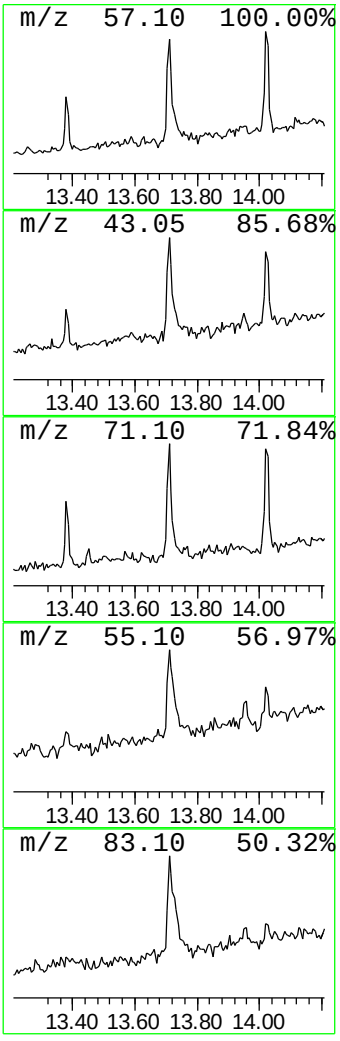
****

Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.28 ng	90396	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2	Ditetradecyl ether	410	C28H58O	005412-98-6	83
3	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	83
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	83
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	60





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Instrument : BNA_F
ClientSampleId : NB-08-092718

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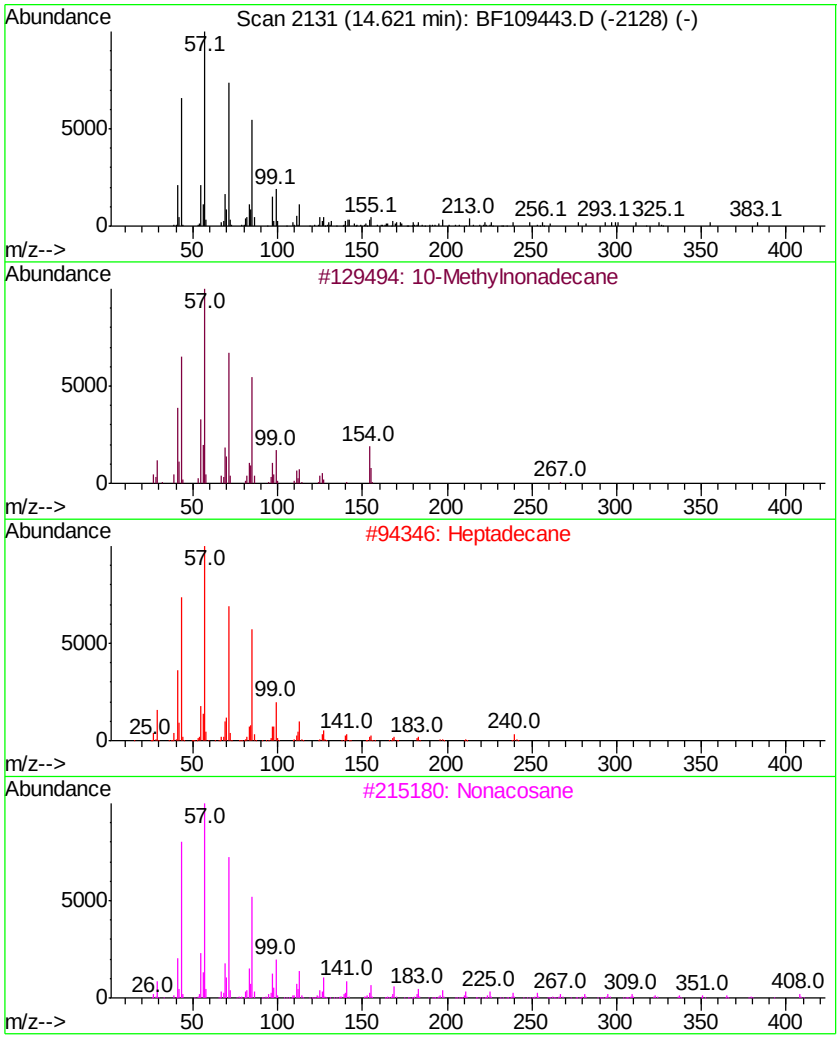
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

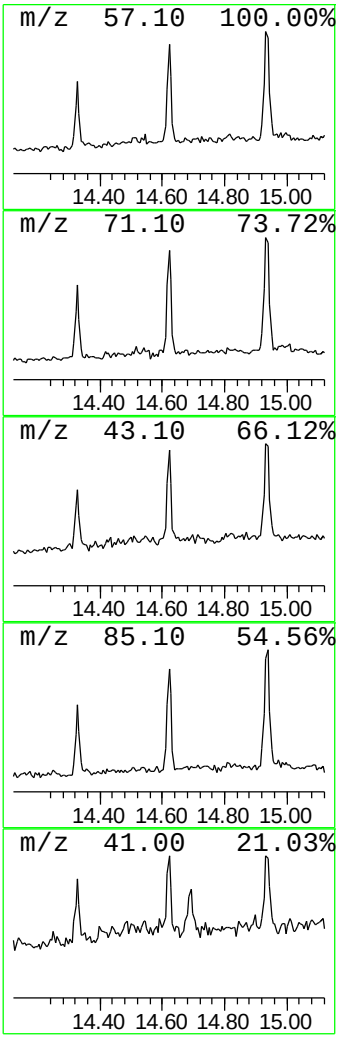
****

Peak Number 5 10-Methylnonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.03 ng	76058	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Nonacosane	408	C29H60	000630-03-5	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	64





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TIC Library : C:\DATABASE\NIST11.L
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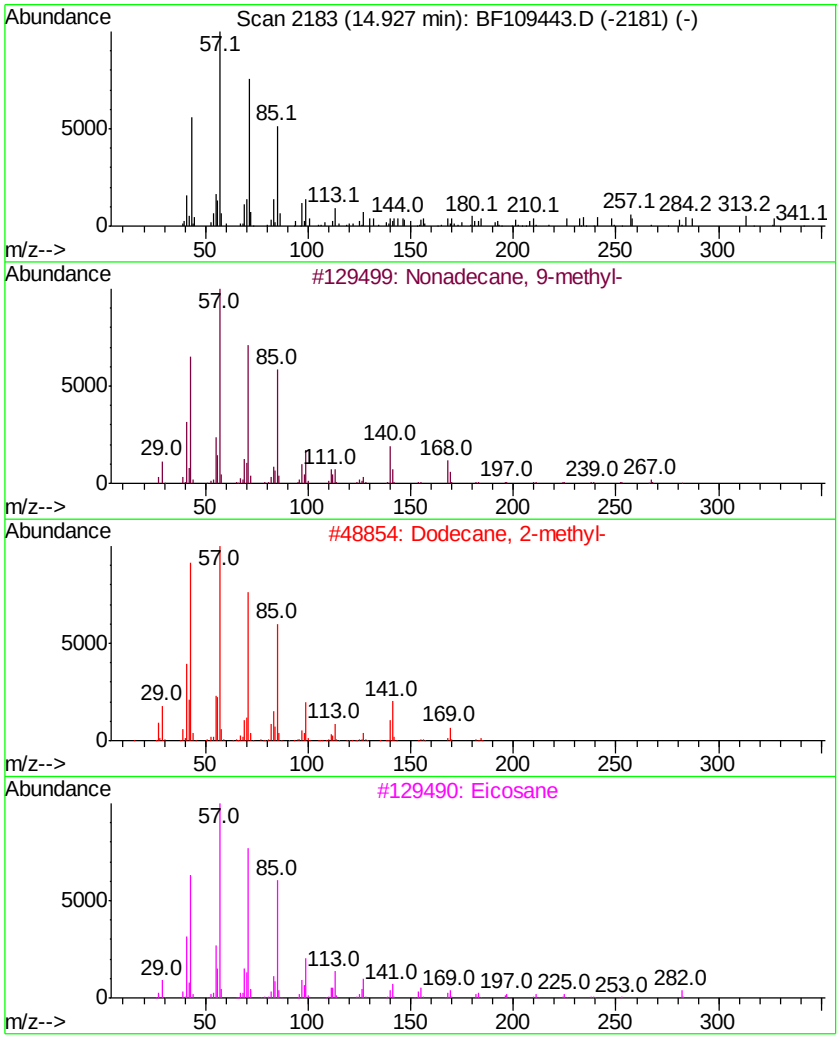
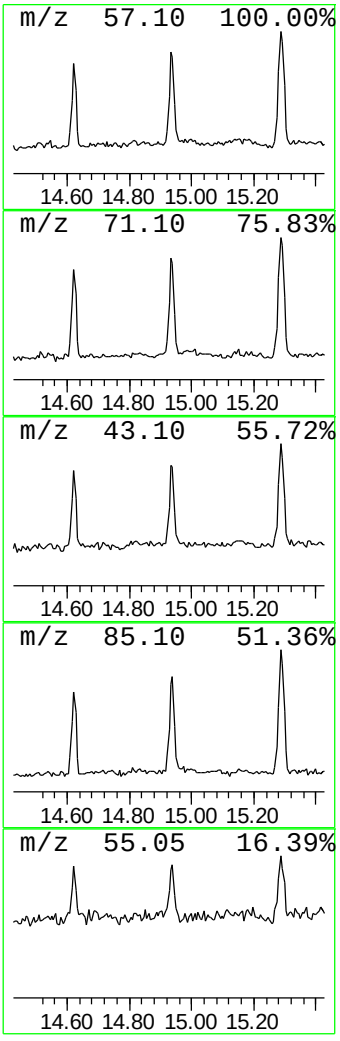
****

Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	5.57 ng	105149	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	86





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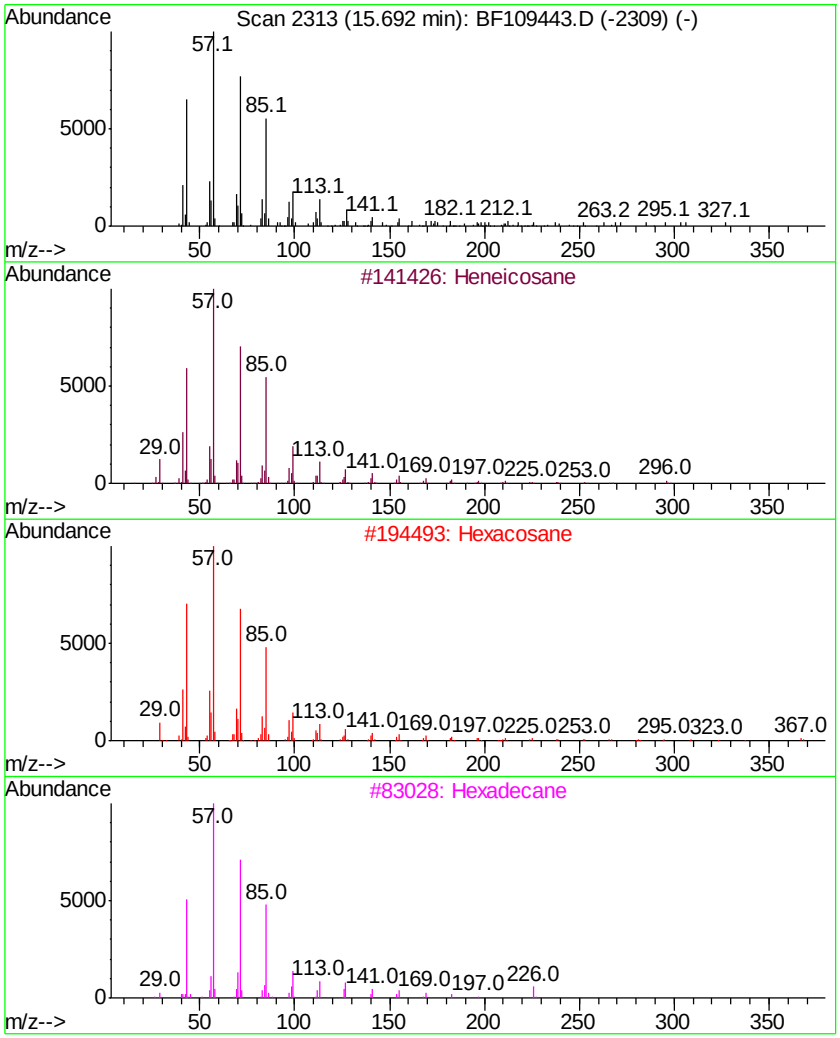
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

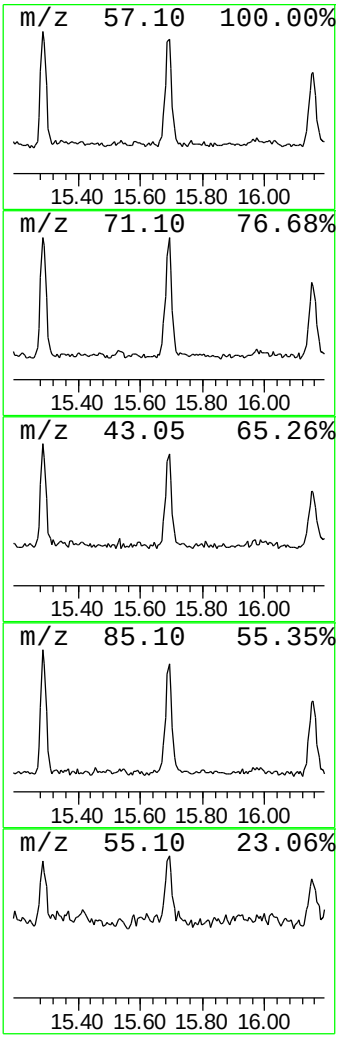
****

Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	8.15 ng	153991	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91





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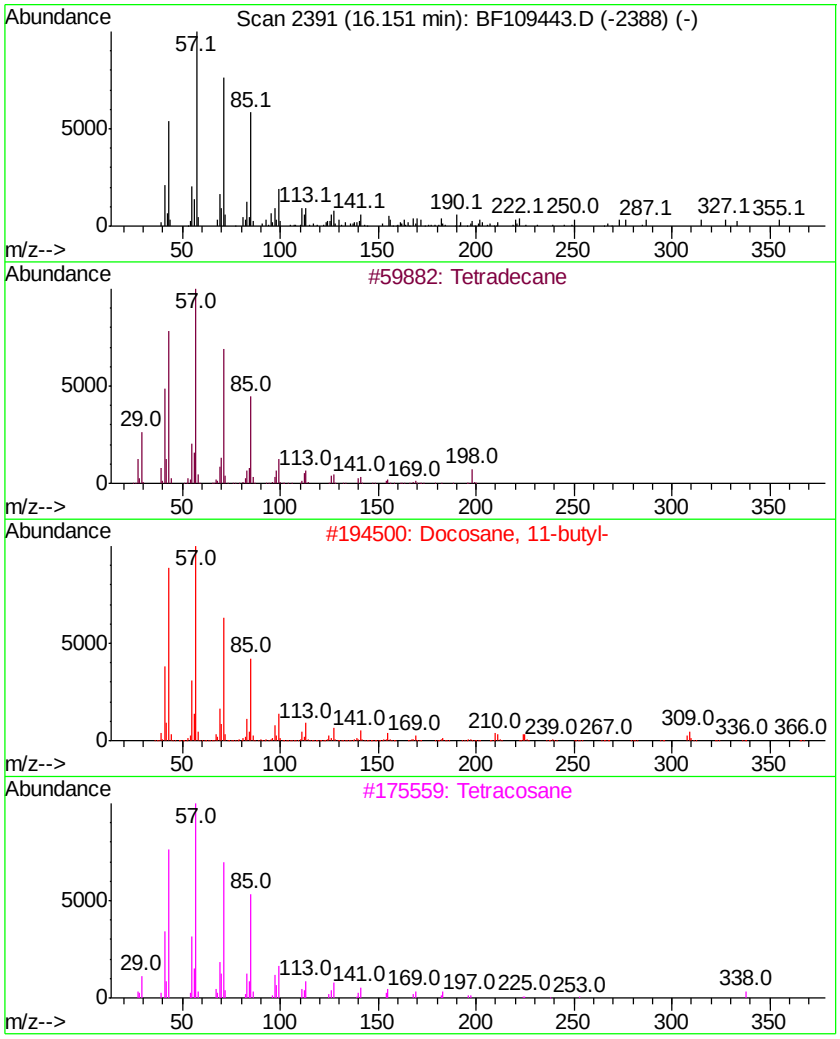
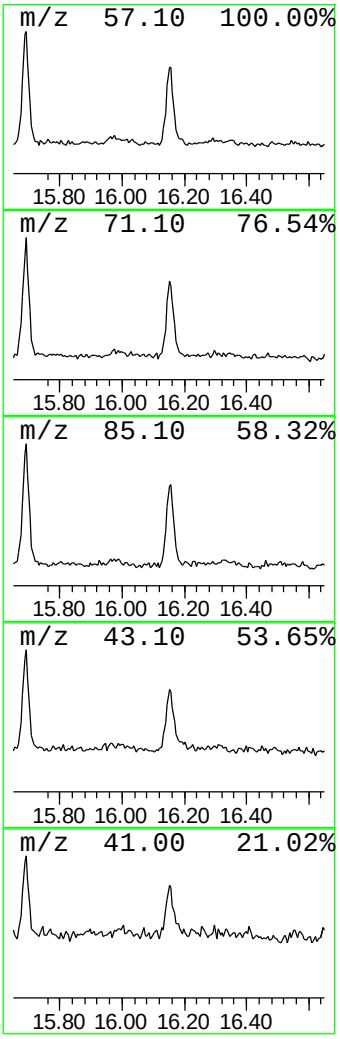
Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	4.29 ng	81049	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	80





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	2.9	ng	84474	1	6.71	587670	20.0
unknown6.48	6.48	57.9	ng	1700140	1	6.71	587670	20.0
Sulfurous acid, o...	13.71	3.3	ng	90396	5	13.84	552035	20.0
10-Methylnonadecane	14.62	4.0	ng	76058	6	15.24	377808	20.0
Nonadecane, 9-met...	14.93	5.6	ng	105149	6	15.24	377808	20.0
Heneicosane	15.69	8.2	ng	153991	6	15.24	377808	20.0
Tetradecane	16.15	4.3	ng	81049	6	15.24	377808	20.0