LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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	4.896	432	435	443	rVB	30993	31470	3.74%	0.272%
2	5.319	503	507	510	rBV	744083	639597	75.96%	5.535%
3	6.342	677	681	687	rBV	721490	685999	81.47%	5.936%
4	6.484	701	705	708	rBV	746682	600451	71.31%	5.196%
5	6.719	741	745	748	rBV	697600	559600	66.46%	4.842%
6	6.872	768	771	775	rBV	602606	522809	62.09%	4.524%
7	7.272	835	839	842	rBV	527355	444006	52.73%	3.842%
8	8.001	959	963	966	rBV	933329	755221	89.69%	6.535%
9	9.072	1142	1145	1149	rBV	989603	840437	99.81%	7.273%
10	9.172	1156	1162	1165	rBV5	9794	14346	1.70%	0.124%
11	9.295	1178	1183	1184	rBV5	9296	13013	1.55%	0.113%
12	9.466	1209	1212	1215	rBV	125640	98560	11.71%	0.853%
13	9.578	1228	1231	1234	rBV3	23419	24956	2.96%	0.216%
14	9.701	1250	1252	1253	rBV2	19973	16300	1.94%	0.141%
15	9.748	1256	1260	1264	rVV	833951	800469	95.07%	6.927%
16	9.866	1274	1280	1283	rBV6	41264	85469	10.15%	0.740%
17	9.966	1295	1297	1299	rBV2	25796	28634	3.40%	0.248%
18	10.442	1375	1378	1381	rBV4	64943	115236	13.69%	0.997%
19	10.530	1390	1393	1396	rVB	428977	341636	40.57%	2.956%
20	11.230	1508	1512	1515	rBV	661294	682377	81.04%	5.905%
21	12.295	1691	1693	1698	rVB	272120	238248	28.29%	2.062%
22	12.436	1715	1717	1722	rVB	162591	151809	18.03%	1.314%
23	12.777	1773	1775	1777	rBV2	110369	121197	14.39%	1.049%
24	12.807	1777	1780	1784	rVB	523594	579258	68.79%	5.013%
25	13.054	1820	1822	1825	rVV3	128869	132304	15.71%	1.145%
26	13.083	1825	1827	1830	rVB	244739	244998	29.10%	2.120%
27	13.854	1954	1958	1960	rVV	939644	842021	100.00%	7.286%
28	13.871	1960	1961	1965	rVB	52228	48211	5.73%	0.417%
29	14.007	1982	1984	1987	rBV4	49379	48797	5.80%	0.422%
30	14.642	2089	2092	2097	rVB3	81996	119075	14.14%	1.030%
31	14.854	2126	2128	2131	rVV	67363	71135	8.45%	0.616%
32	14.883	2131	2133	2138	rVB4	71527	94294	11.20%	0.816%
33	15.018	2154	2156	2158	rBV3	37493	21692	2.58%	0.188%
34	15.142	2173	2177	2180	rBV	50036	70077	8.32%	0.606%

LSC Area Percent Report

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Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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

35	15.189	2183	2185	2189	rVV	86837	101931	12.11%	0.882%
36	15.254	2192	2196	2199	rVV	553284	649818	77.17%	5.623%
37	15.307	2203	2205	2216	rVB	135828	268794	31.92%	2.326%
38	15.712	2270	2274	2279	rBV	116797	159489	18.94%	1.380%
39	16.095	2337	2339	2345	rVB6	20554	24392	2.90%	0.211%
40	16.177	2349	2353	2363	rVB3	74734	154291	18.32%	1.335%
41	16.595	2420	2424	2432	rVB2	33415	66607	7.91%	0.576%
42	16.724	2442	2446	2447	rBV3	35224	47228	5.61%	0.409%

Sum of corrected areas: 11556252

LSC Report - Integrated Chromatogram

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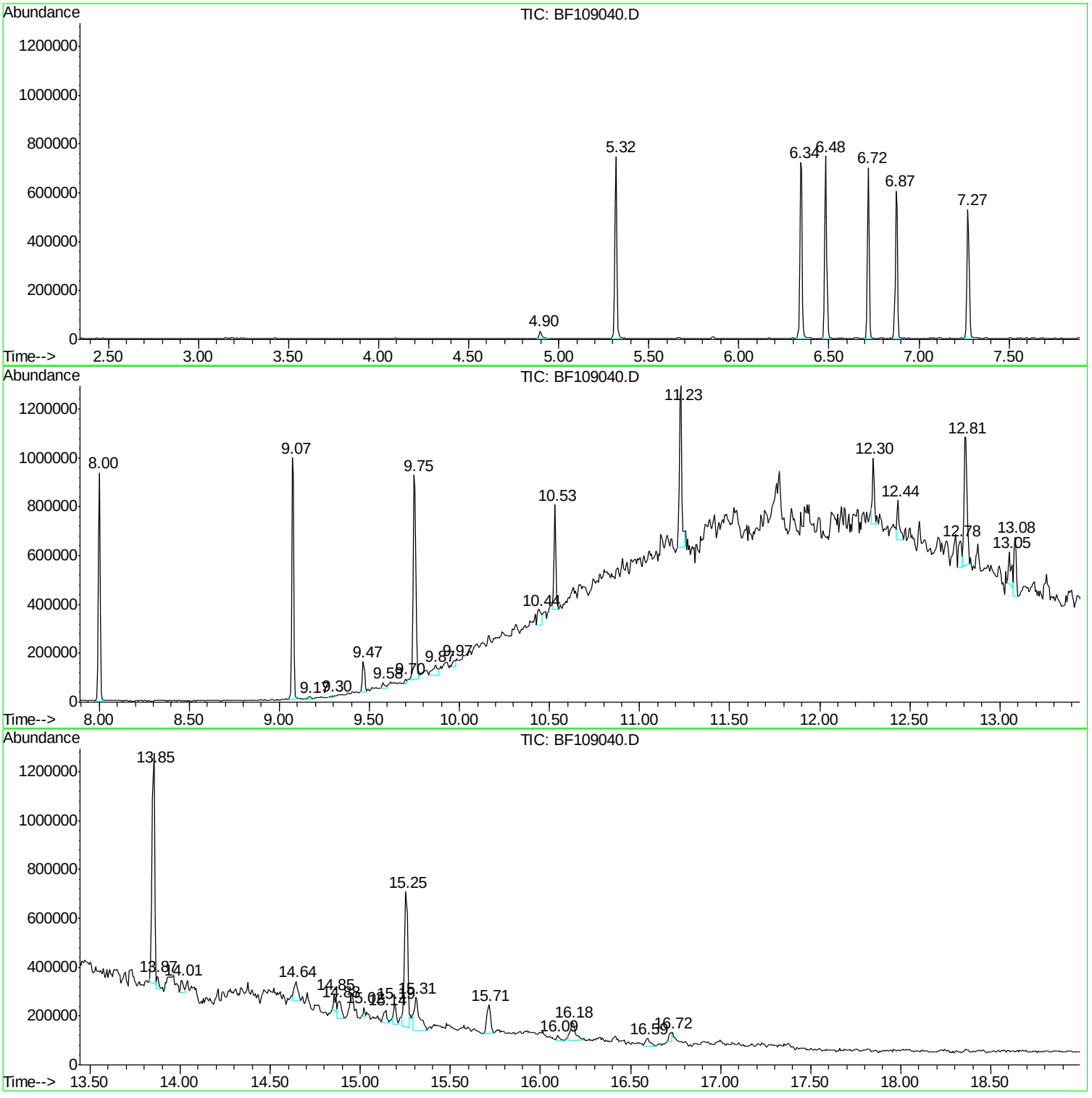
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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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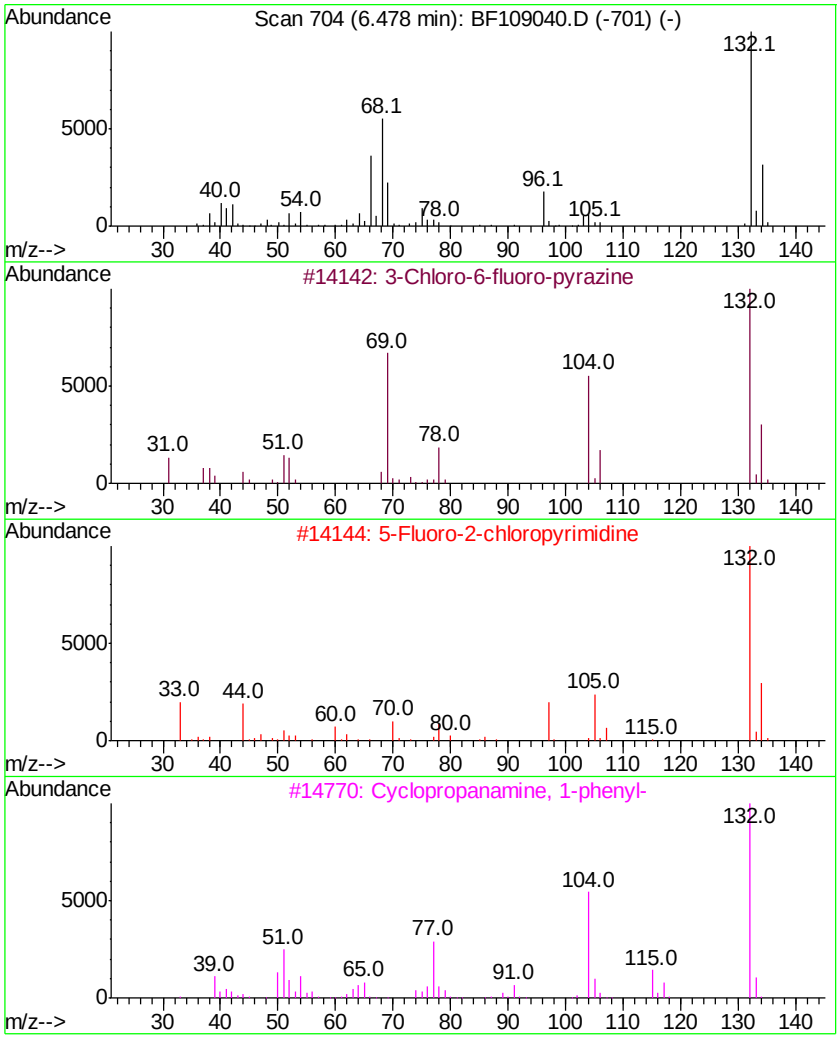
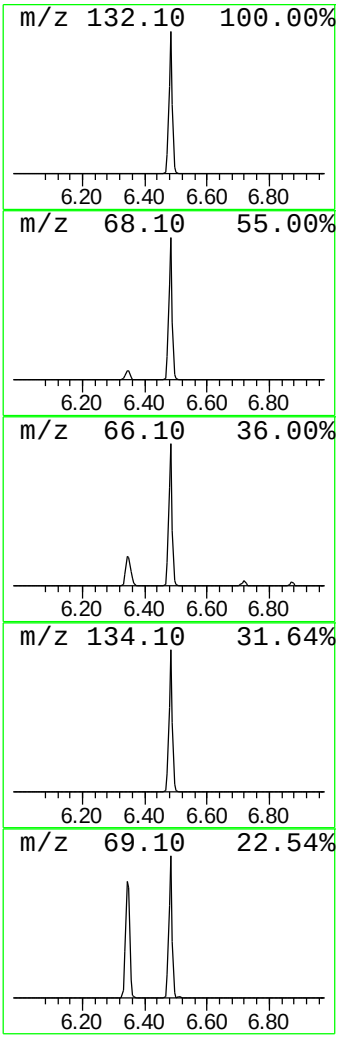
Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	21.46 ng	600451	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	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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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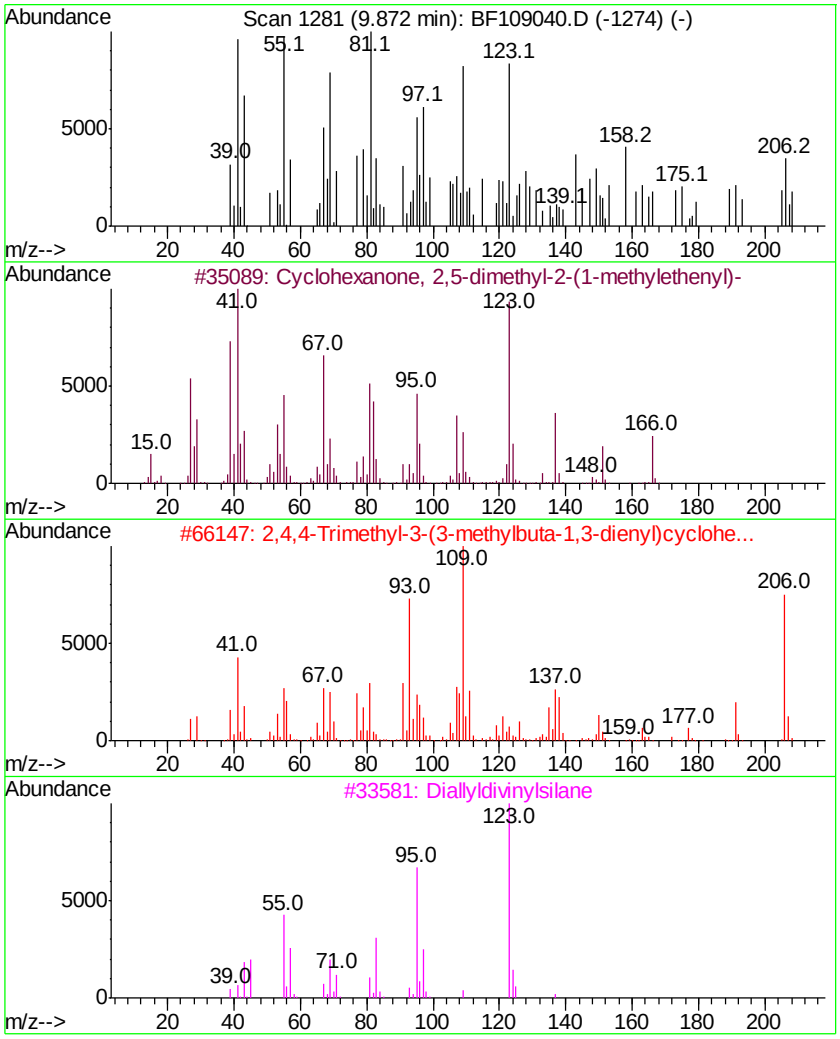
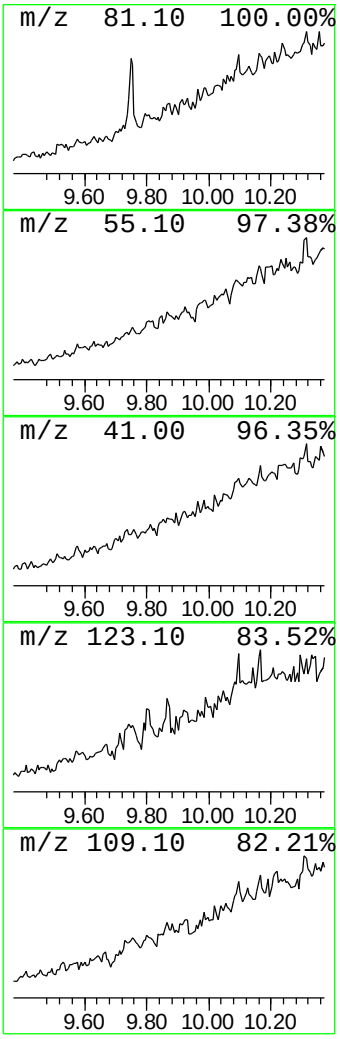
Peak Number 3 unknown9.87 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.14 ng	85469	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	47
2	2,4,4-Trimethyl-3-(3-methylbuta-...	206	C14H22O	097452-05-6	38
3	Diallyldivinylsilane	164	C10H16Si	119901-88-1	38
4	4-Methylimidazole-5-butyric acid	168	C8H12N2O2	1000129-14-7	38
5	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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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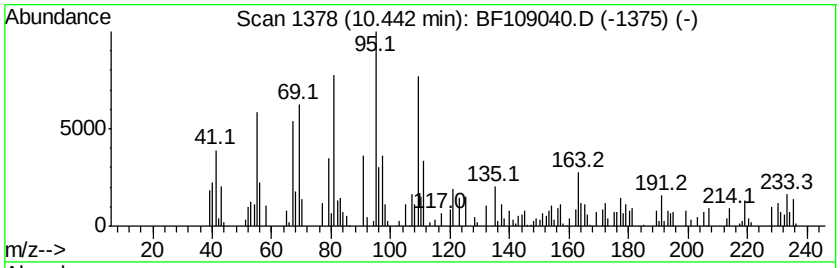
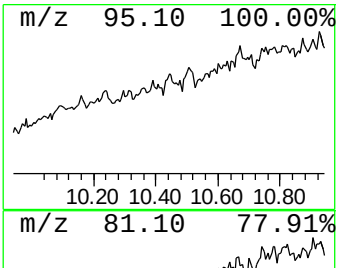
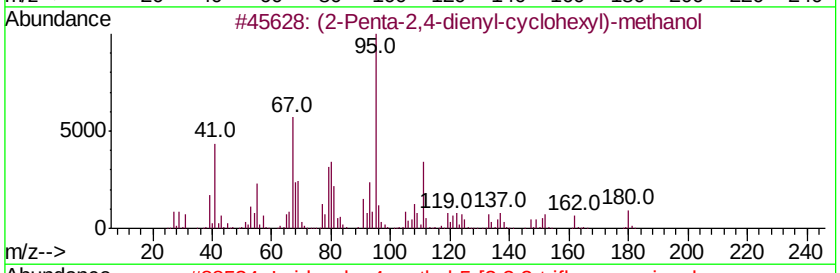
Peak Number 4 unknown10.44 Concentration Rank 10

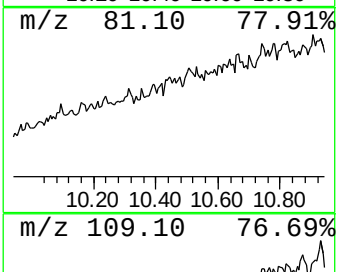
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.88 ng	115236	Acenaphthene-d10	9.75

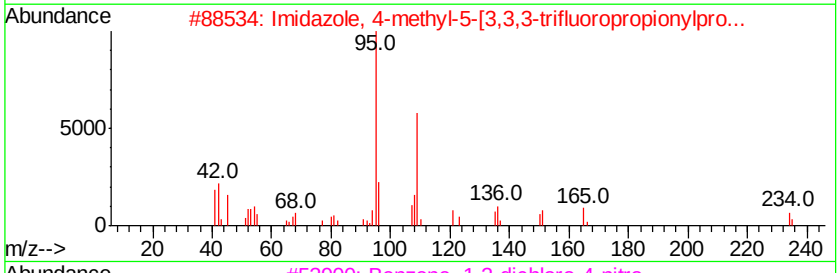
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Penta-2,4-dienyl-cyclohexyl)-...	180	C12H20O	1000186-20-6	44
2	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	43
3	Benzene, 1,2-dichloro-4-nitro-	191	C6H3Cl2NO2	000099-54-7	35
4	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	30
5	2H-Pyran, 5,6-dihydro-5-(p-metho...	484	C30H44O5	1000161-03-6	22

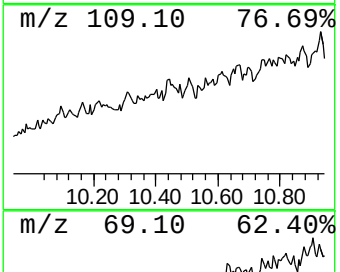


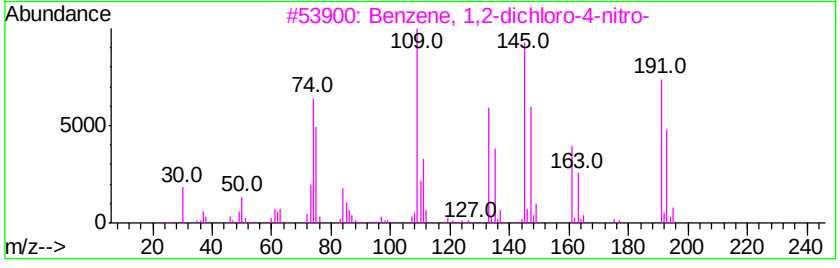


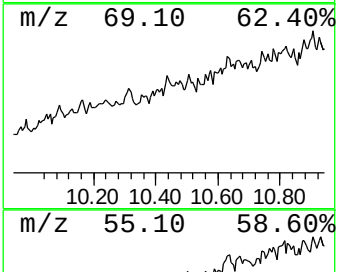


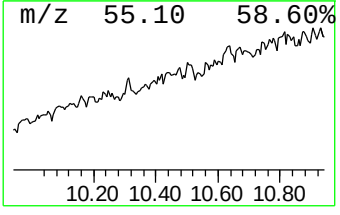












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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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

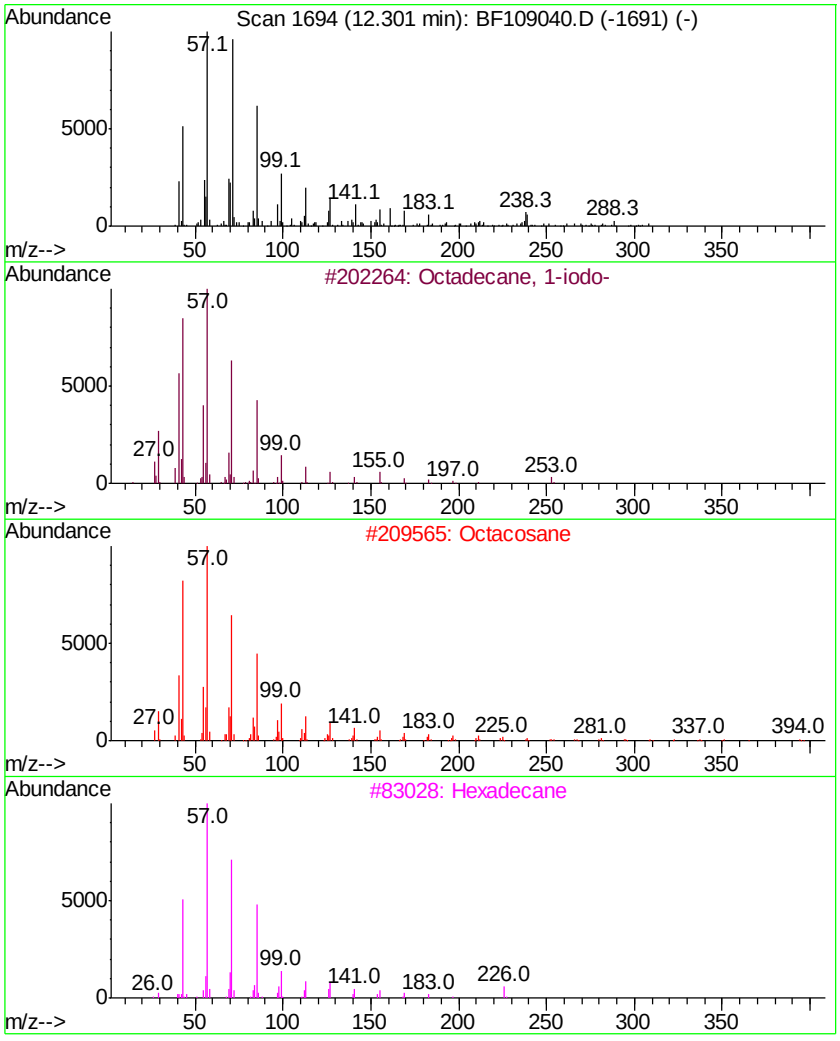
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

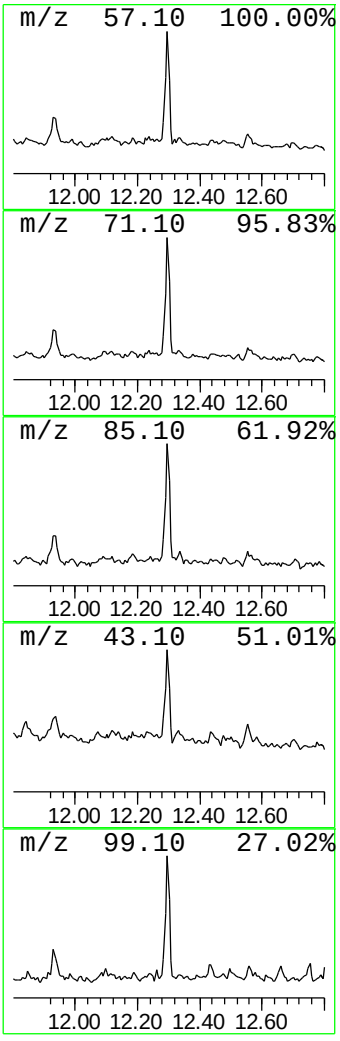
****

Peak Number 5 Octadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.98 ng	238248	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72





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Instrument : BNA_F
ClientSampleId : RB47198RT

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

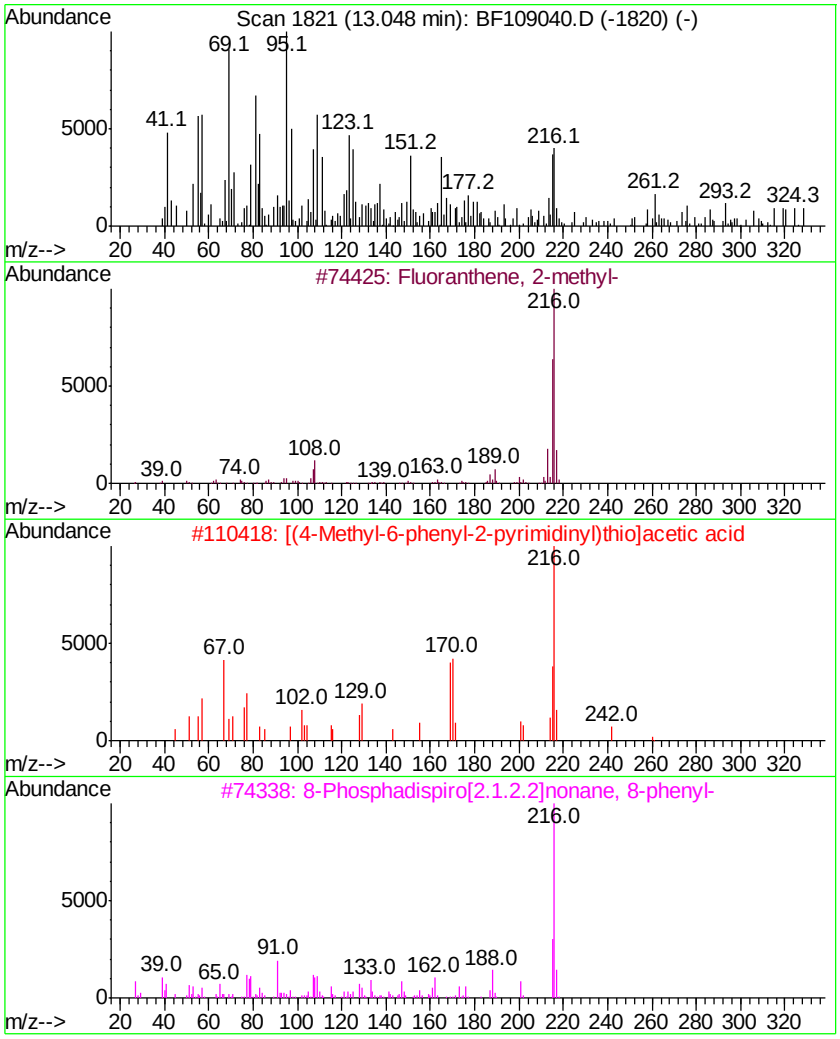
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

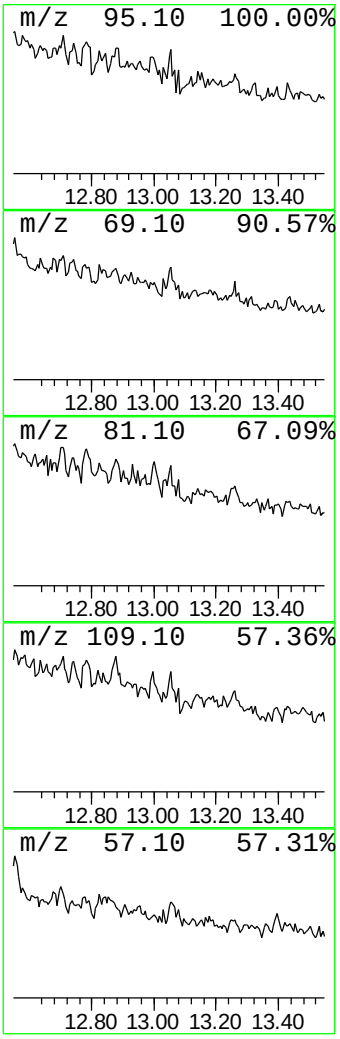
****

Peak Number 6 unknown13.05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.14 ng	132304	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	35
2	[(4-Methyl-6-phenyl-2-pyrimidinyl...	260	C13H12N2O2S	077517-13-6	25
3	8-Phosphadispiro[2.1.2.2]nonane,...	216	C14H17P	1000162-94-6	25
4	2-[3-Pyridylmethylene-3-quinucl...	216	C13H16N2O	273748-56-4	18
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	18





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Instrument : BNA_F
ClientSampleId : RB47198RT

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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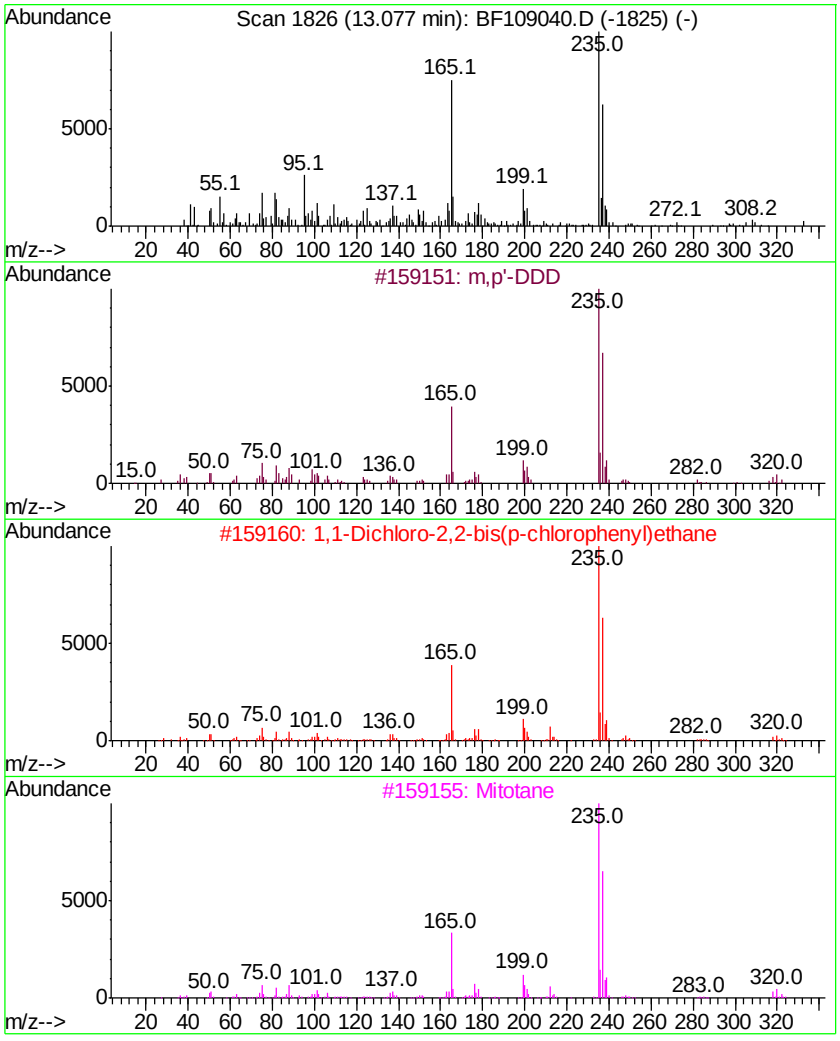
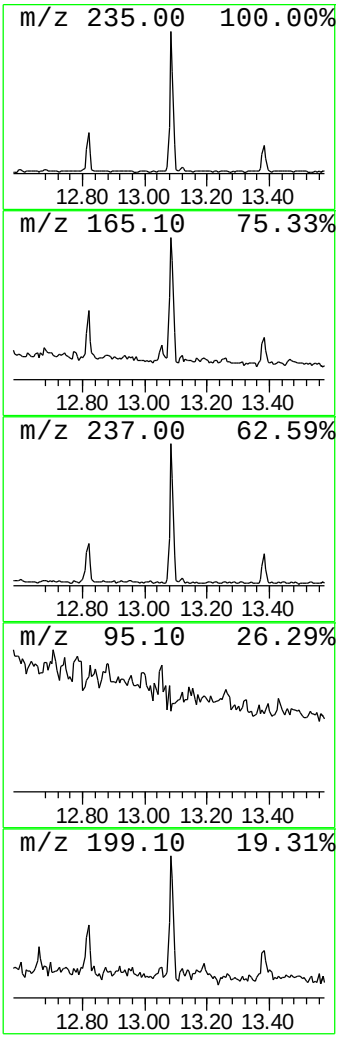
Peak Number 7 m,p'-DDD Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	5.82 ng	244998	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p'-DDD	318	C14H10Cl4	004329-12-8	94
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
3	Mitotane	318	C14H10Cl4	000053-19-0	93
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	80
5	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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

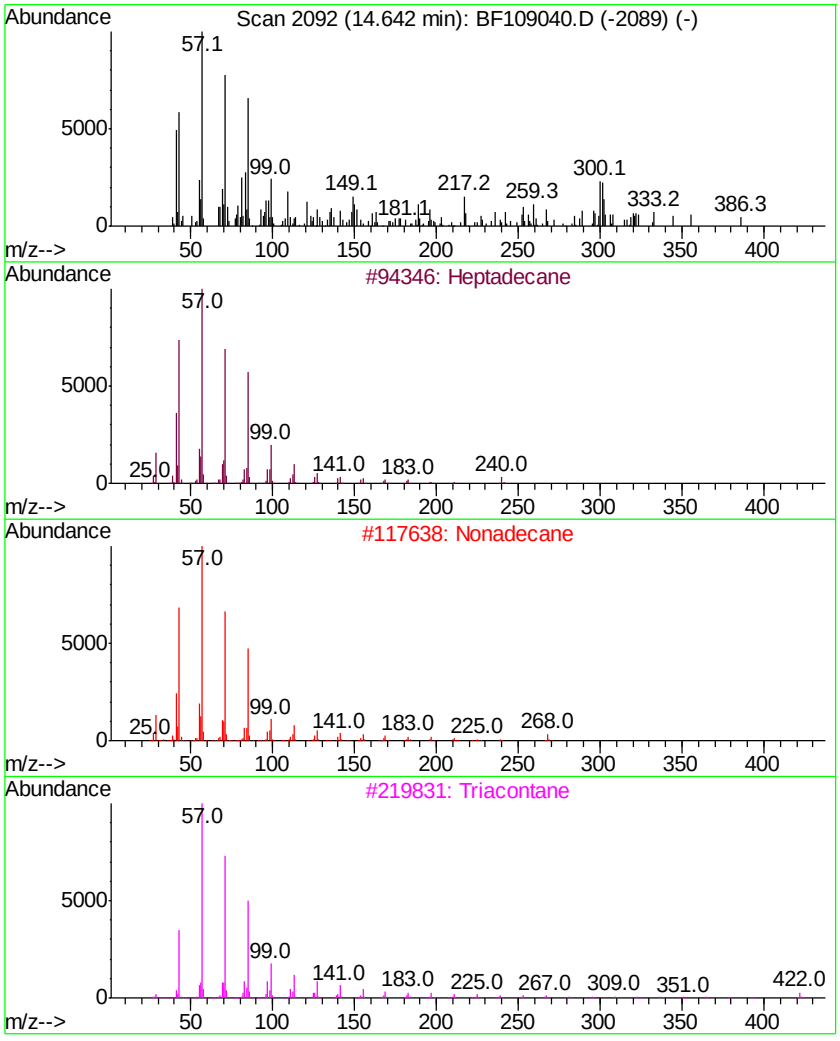
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

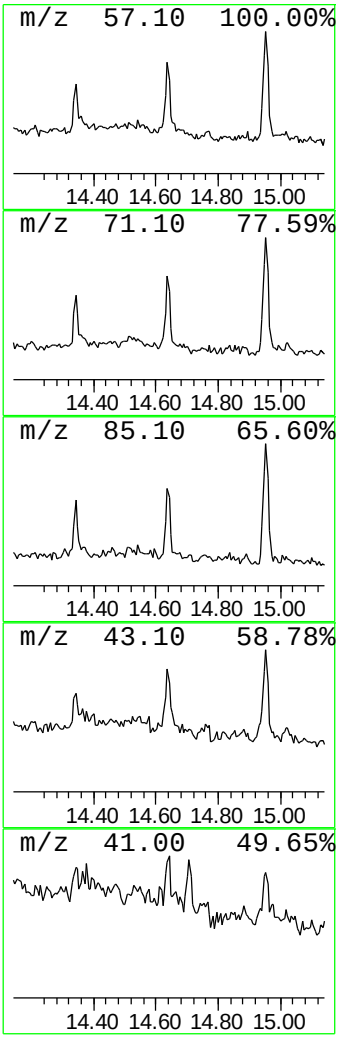
****

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.66 ng	119075	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Nonadecane	268	C19H40	000629-92-5	53
3	Triacontane	422	C30H62	000638-68-6	52
4	Heneicosane	296	C21H44	000629-94-7	52
5	Octadecane	254	C18H38	000593-45-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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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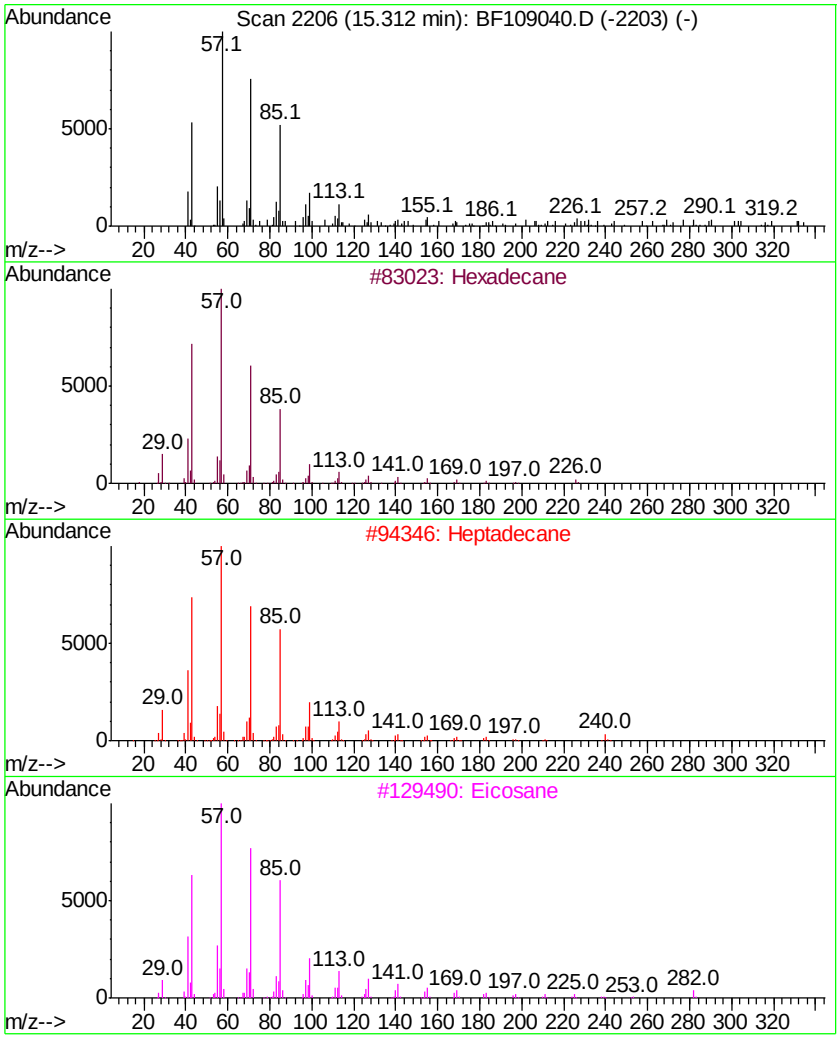
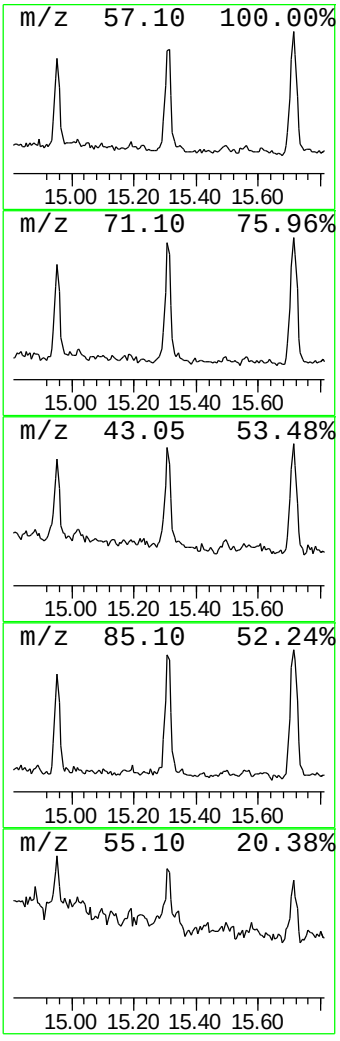
Peak Number 10 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	8.27 ng	268794	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	86
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
5	Heptacosane	380	C27H56	000593-49-7	76





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Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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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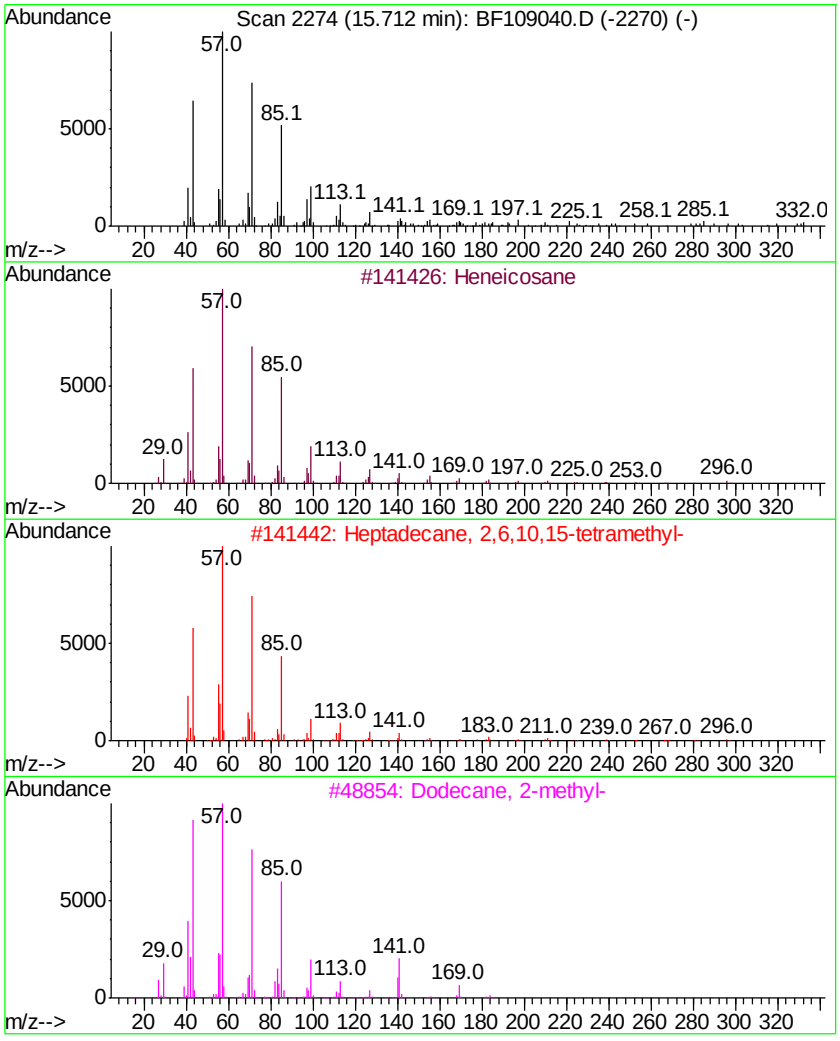
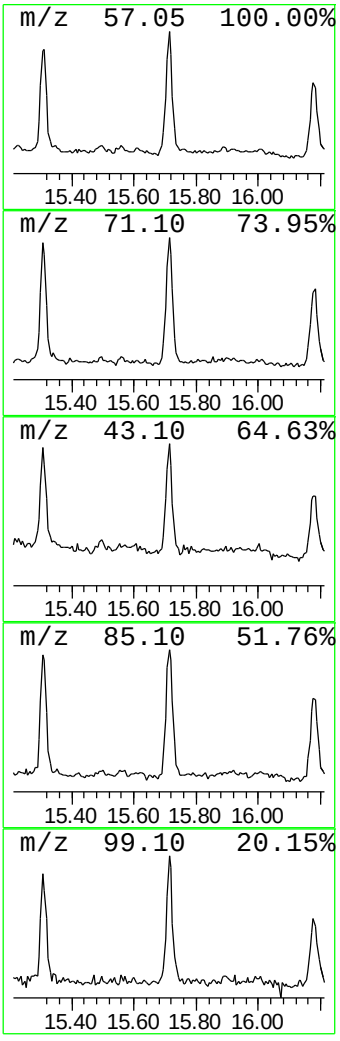
Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	4.91 ng	159489	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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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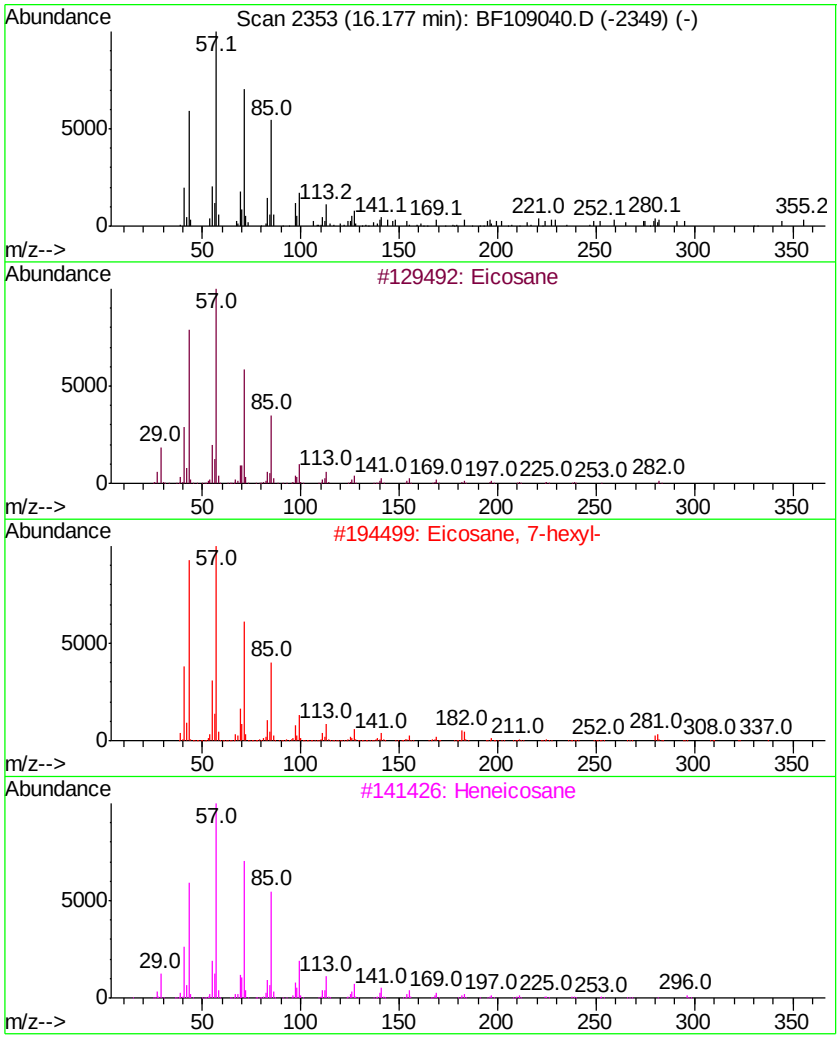
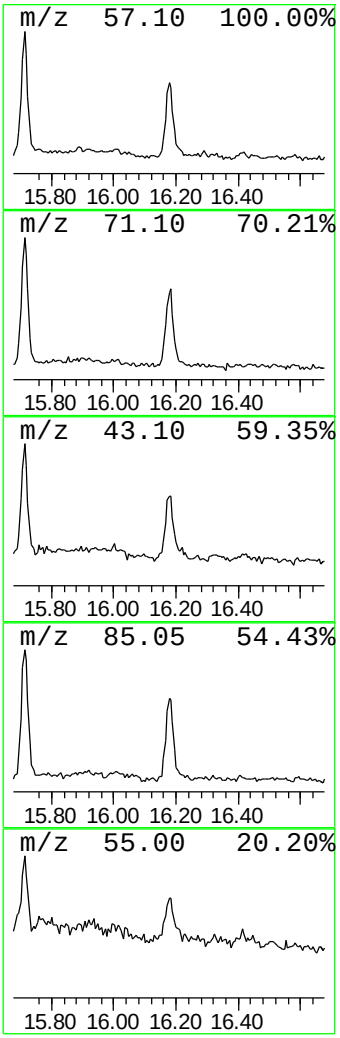
Peak Number 12 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.75 ng	154291	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109040.D
Acq On : 17 Sep 2018 11:36
Operator : JU/SJ
Sample : J4941-04 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB47198RT

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.48	6.48	21.5	ng	600451	1	6.72	559600	20.0
unknown9.87	9.87	2.1	ng	85469	3	9.75	800469	20.0
unknown10.44	10.44	2.9	ng	115236	3	9.75	800469	20.0
Octadecane, 1-iodo-	12.30	7.0	ng	238248	4	11.23	682377	20.0
unknown13.05	13.05	3.1	ng	132304	5	13.85	842021	20.0
m,p'-DDD	13.08	5.8	ng	244998	5	13.85	842021	20.0
Heptadecane	14.64	3.7	ng	119075	6	15.25	649818	20.0
Hexadecane	15.31	8.3	ng	268794	6	15.25	649818	20.0
Heneicosane	15.71	4.9	ng	159489	6	15.25	649818	20.0
Eicosane	16.18	4.8	ng	154291	6	15.25	649818	20.0