LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

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-BF080818.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	5.625	555	559	573	rBV	1250050	1204567	37.34%	3.561%
2	6.619	724	728	742	rBV	1329268	1306642	40.51%	3.862%
3	6.766	749	753	757	rBV	1504144	1281180	39.72%	3.787%
4	7.001	789	793	796	rBV	857444	774226	24.00%	2.288%
5	7.154	815	819	823	rBV	1234106	1009589	31.30%	2.984%
6	7.560	883	888	896	rBV	869318	806708	25.01%	2.385%
7	8.284	1007	1011	1014	rBV	1137468	921715	28.58%	2.724%
8	8.566	1055	1059	1062	rBV4	79482	92928	2.88%	0.275%
9	8.684	1072	1079	1082	rBV6	105072	202103	6.27%	0.597%
10	8.784	1093	1096	1099	rBV3	88890	88735	2.75%	0.262%
11	8.854	1103	1108	1110	rBV3	149127	177209	5.49%	0.524%
12	8.901	1113	1116	1118	rBV2	83261	90630	2.81%	0.268%
13	8.948	1121	1124	1127	rVV3	87530	98267	3.05%	0.290%
14	9.054	1139	1142	1144	rBV	128645	110493	3.43%	0.327%
15	9.101	1147	1150	1152	rBV3	131711	132818	4.12%	0.393%
16	9.225	1168	1171	1172	rBV2	98350	104299	3.23%	0.308%
17	9.289	1179	1182	1184	rVB	306198	252060	7.81%	0.745%
18	9.354	1188	1193	1197	rBV	1753692	1656234	51.35%	4.896%
19	9.401	1197	1201	1202	rBV3	131981	187972	5.83%	0.556%
20	9.425	1202	1205	1209	rBV3	450643	608923	18.88%	1.800%
21	9.507	1217	1219	1221	rVB	153190	110534	3.43%	0.327%
22	9.666	1243	1246	1251	rBV3	611905	880244	27.29%	2.602%
23	9.707	1251	1253	1257	rBV3	337595	494670	15.34%	1.462%
24	9.748	1257	1260	1263	rBV2	1110724	1080342	33.49%	3.193%
25	9.942	1290	1293	1294	rBV2	419852	445618	13.82%	1.317%
26	10.031	1305	1308	1309	rBV2	538111	519661	16.11%	1.536%
27	10.048	1309	1311	1313	rVB2	1008540	754969	23.41%	2.232%
28	10.078	1313	1316	1319	rBV4	350309	559418	17.34%	1.654%
29	10.360	1362	1364	1366	rBV3	476944	543005	16.83%	1.605%
30	10.460	1379	1381	1384	rVB3	660867	525023	16.28%	1.552%
31	10.495	1384	1387	1389	rBV	724428	805111	24.96%	2.380%
32	10.689	1416	1420	1426	rVB	1729402	2068855	64.14%	6.115%
33	10.842	1444	1446	1450	rBV2	629713	825470	25.59%	2.440%
34	10.960	1462	1466	1468	rVB	2496565	2490427	77.21%	7.361%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.425	1542	1545	1548	rBV	3204641	3225530	100.00%	9.534%
36	11.777	1602	1605	1607	rBV	1042257	1048472	32.51%	3.099%
37	12.507	1727	1729	1732	rVB	779834	777186	24.09%	2.297%
38	13.101	1828	1830	1833	rBV	698907	805751	24.98%	2.382%
39	13.136	1834	1836	1842	rVB	1233909	1218235	37.77%	3.601%
40	14.201	2014	2017	2020	rVB2	729494	739497	22.93%	2.186%
41	14.630	2086	2090	2095	rVB	1162334	1263656	39.18%	3.735%
42	15.283	2198	2201	2204	rBV	159700	215736	6.69%	0.638%
43	15.613	2254	2257	2263	rVB	135079	195789	6.07%	0.579%
44	15.677	2265	2268	2273	rVB	164289	218939	6.79%	0.647%
45	15.748	2276	2280	2284	rVB	476186	626590	19.43%	1.852%
46	17.936	2646	2652	2659	rVB2	124004	285144	8.84%	0.843%

Sum of corrected areas: 33831170

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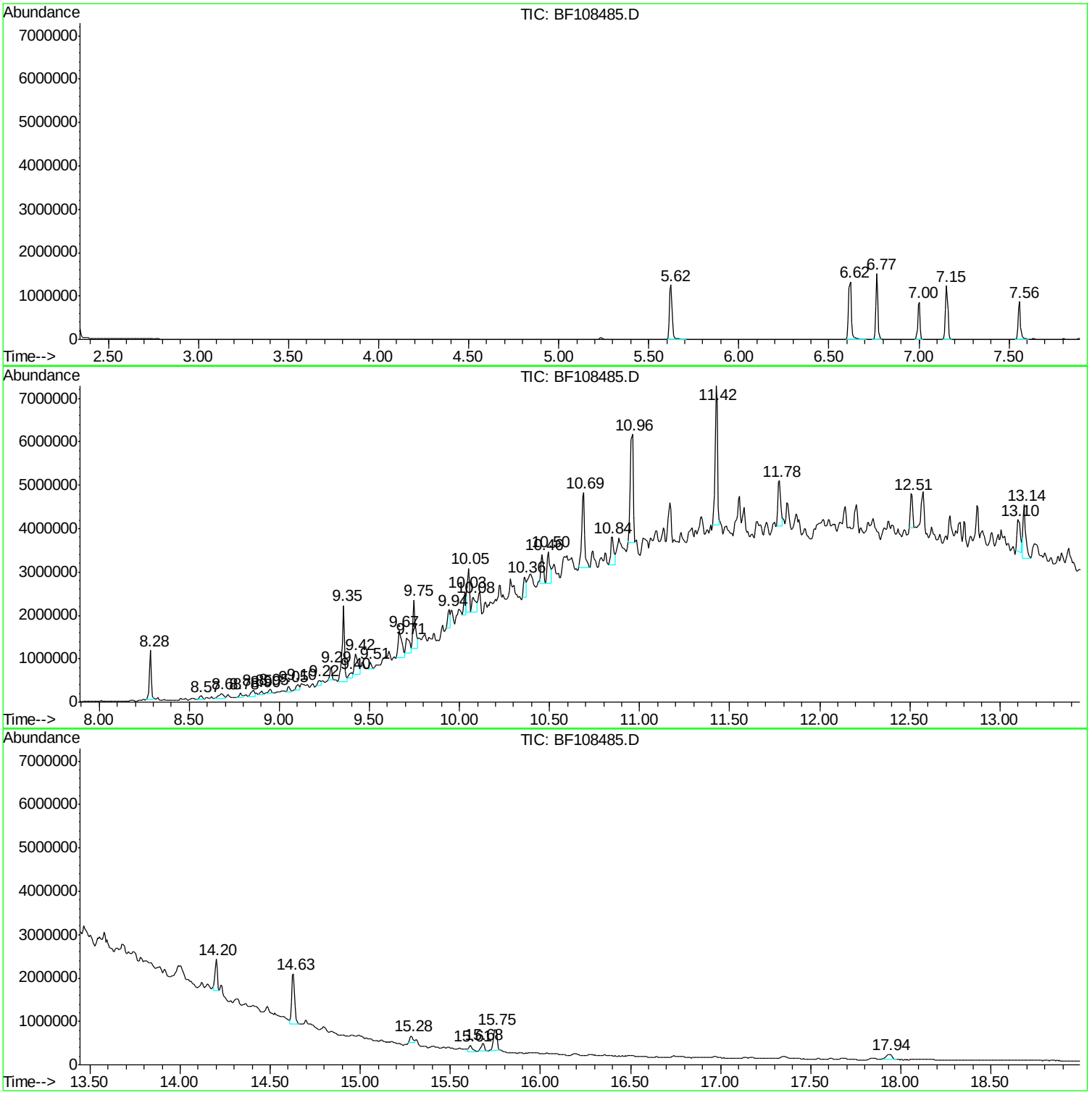
Instrument :
BNA_F
ClientSampleId :
RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

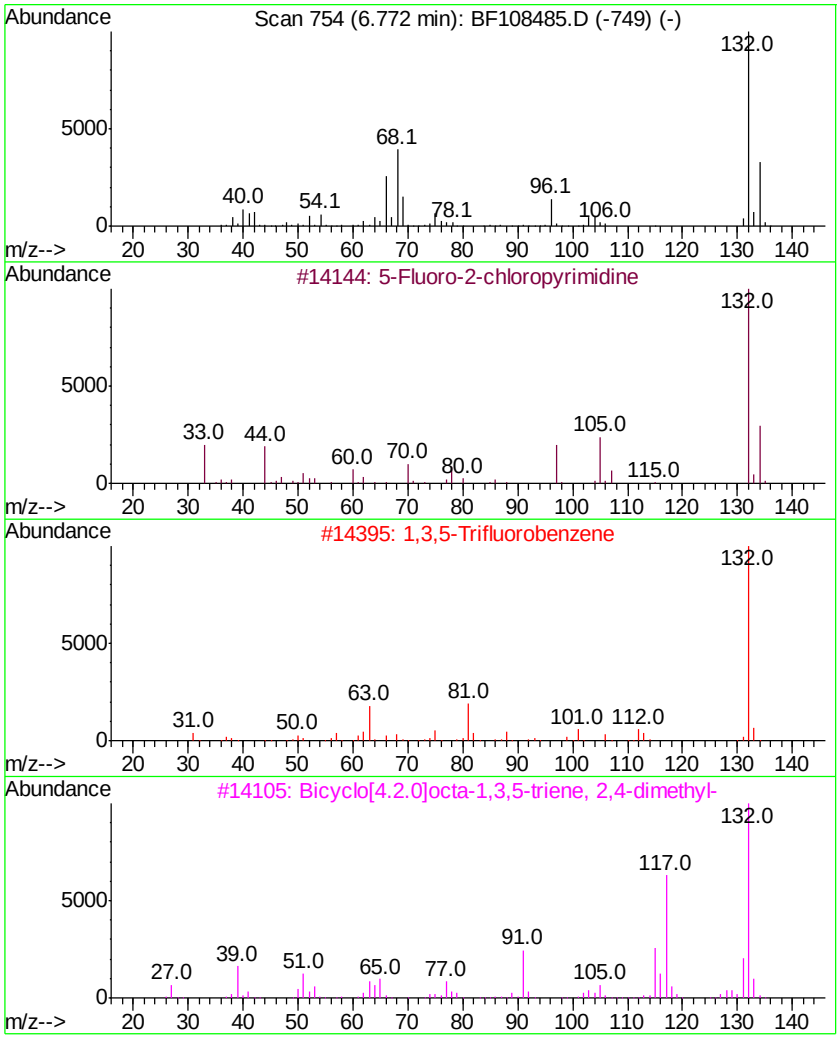
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

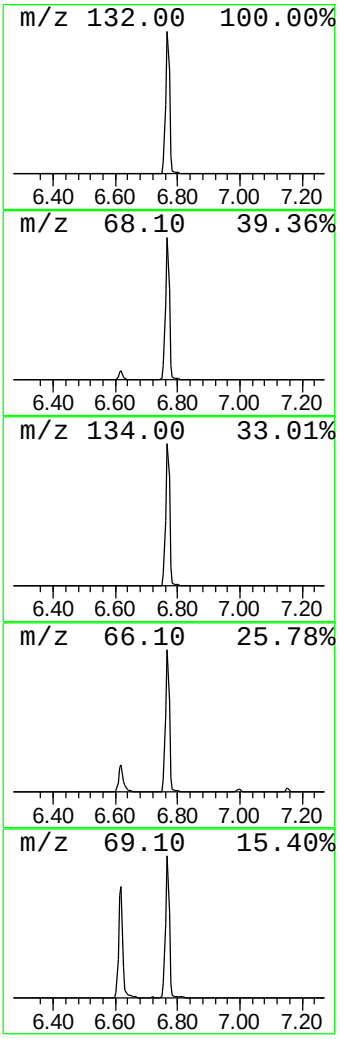
****

Peak Number 1 unknown6.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	33.10 ng	1281180	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

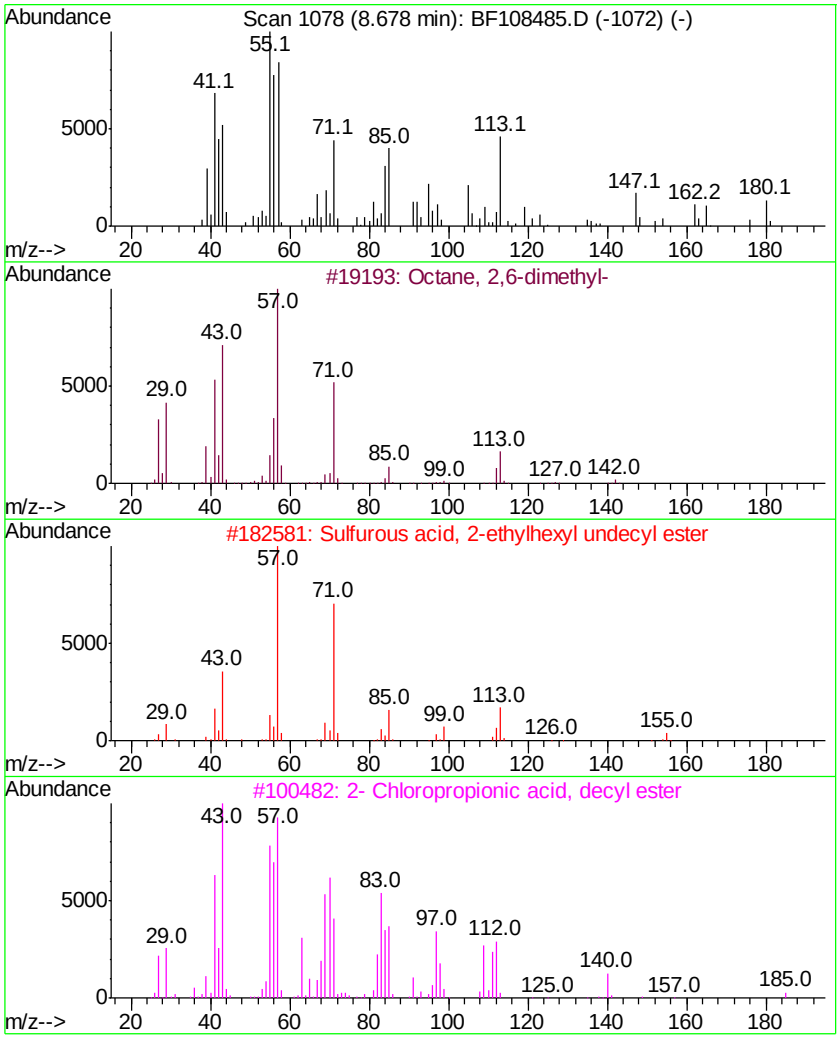
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

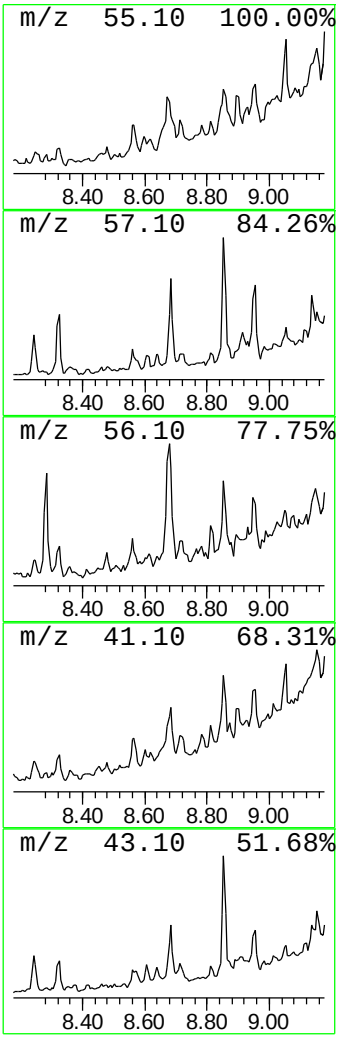
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	4.39 ng	202103	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	38
3	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	35
4	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	35
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	35





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Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

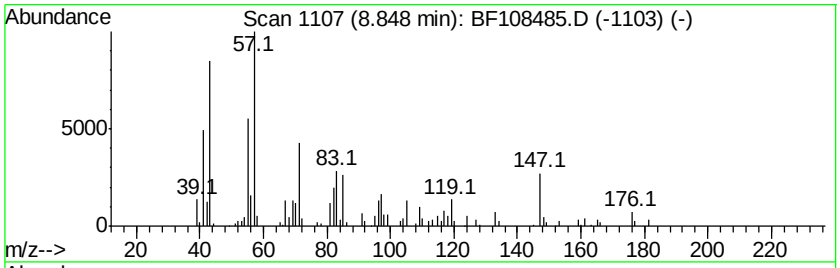
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

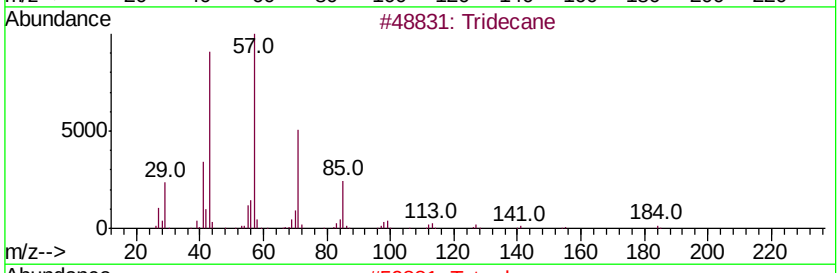
****

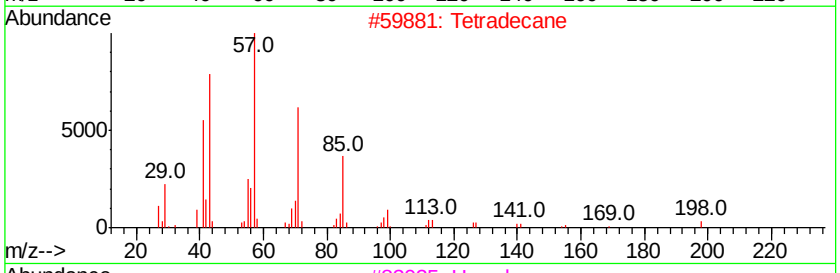
Peak Number 4 Tridecane Concentration Rank 19

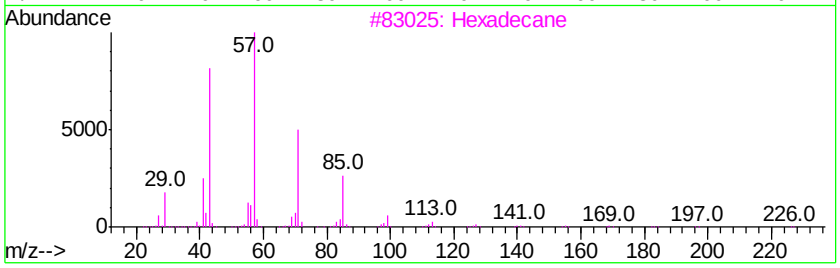
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	3.85 ng	177209	Naphthalene-d8	8.28

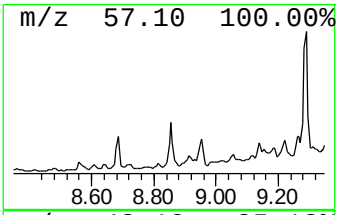
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	52
2	Tetradecane	198	C14H30	000629-59-4	52
3	Hexadecane	226	C16H34	000544-76-3	52
4	Dodecane	170	C12H26	000112-40-3	50
5	Undecane	156	C11H24	001120-21-4	50

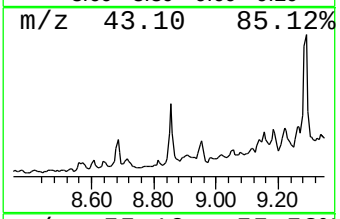


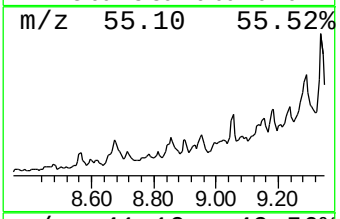


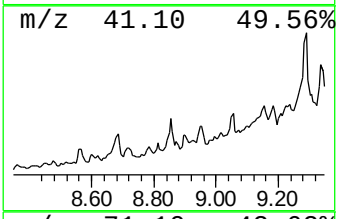


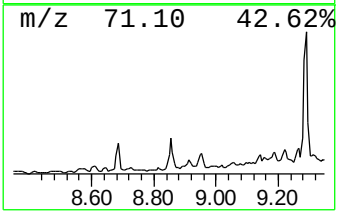












Library Search Compound Report

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Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

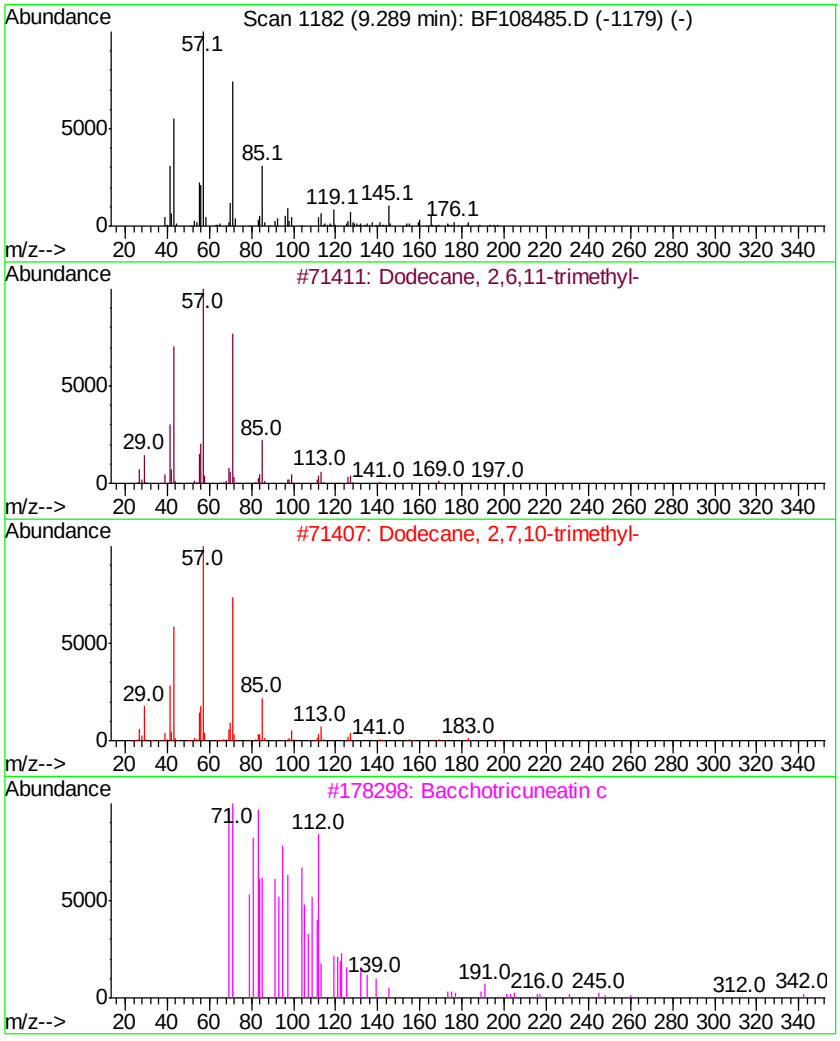
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

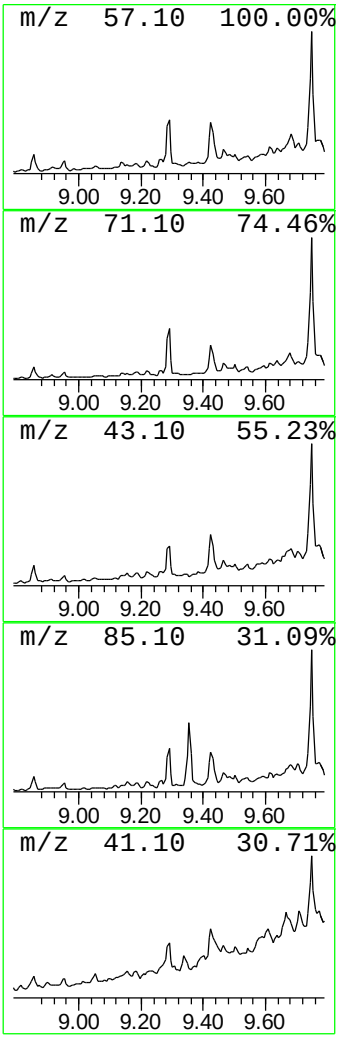
****

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	6.68 ng	252060	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	74
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53





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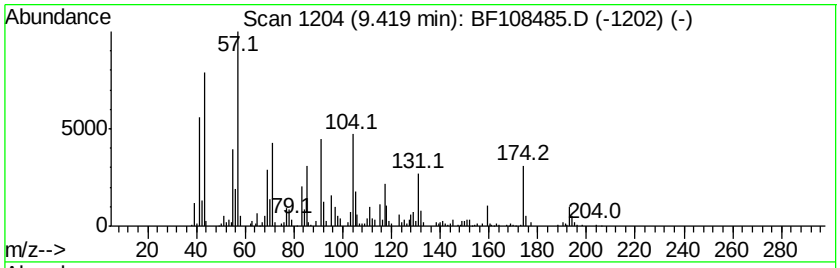
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

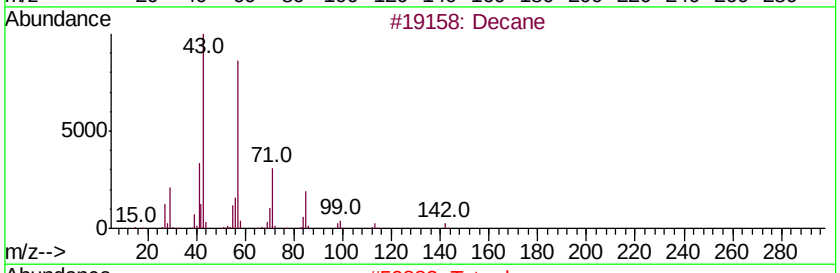
****

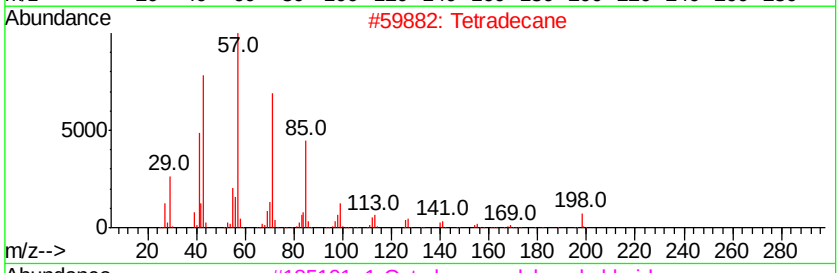
Peak Number 6 Decane Concentration Rank 8

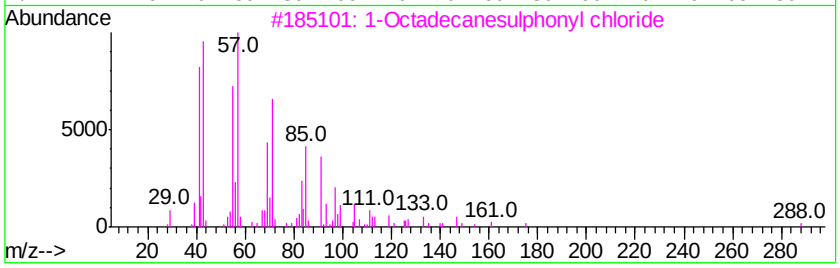
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	16.13 ng	608923	Acenaphthene-d10	10.05

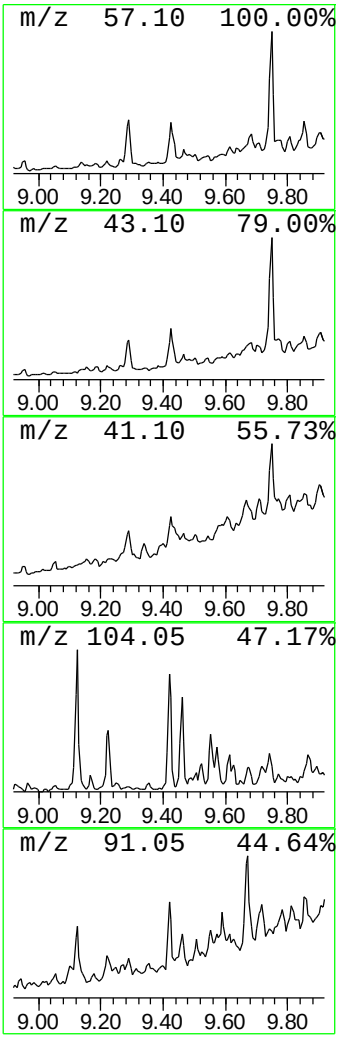
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	47
2	Tetradecane	198	C14H30	000629-59-4	42
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	35
4	Hexadecane	226	C16H34	000544-76-3	30
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	30











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Instrument : BNA_F
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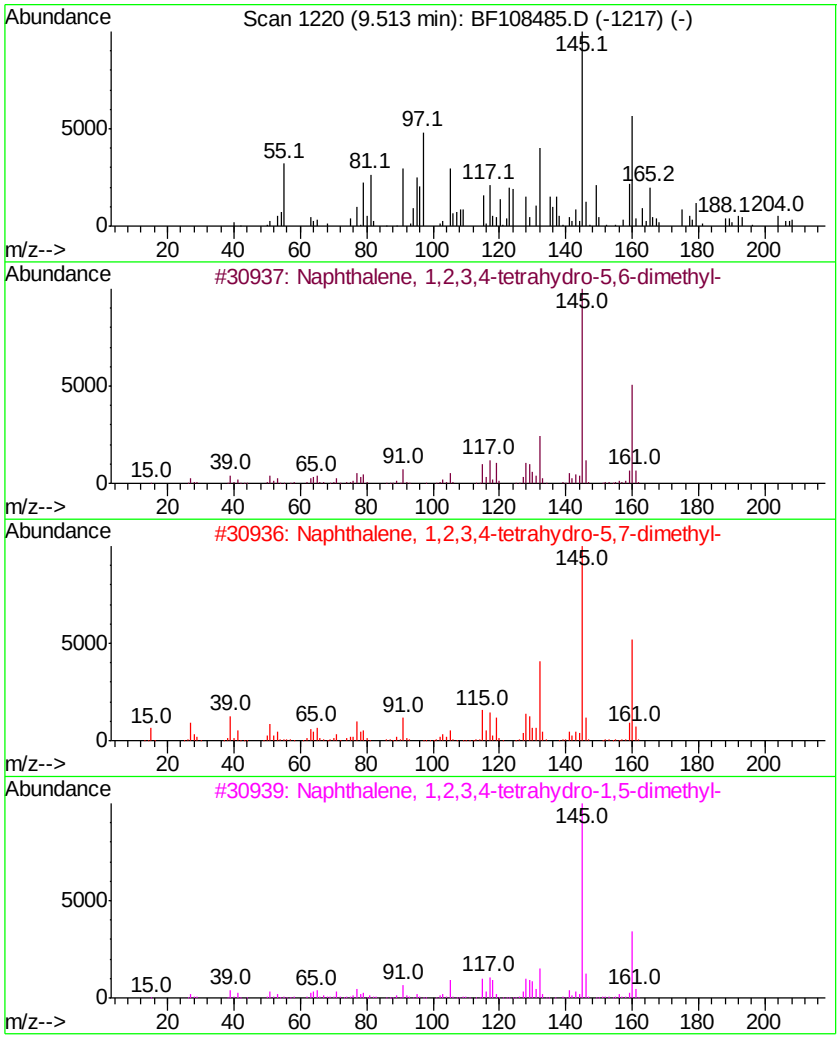
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

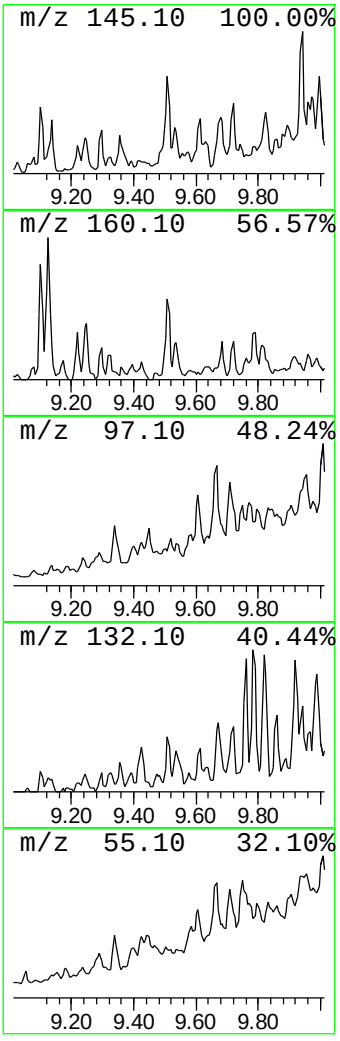
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.93 ng	110534	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60





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Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

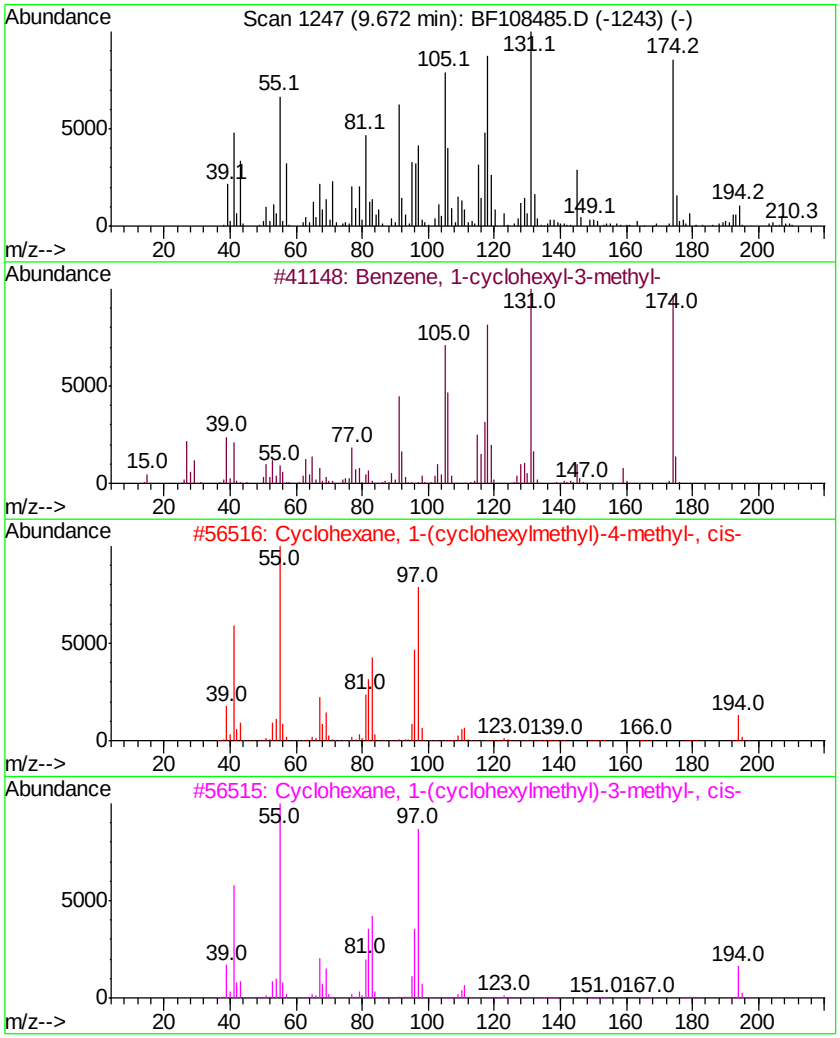
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

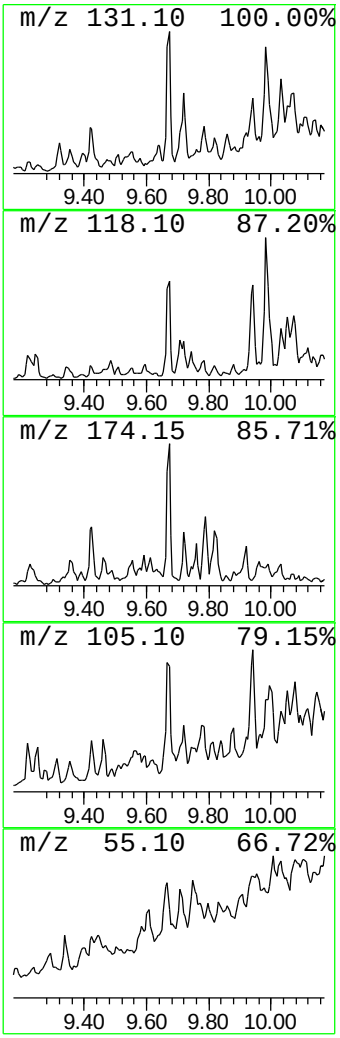
****

Peak Number 8 Benzene, 1-cyclohexyl-3-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	23.32 ng	880244	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	89
2	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	38
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	30
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-95-9	25
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	22





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Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

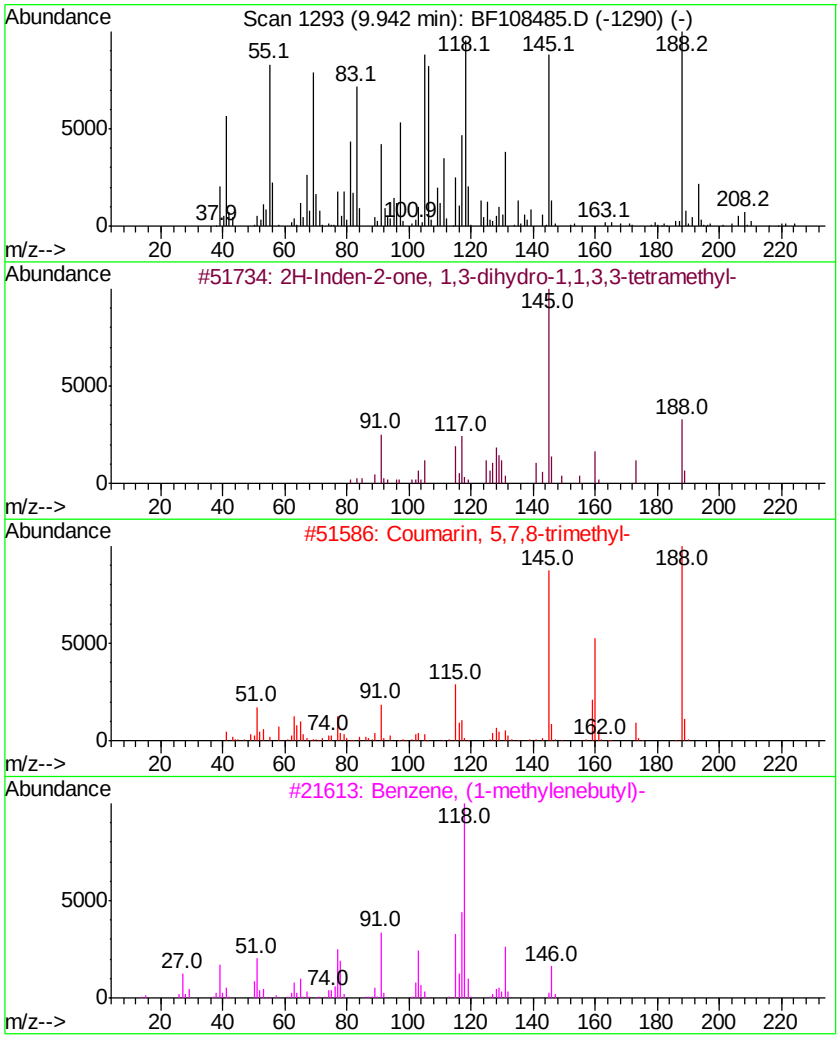
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

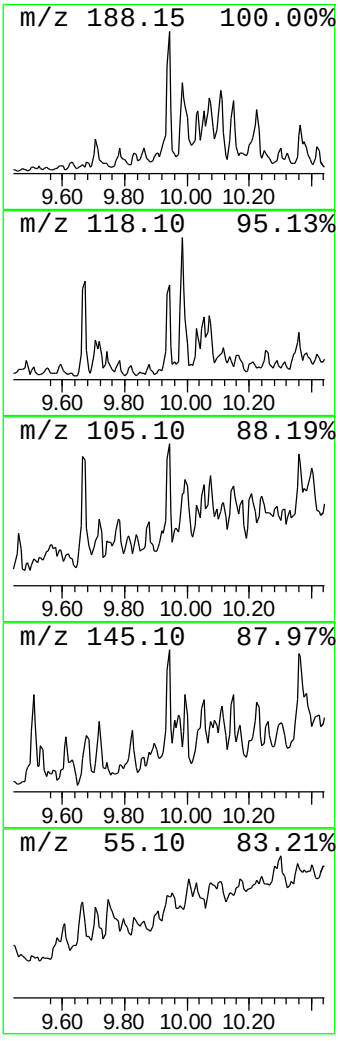
****

Peak Number 9 unknown9.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	11.80 ng	445618	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,3-dihydro-1,1,...	188	C13H16O	005689-12-3	27
2	Coumarin, 5,7,8-trimethyl-	188	C12H12O2	040662-19-9	20
3	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	15
4	Benzene, 1-(1-methyl-2-propenyl)...	188	C14H20	057438-46-7	14
5	2,3-Dihydro-4,7-dimethyl-1H-1,5-...	188	C11H12N2O	036743-75-6	14





Library Search Compound Report

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Sample : J4612-01 2X
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Instrument : BNA_F
ClientSampleId : RBR200028

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

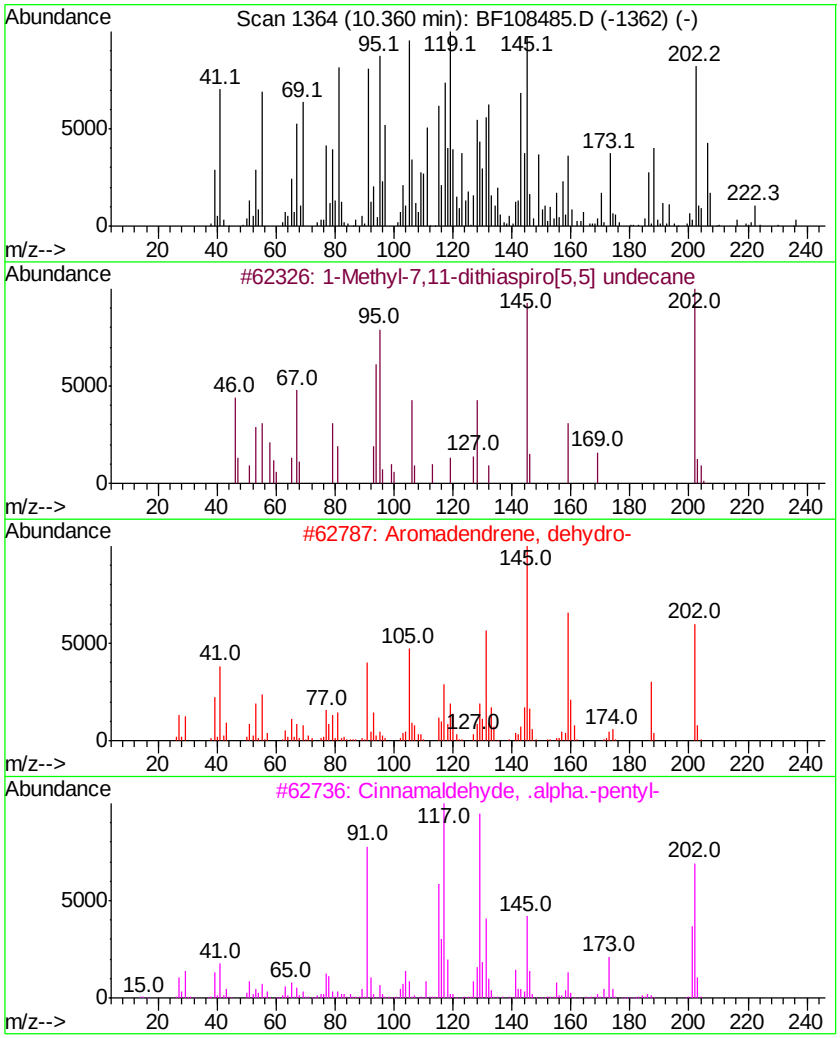
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

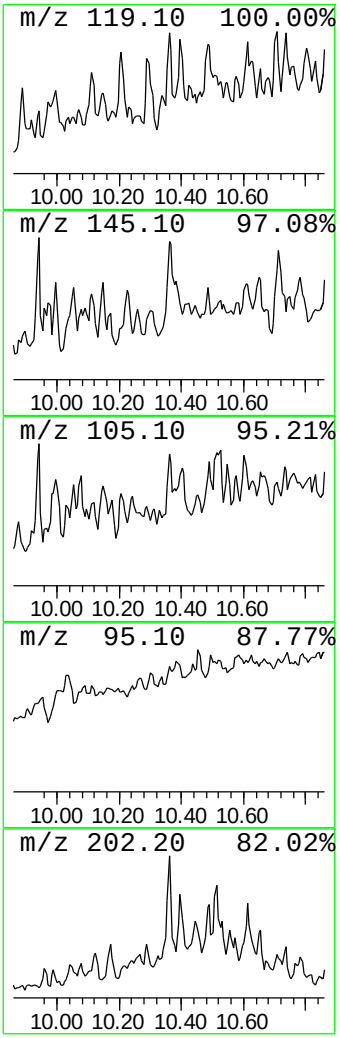
****

Peak Number 10 1-Methyl-7,11-dithiaspiro[5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	14.38 ng	543005	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	59
2	Aromadendrene, dehydro-	202	C15H22	1000156-12-5	38
3	Cinnamaldehyde, .alpha.-pentyl-	202	C14H18O	000122-40-7	30
4	2-Phenyl-2,4-octadienol	202	C14H18O	1000131-83-7	25
5	Disiloxane, 1-ethenyl-1,1,3,3-te...	160	C6H16OSi2	055967-52-7	22





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Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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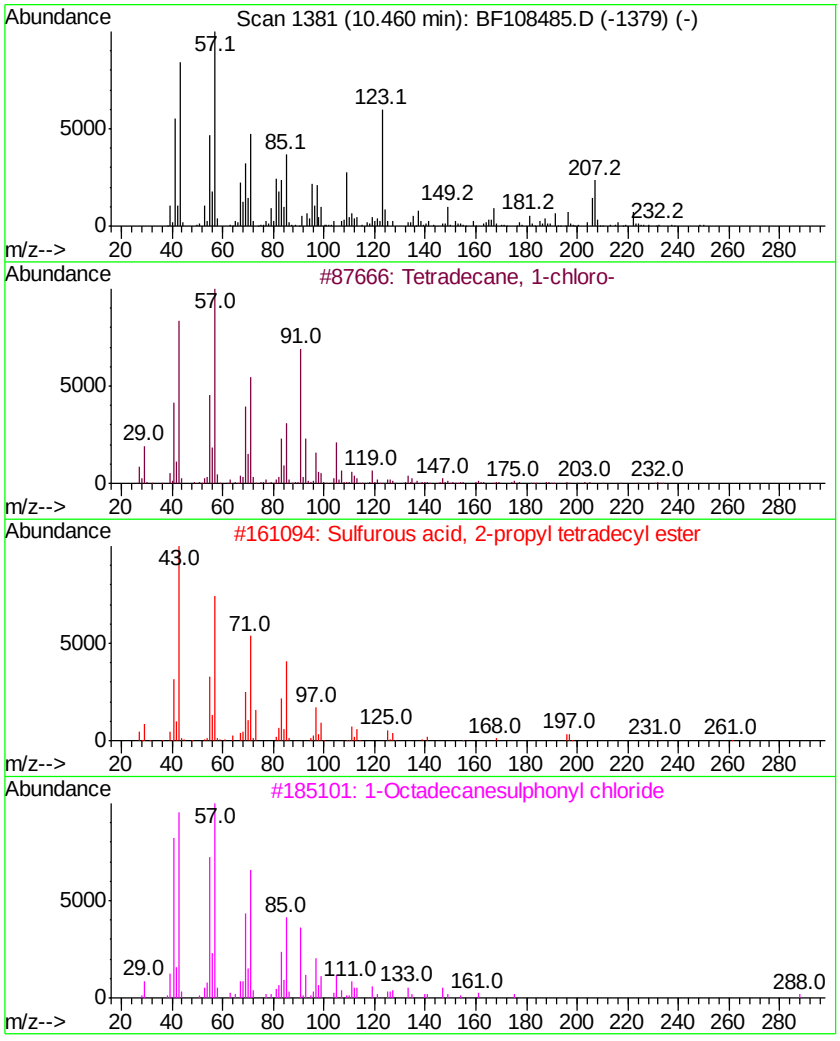
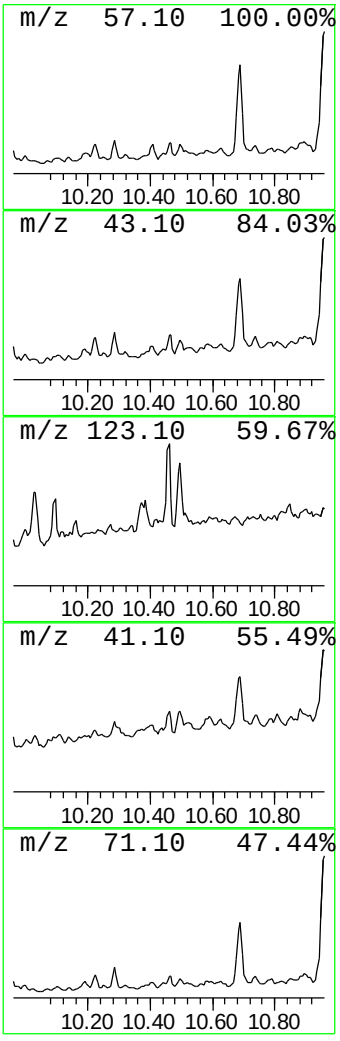
Peak Number 11 unknown10.46 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	13.91 ng	525023	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	30
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	20
5	Hexatriacontane	507	C36H74	000630-06-8	18





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Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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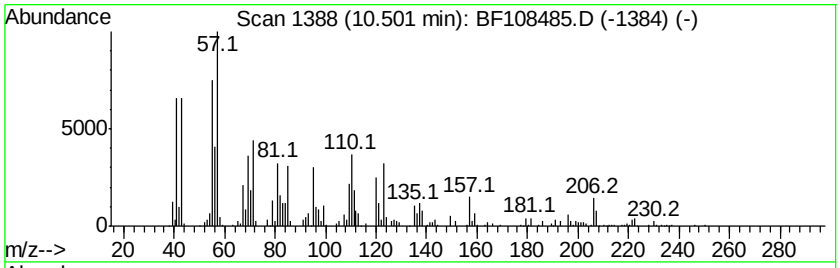
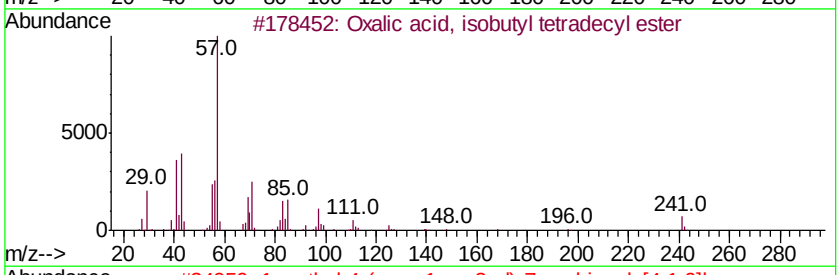
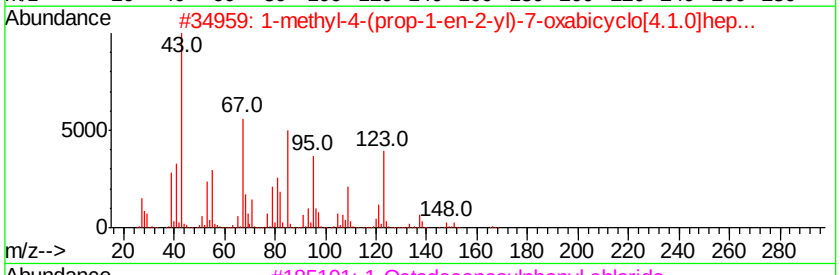
Peak Number 12 unknown10.50 Concentration Rank 6

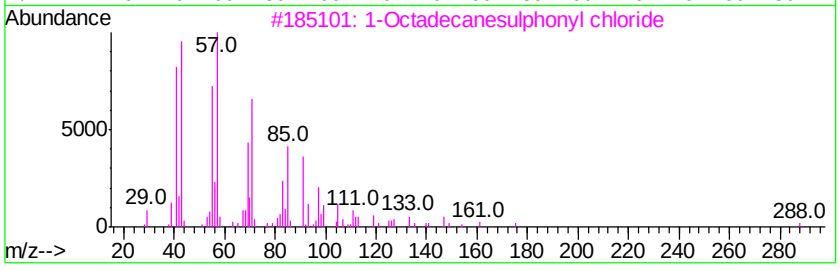
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	21.33 ng	805111	Acenaphthene-d10	10.05

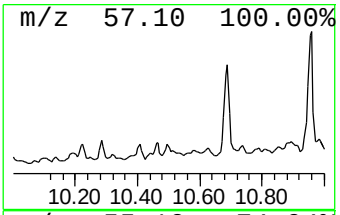
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	38
2	1-methyl-4-(prop-1-en-2-yl)-7-ox...	166	C10H14O2	1000365-66-7	30
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	18
4	3-Fluorobenzoic acid, dodec-9-yn...	304	C19H25FO2	1000283-01-6	18
5	Decane	142	C10H22	000124-18-5	18

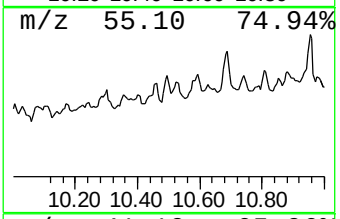


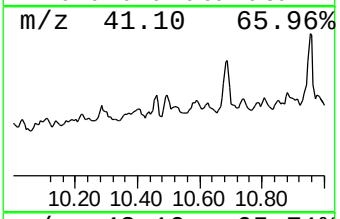


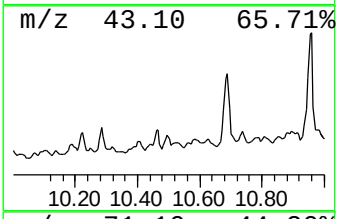


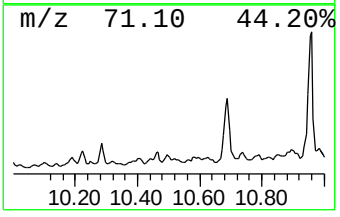












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Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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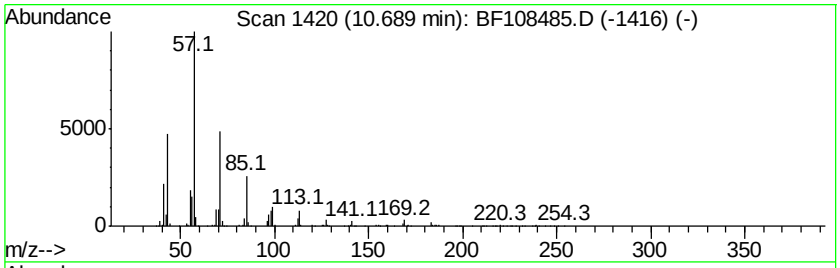
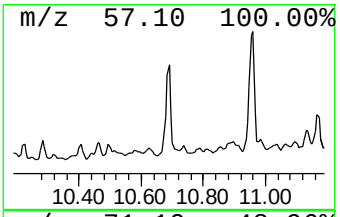
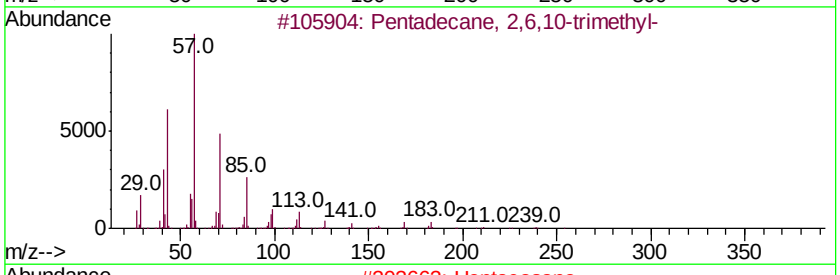
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

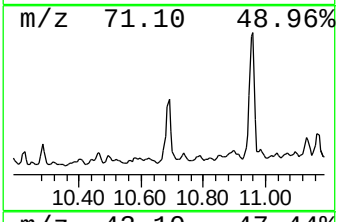
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	54.81 ng	2068860	Acenaphthene-d10	10.05

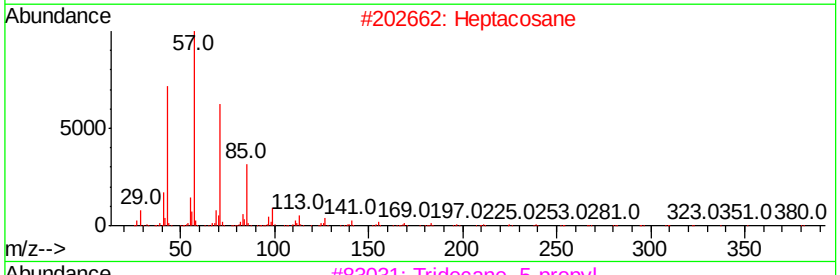
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
5	Hexadecane	226	C16H34	000544-76-3	86

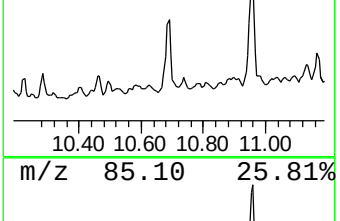


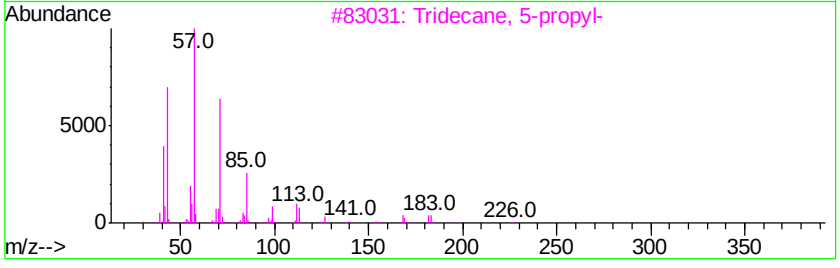


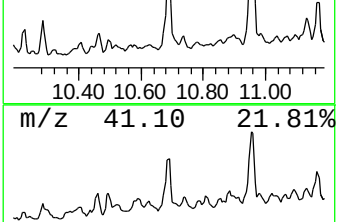












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Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

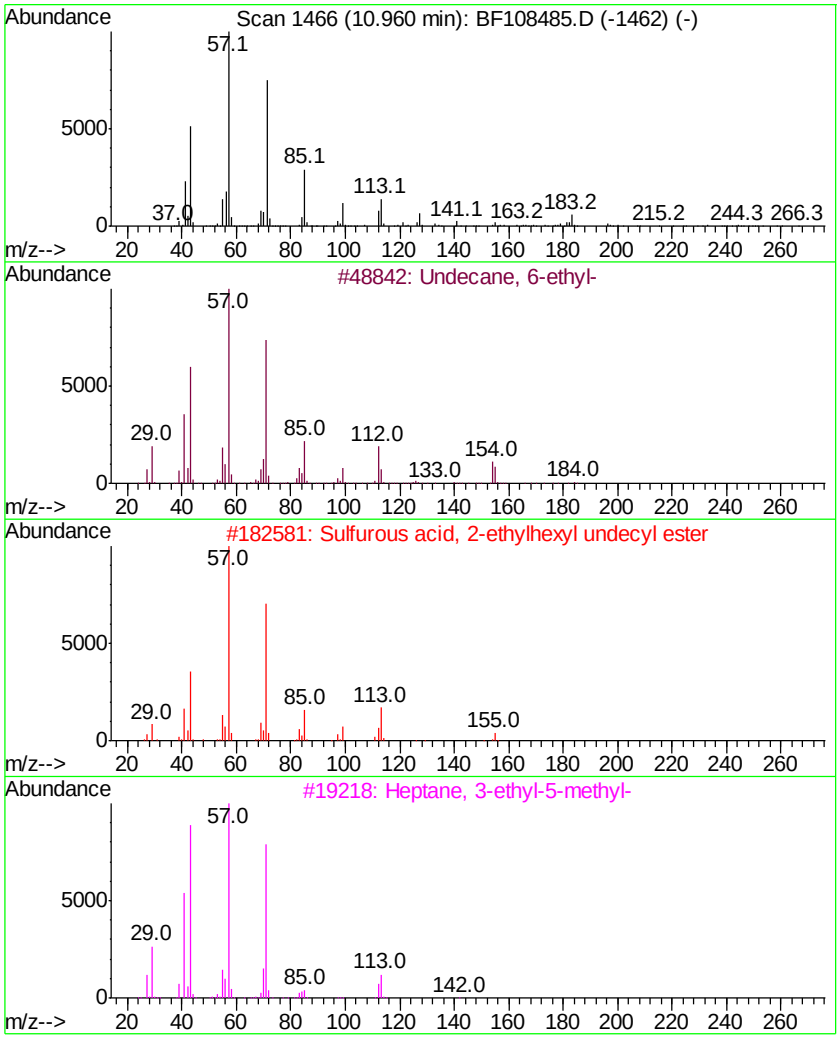
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

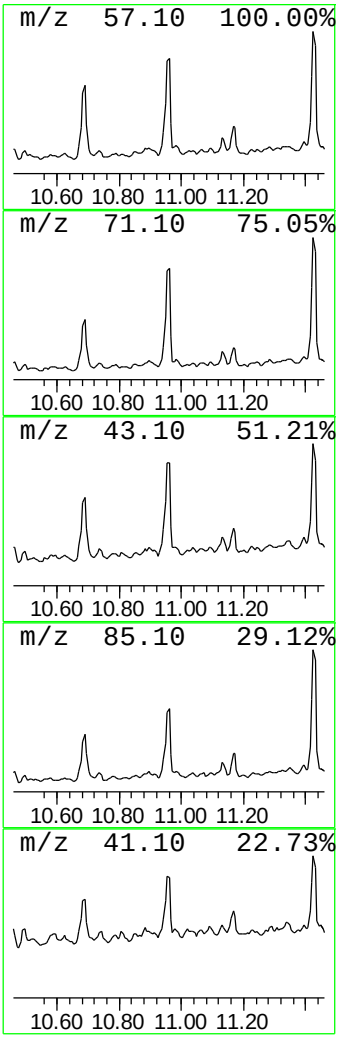
****

Peak Number 14 Undecane, 6-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	15.44 ng	2490430	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	68
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





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ClientSampleId : RBR200028

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TIC Integration Parameters: LSCINT.P

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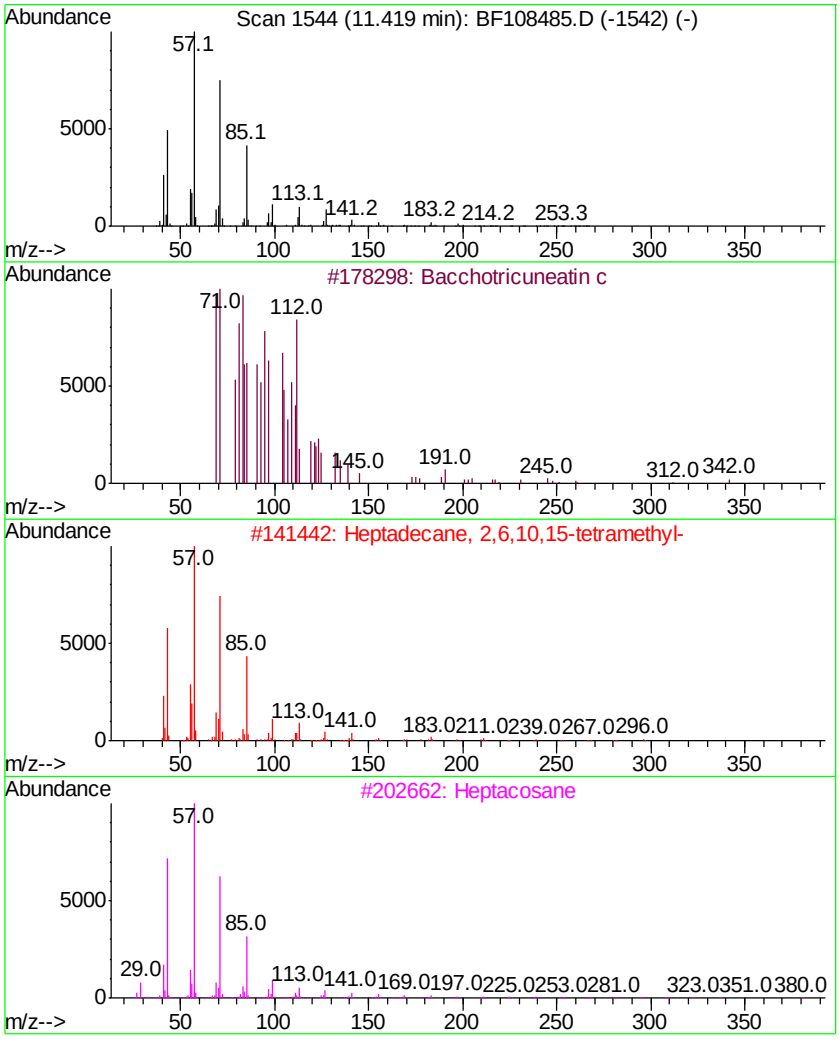
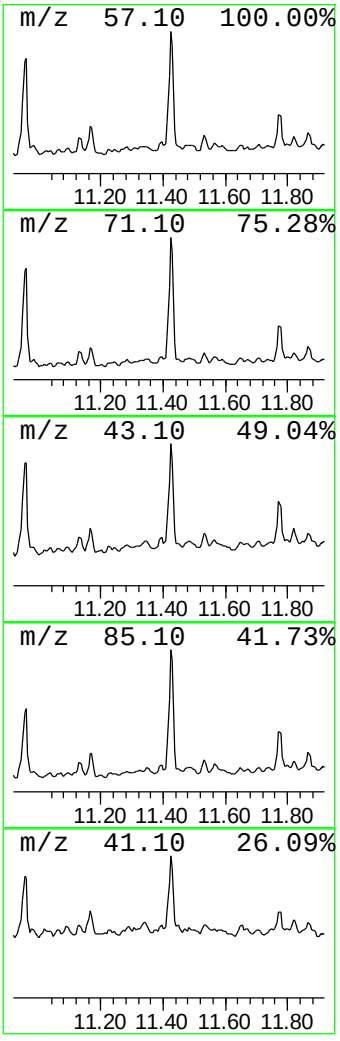
Peak Number 15 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	20.00 ng	3225530	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Heptadecane	240	C17H36	000629-78-7	83





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

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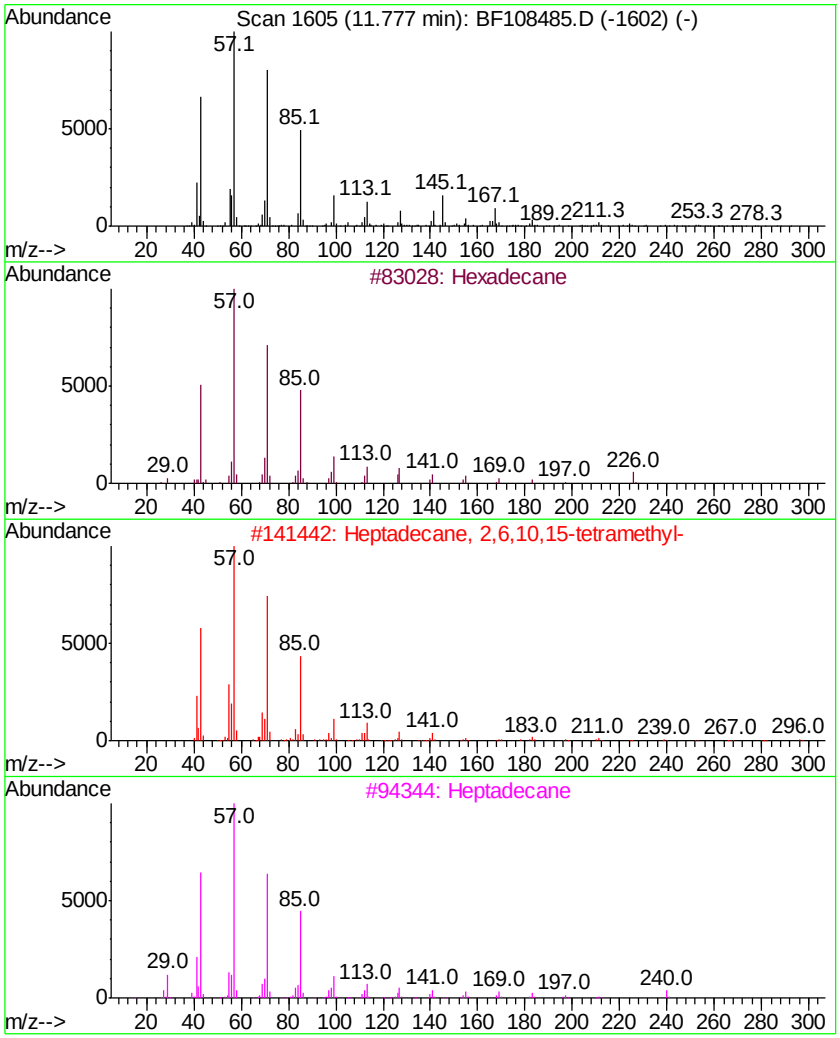
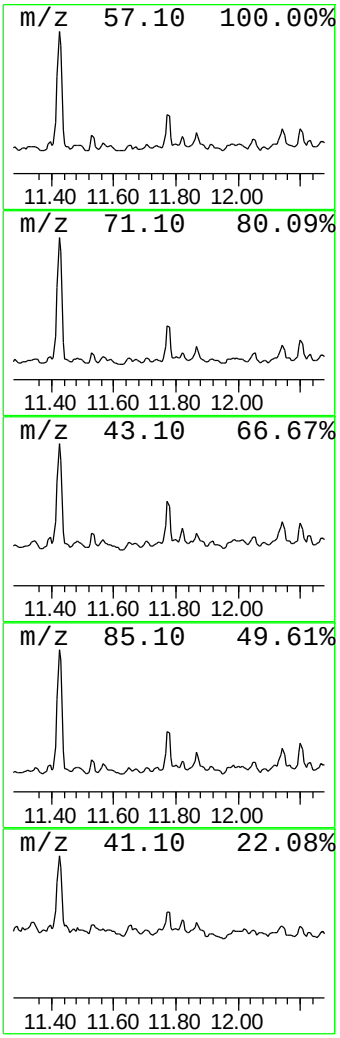
Peak Number 16 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.50 ng	1048470	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Hentriacontane	437	C31H64	000630-04-6	80





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Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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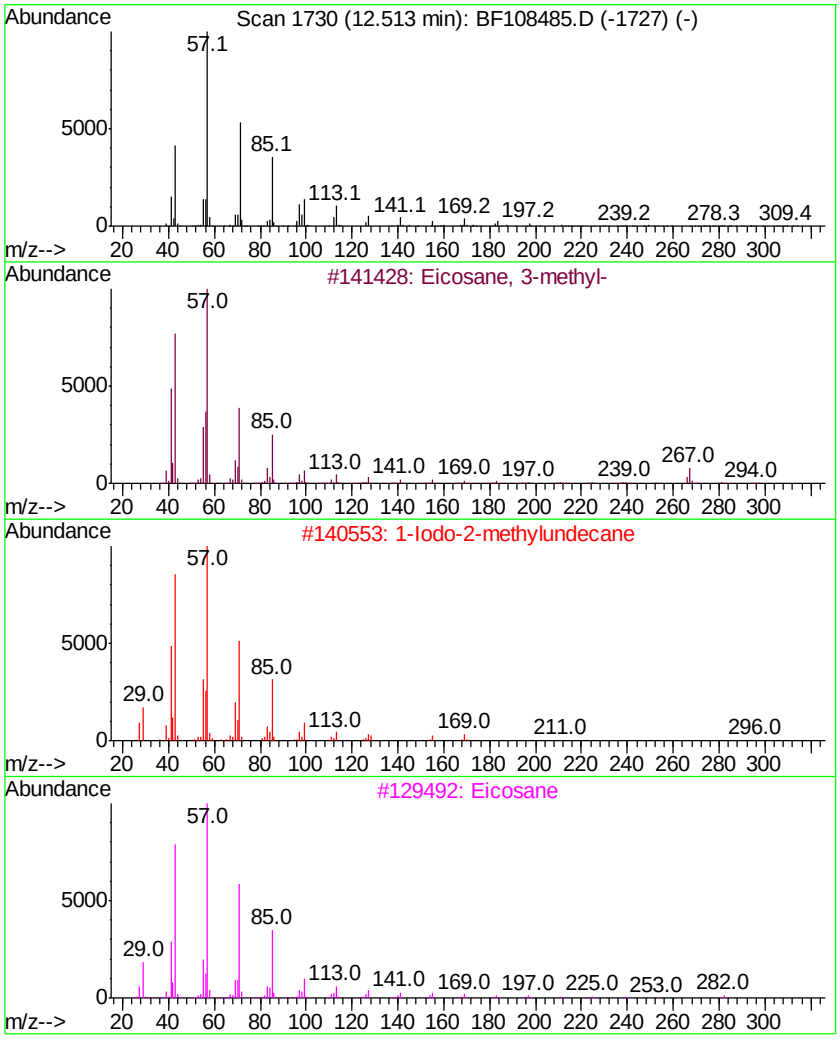
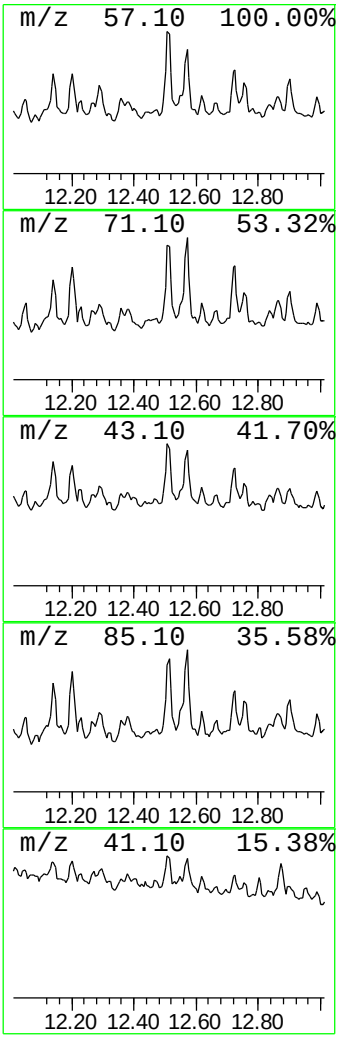
Peak Number 17 Eicosane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.82 ng	777186	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	87
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Library Search Compound Report

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Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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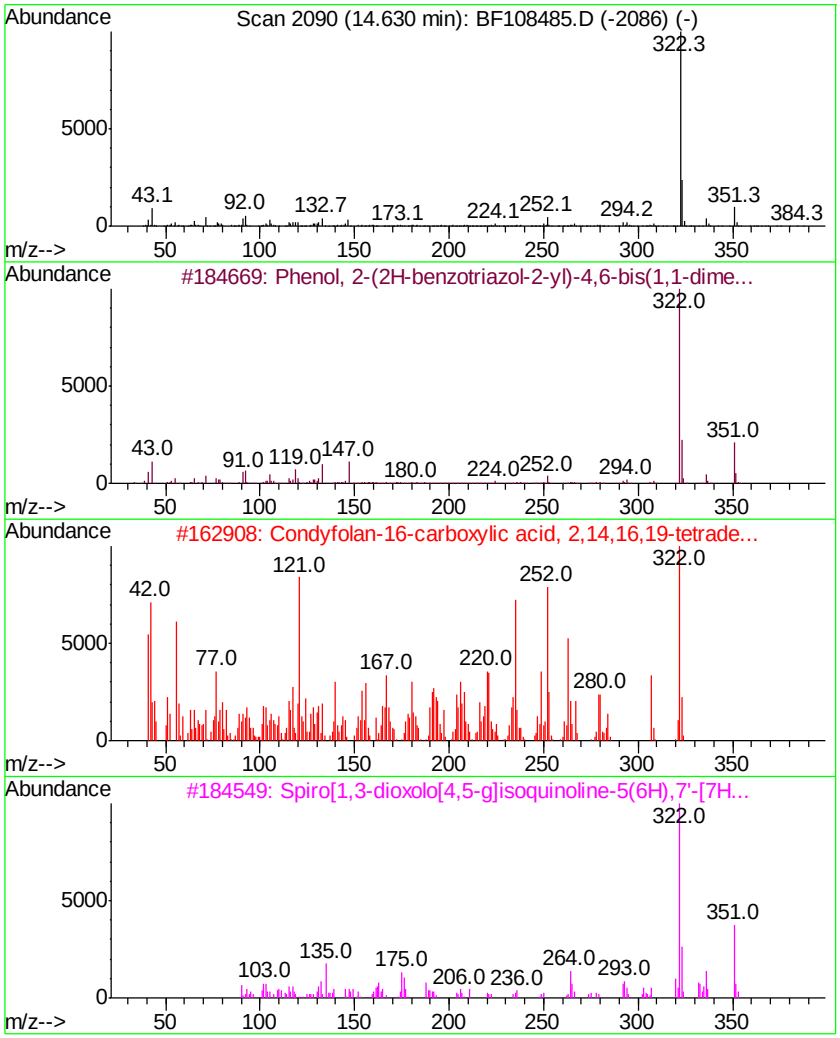
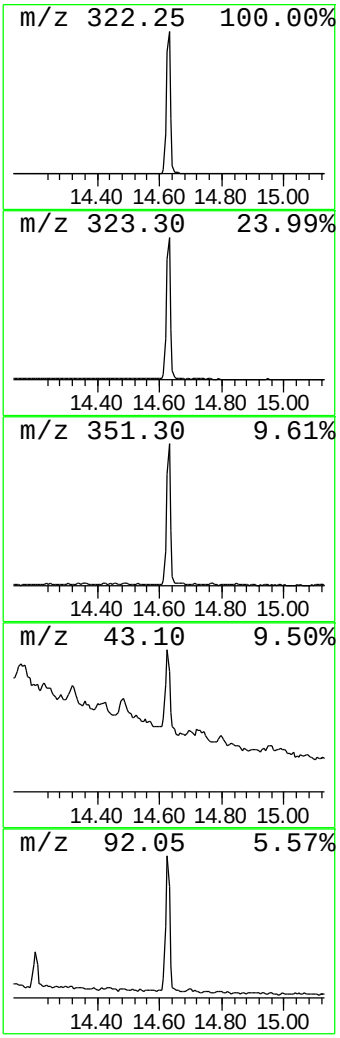
Peak Number 18 Phenol, 2-(2H-benzotriazol-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	34.18 ng	1263660	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	53
2	Condyfolan-16-carboxylic acid, 2...	322	C20H22N2O2	004939-81-5	50
3	Spiro[1,3-dioxolo[4,5-glisoquino...	351	C20H17NO5	020411-03-4	40
4	4-(1-Indolinyl)-2-phenylquinoline	322	C23H18N2	1000326-78-8	38
5	Pyrazole-4-carboxylic acid, 3-(1...	322	C20H22N2O2	1000272-86-5	38





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Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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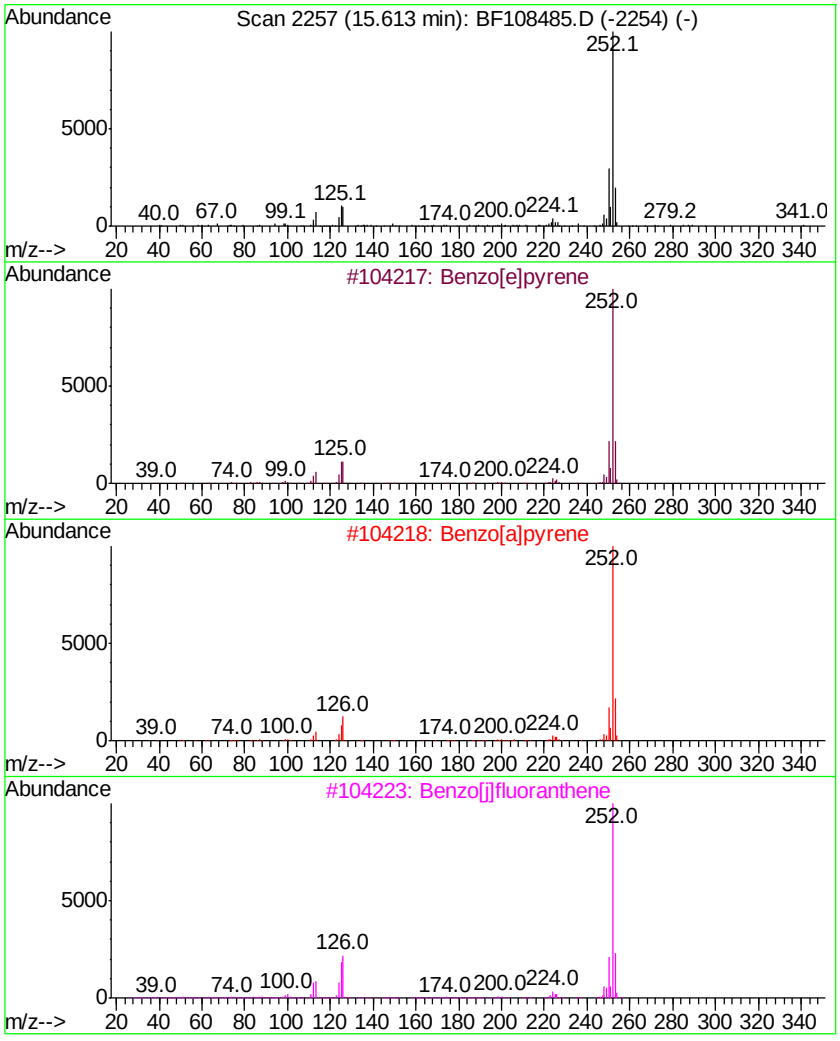
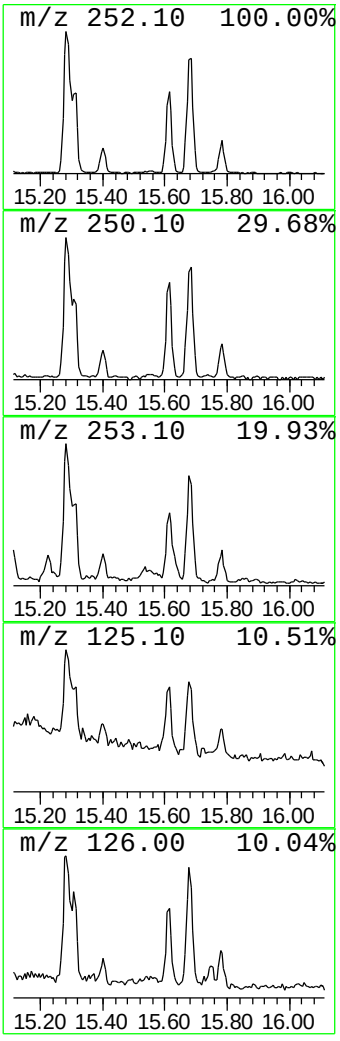
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	6.25 ng	195789	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Library Search Compound Report

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Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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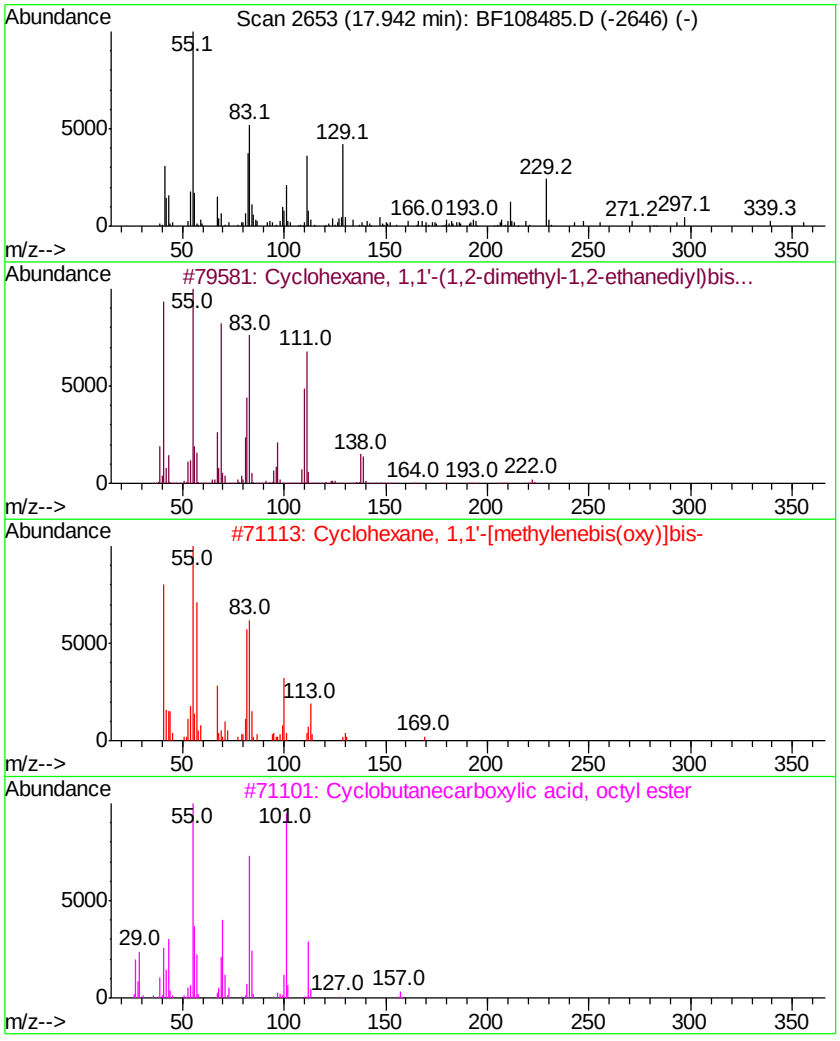
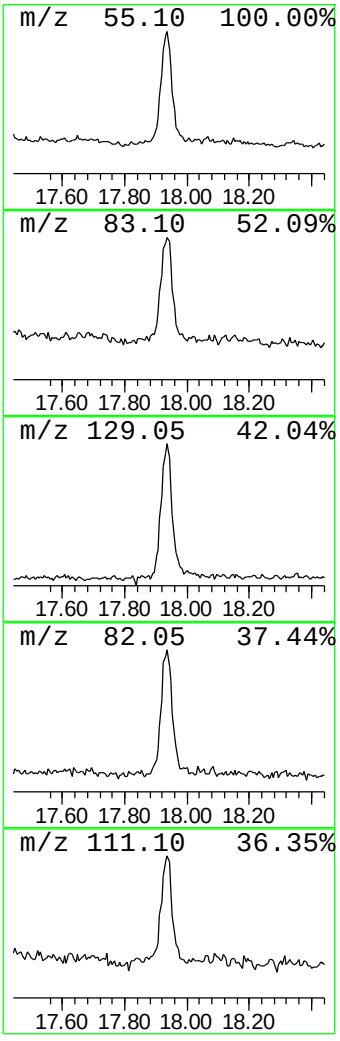
Peak Number 20 unknown17.94 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	9.10 ng	285144	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	27
2	Cyclohexane, 1,1'-[methylenebis(...	212	C13H24O2	001453-21-0	16
3	Cyclobutanecarboxylic acid, octy...	212	C13H24O2	1000280-40-5	12
4	Cyclobutanecarboxylic acid, 2-te...	296	C19H36O2	1000280-57-8	12
5	cis-1,2-Cyclododecanediol	200	C12H24O2	004422-05-3	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108485.D
Acq On : 25 Aug 2018 1:12
Operator : JU/SJ
Sample : J4612-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.77	6.77	33.1	ng	1281180	1	7.00	774226	20.0
Octane, 2,6-dimet...	8.68	4.4	ng	202103	2	8.28	921715	20.0
Tridecane	8.85	3.9	ng	177209	2	8.28	921715	20.0
Dodecane, 2,6,11-...	9.29	6.7	ng	252060	3	10.05	754969	20.0
Decane	9.42	16.1	ng	608923	3	10.05	754969	20.0
Naphthalene, 1,2,...	9.51	2.9	ng	110534	3	10.05	754969	20.0
Benzene, 1-cycloh...	9.67	23.3	ng	880244	3	10.05	754969	20.0
unknown9.94	9.94	11.8	ng	445618	3	10.05	754969	20.0
1-Methyl-7,11-dit...	10.36	14.4	ng	543005	3	10.05	754969	20.0
unknown10.46	10.46	13.9	ng	525023	3	10.05	754969	20.0
unknown10.50	10.50	21.3	ng	805111	3	10.05	754969	20.0
Pentadecane, 2,6,...	10.69	54.8	ng	2068860	3	10.05	754969	20.0
Undecane, 6-ethyl-	10.96	15.4	ng	2490430	4	11.55	3225530	20.0
Bacchotricuneatin c	11.42	20.0	ng	3225530	4	11.55	3225530	20.0
Hexadecane	11.78	6.5	ng	1048470	4	11.55	3225530	20.0
Eicosane, 3-methyl-	12.51	4.8	ng	777186	4	11.55	3225530	20.0
Phenol, 2-(2H-ben...	14.63	34.2	ng	1263660	5	14.20	739497	20.0
Benzo[e]pyrene	15.61	6.3	ng	195789	6	15.75	626590	20.0
unknown17.94	17.94	9.1	ng	285144	6	15.75	626590	20.0