LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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	2.372	3	6	16	rVB	301448	401268	12.86%	0.988%
2	5.248	491	495	508	rVB	99596	122963	3.94%	0.303%
3	5.630	553	560	563	rBV	2720912	2595956	83.22%	6.389%
4	6.619	723	728	731	rBV	2558097	2761941	88.54%	6.797%
5	6.772	749	754	757	rBV	2973074	2731920	87.58%	6.723%
6	7.001	789	793	796	rVB	1092682	925946	29.68%	2.279%
7	7.154	813	819	823	rBV	2370642	2242191	71.88%	5.518%
8	7.560	884	888	892	rBV	1778035	1785105	57.23%	4.393%
9	8.283	1004	1011	1015	rBV	1306684	1120749	35.93%	2.758%
10	8.324	1015	1018	1021	rVB	132580	112366	3.60%	0.277%
11	8.560	1055	1058	1063	rVB4	91044	107382	3.44%	0.264%
12	8.607	1063	1066	1071	rBV7	38079	71499	2.29%	0.176%
13	8.683	1077	1079	1081	rVB	141058	94591	3.03%	0.233%
14	8.871	1107	1111	1113	rBV3	39382	51582	1.65%	0.127%
15	8.948	1121	1124	1126	rVB2	66859	59901	1.92%	0.147%
16	9.054	1139	1142	1143	rBV2	51150	50688	1.62%	0.125%
17	9.183	1161	1164	1167	rVB3	85923	92626	2.97%	0.228%
18	9.218	1167	1170	1174	rBV5	66477	90870	2.91%	0.224%
19	9.260	1174	1177	1179	rBV4	36358	56867	1.82%	0.140%
20	9.289	1179	1182	1184	rBV	281151	244721	7.85%	0.602%
21	9.360	1189	1194	1197	rBV	3474533	3119344	100.00%	7.677%
22	9.430	1202	1206	1209	rBV3	119164	143297	4.59%	0.353%
23	9.501	1216	1218	1222	rVB3	110785	94661	3.03%	0.233%
24	9.613	1235	1237	1239	rBV2	80279	95283	3.05%	0.234%
25	9.701	1248	1252	1254	rBV2	178431	212827	6.82%	0.524%
26	9.742	1256	1259	1262	rVV	754314	665706	21.34%	1.638%
27	9.777	1262	1265	1267	rVB4	110780	103344	3.31%	0.254%
28	9.830	1273	1274	1277	rVB2	140180	99047	3.18%	0.244%
29	9.877	1280	1282	1283	rBV2	62566	53321	1.71%	0.131%
30	9.901	1283	1286	1289	rVB2	207628	150006	4.81%	0.369%
31	9.995	1299	1302	1304	rBV2	108702	102141	3.27%	0.251%
32	10.024	1304	1307	1308	rBV3	144905	145660	4.67%	0.358%
33	10.048	1308	1311	1313	rVB	1019351	916247	29.37%	2.255%
34	10.148	1323	1328	1331	rBV4	226619	368970	11.83%	0.908%

LSC Area Percent Report

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Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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	10.213	1337	1339	1341	rBV2	118873	111353	3.57%	0.274%
36	10.242	1341	1344	1346	rVB2	361156	346551	11.11%	0.853%
37	10.283	1348	1351	1360	rVB3	489449	620203	19.88%	1.526%
38	10.360	1360	1364	1366	rBV	571701	578214	18.54%	1.423%
39	10.389	1366	1369	1374	rVB2	289326	321144	10.30%	0.790%
40	10.448	1375	1379	1381	rBV3	418966	447670	14.35%	1.102%
41	10.583	1400	1402	1405	rBV2	198445	146939	4.71%	0.362%
42	10.613	1405	1407	1411	rVB4	190583	182306	5.84%	0.449%
43	10.677	1414	1418	1420	rBV	886460	865636	27.75%	2.130%
44	10.701	1420	1422	1425	rVB2	236052	203029	6.51%	0.500%
45	10.736	1425	1428	1430	rBV5	241462	281165	9.01%	0.692%
46	10.760	1430	1432	1435	rVB	236898	178523	5.72%	0.439%
47	10.836	1442	1445	1448	rBV2	1292031	1314050	42.13%	3.234%
48	10.865	1448	1450	1453	rVB3	293497	299807	9.61%	0.738%
49	10.948	1460	1464	1471	rVB2	2112953	2425505	77.76%	5.969%
50	11.030	1476	1478	1480	rBV2	375769	331105	10.61%	0.815%
51	11.265	1515	1518	1520	rBV4	326562	453918	14.55%	1.117%
52	11.418	1540	1544	1546	rBV	2363568	2462602	78.95%	6.061%
53	11.542	1563	1565	1568	rVB	793692	709882	22.76%	1.747%
54	11.771	1601	1604	1607	rBV	1308739	1350769	43.30%	3.324%
55	12.289	1690	1692	1697	rVB	971866	877994	28.15%	2.161%
56	12.612	1745	1747	1749	rBV	907979	728163	23.34%	1.792%
57	12.730	1764	1767	1773	rVB3	1048866	1300648	41.70%	3.201%
58	13.142	1834	1837	1839	rVB	1679333	1435052	46.00%	3.532%
59	14.206	2016	2018	2021	rVB	796469	669556	21.46%	1.648%

Sum of corrected areas: 40632770

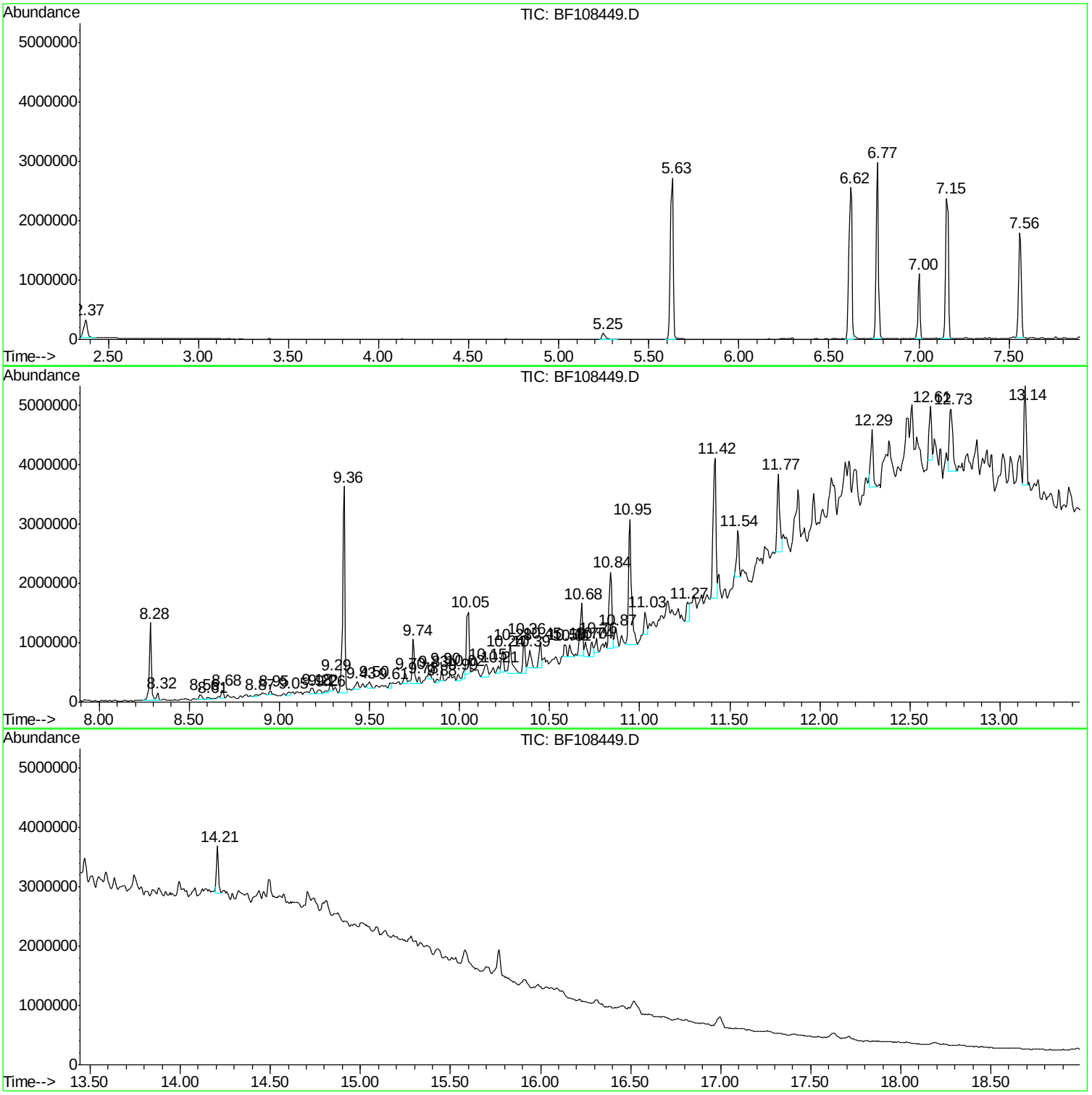
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

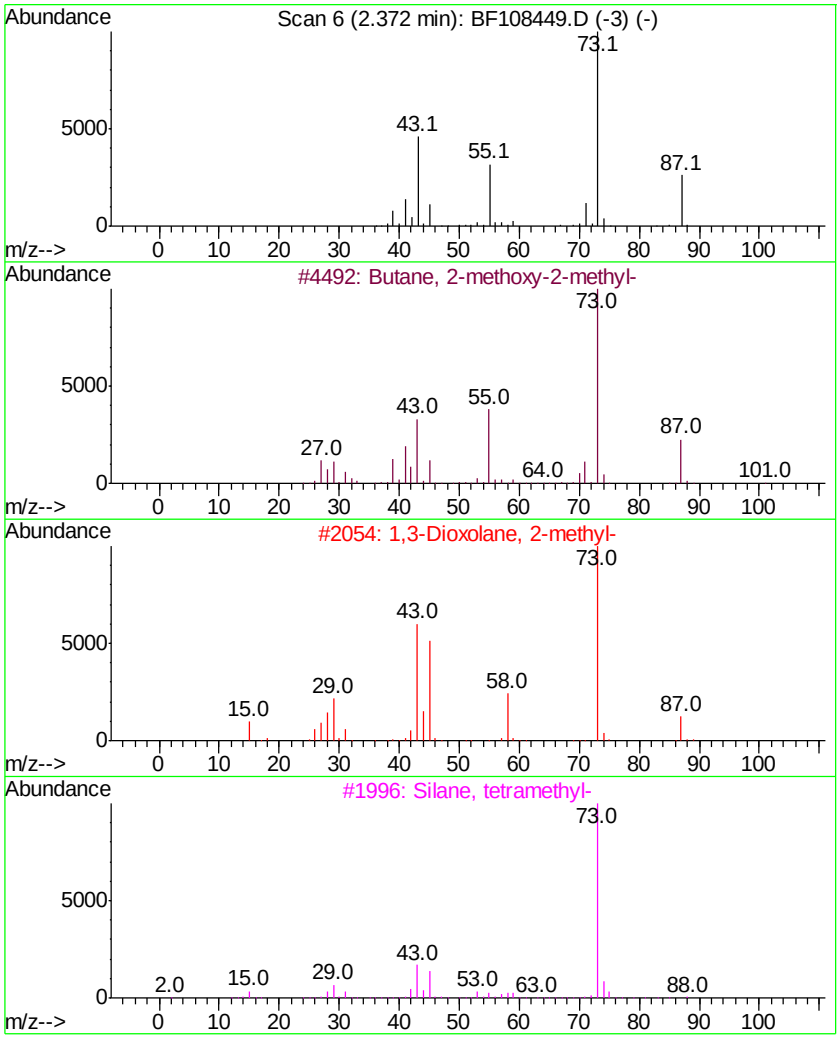
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

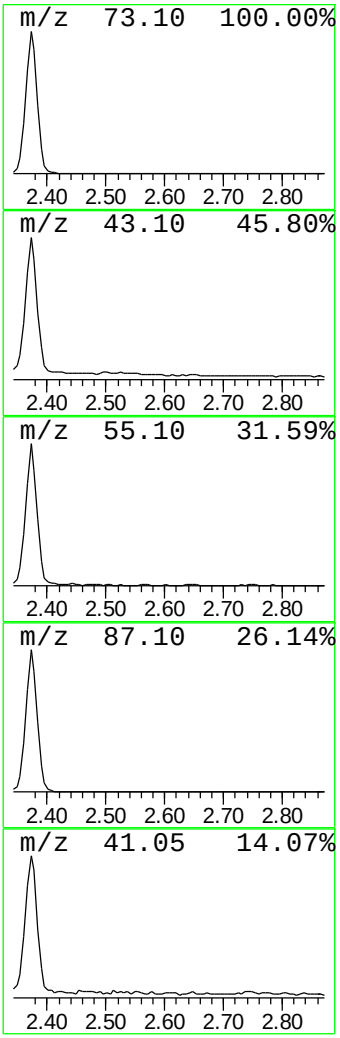
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	8.67 ng	401268	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	32
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

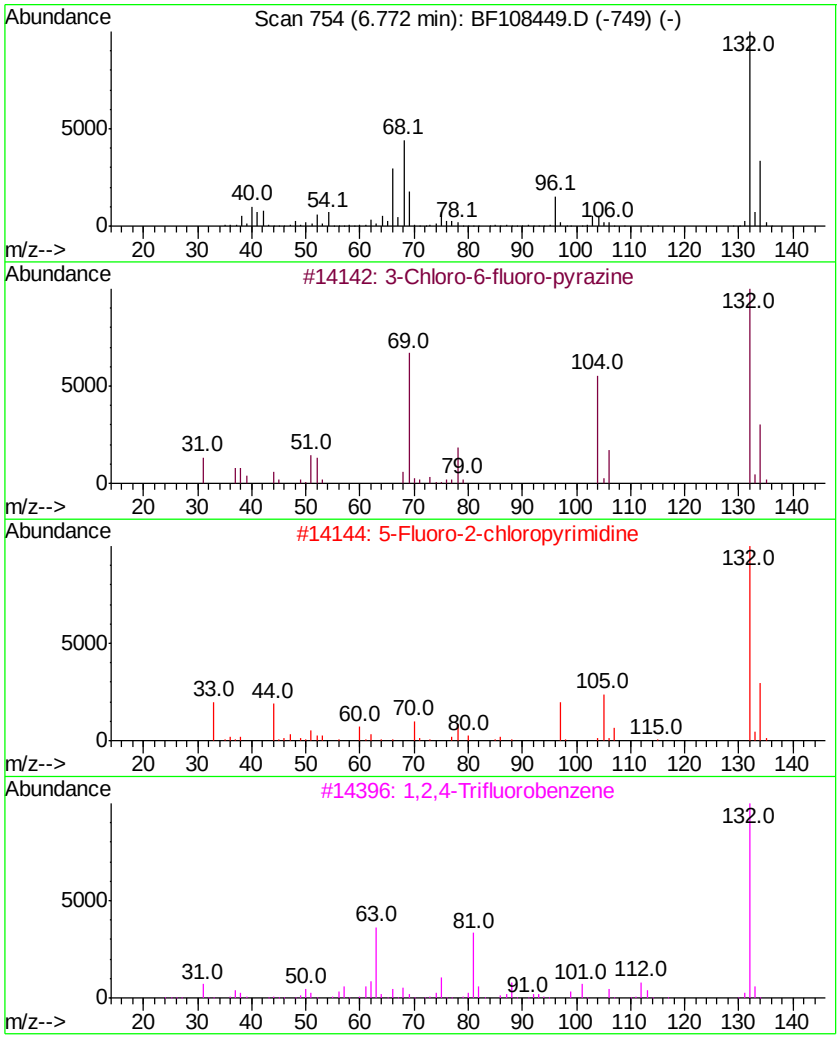
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

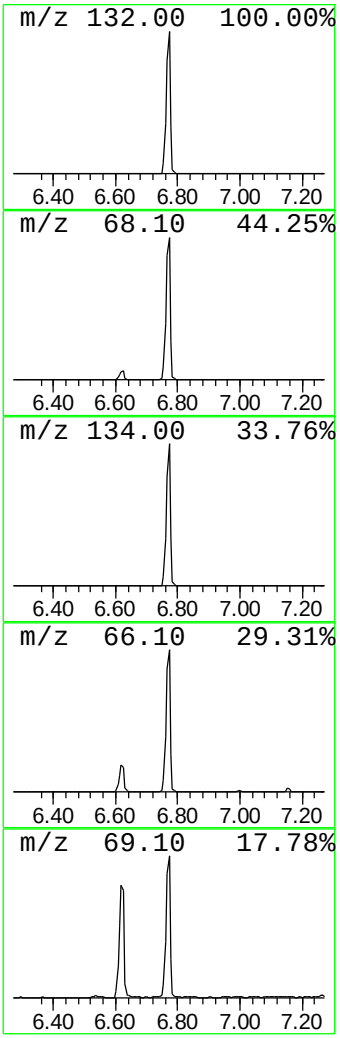
****

Peak Number 2 unknown6.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	59.01 ng	2731920	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

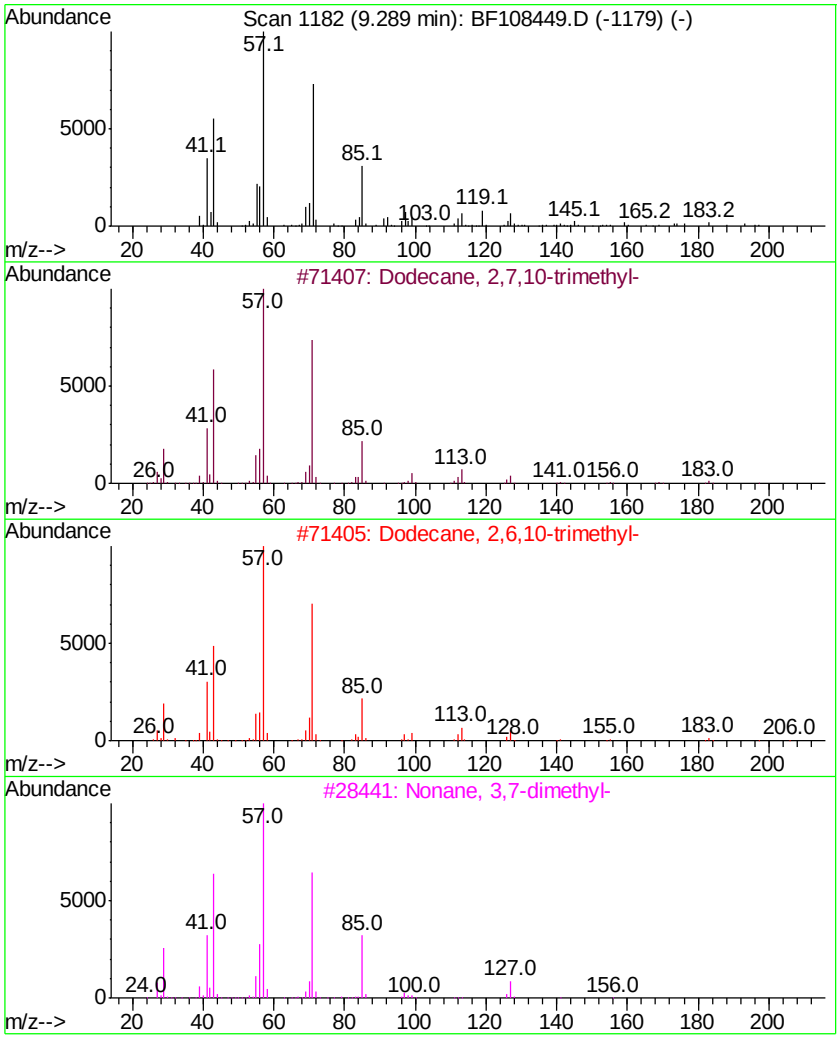
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

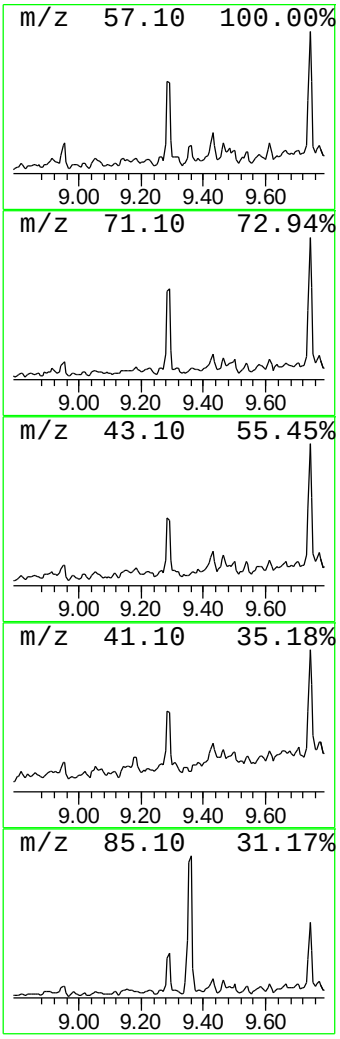
****

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.34 ng	244721	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

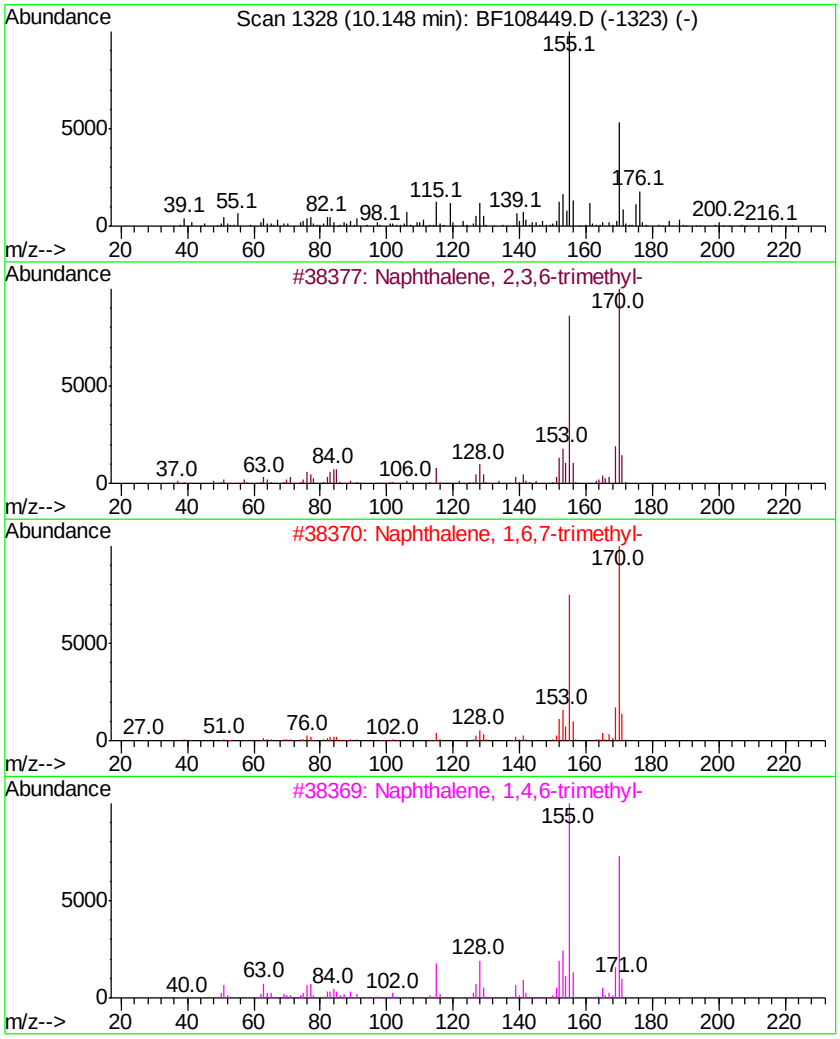
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

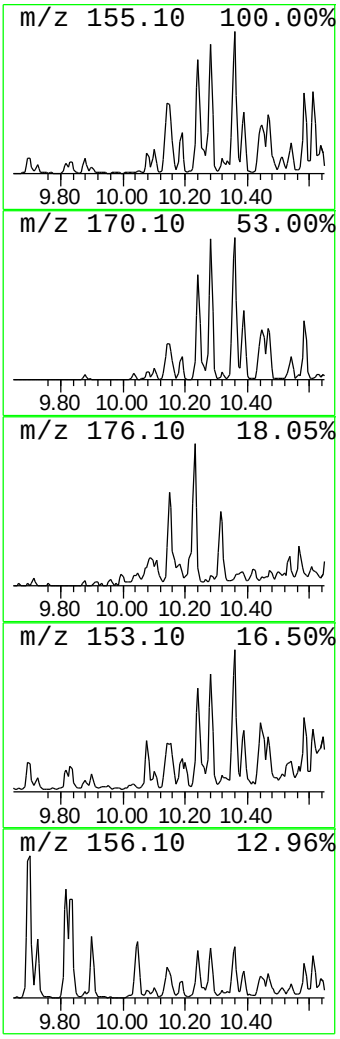
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	8.05 ng	368970	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

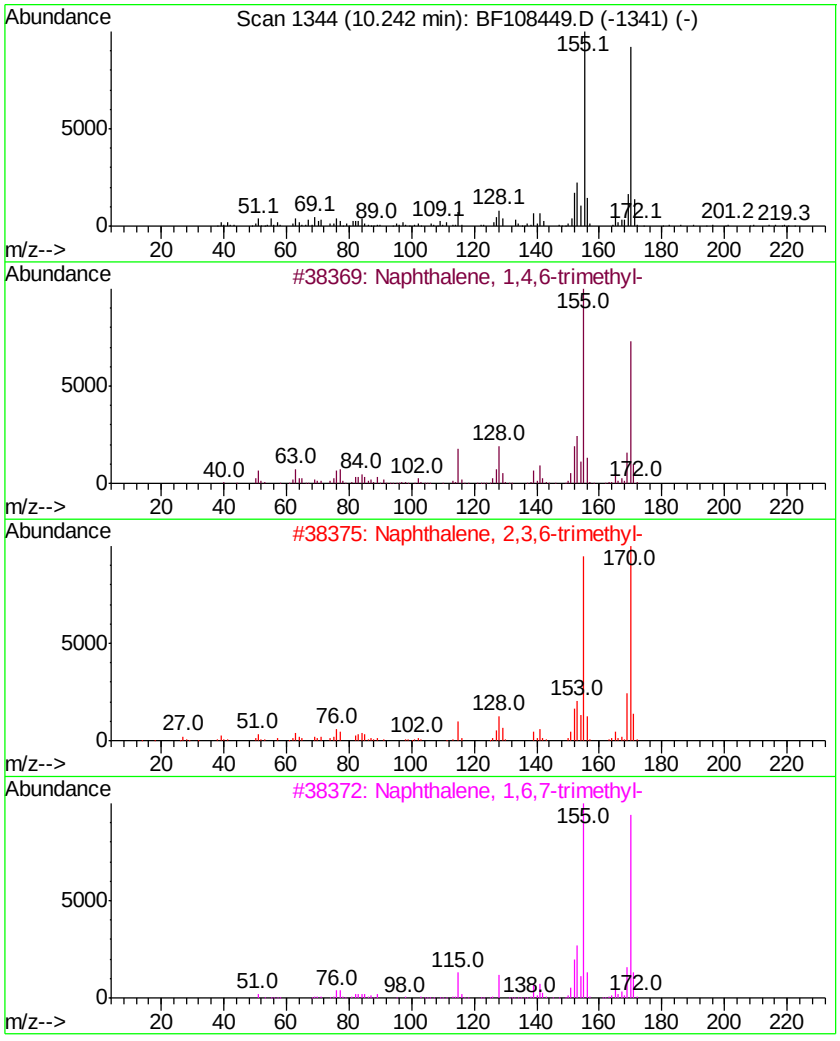
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

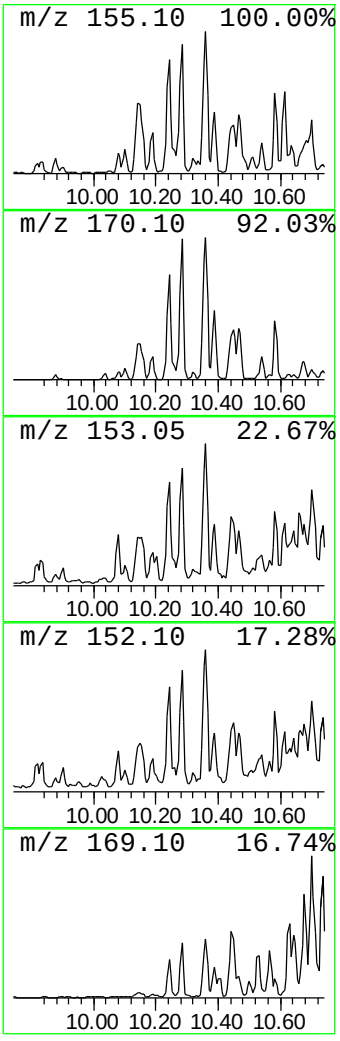
****

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	7.56 ng	346551	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





Library Search Compound Report

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Acq On : 24 Aug 2018 5:04
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Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

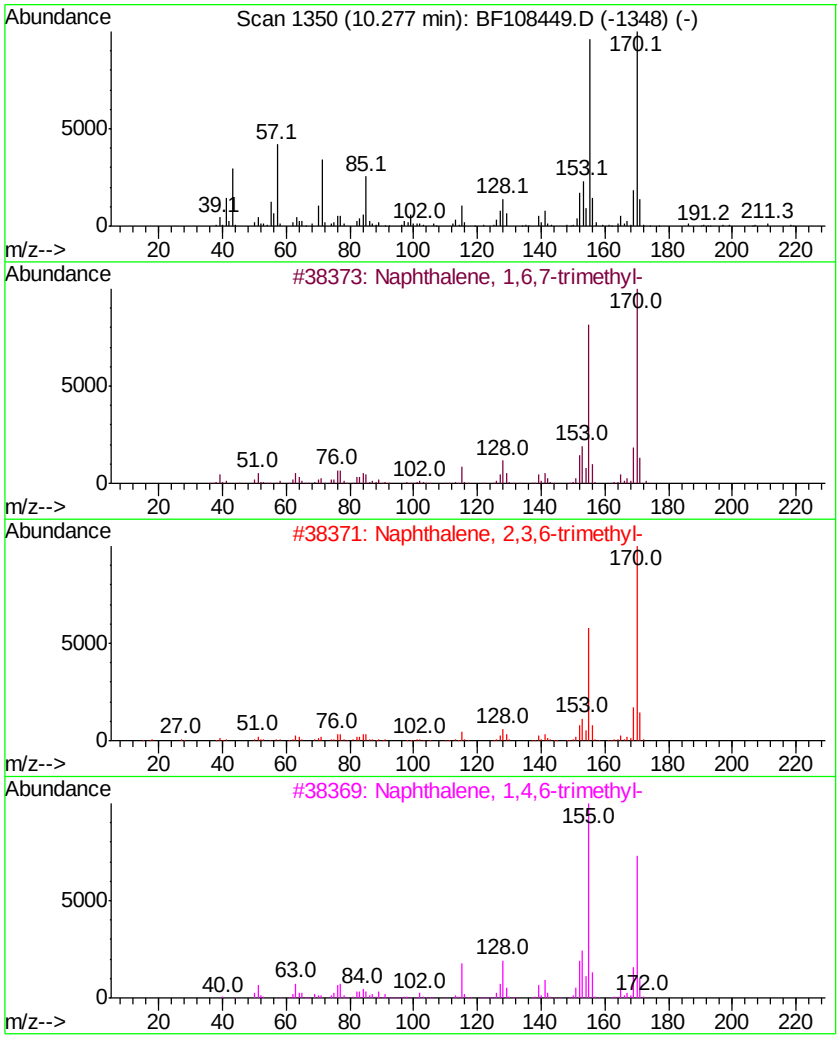
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

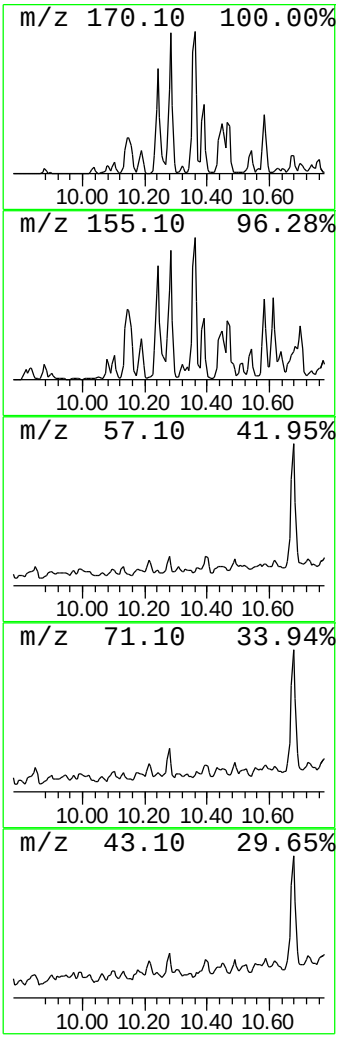
****

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	13.54 ng	620203	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

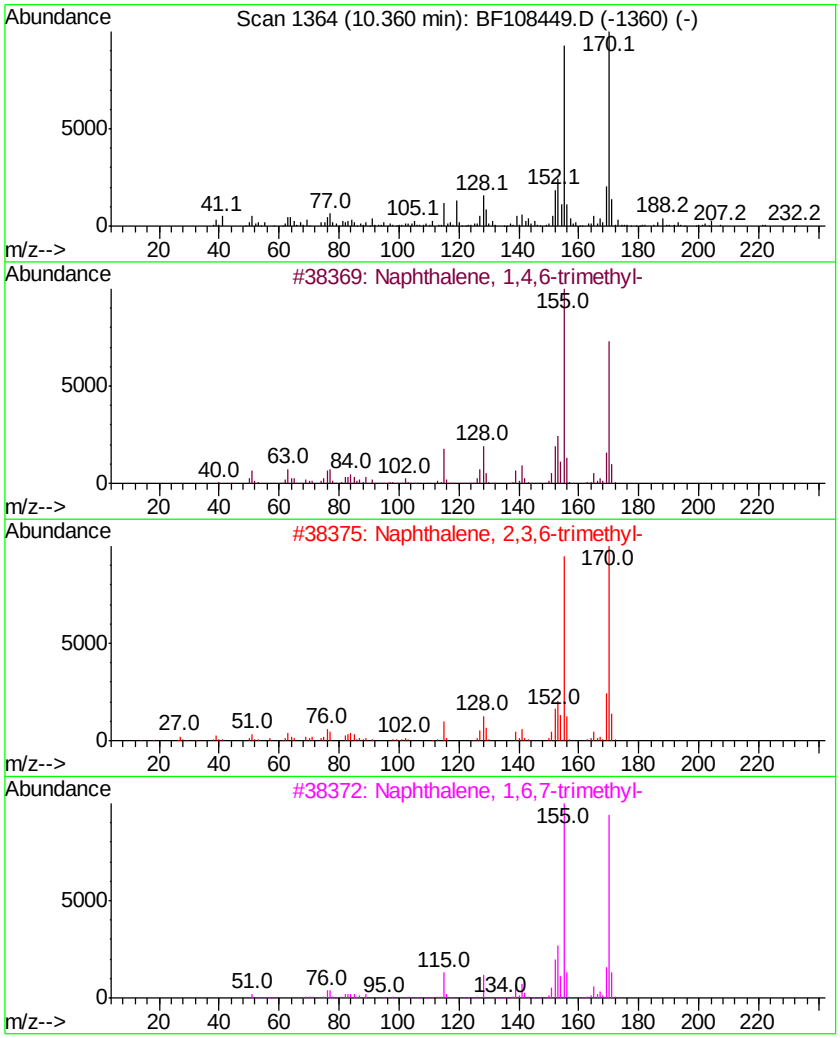
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

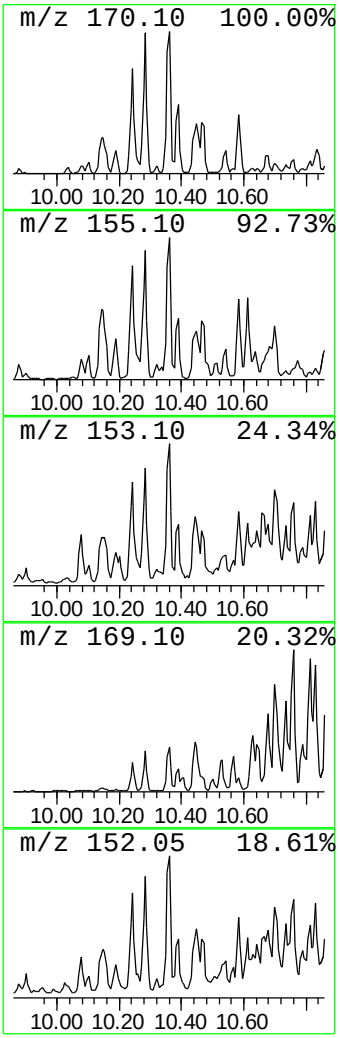
****

Peak Number 8 4,6,8-Trimethylazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	12.62 ng	578214	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Library Search Compound Report

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Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

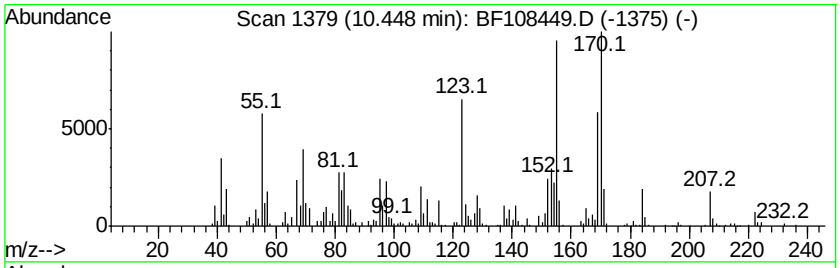
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

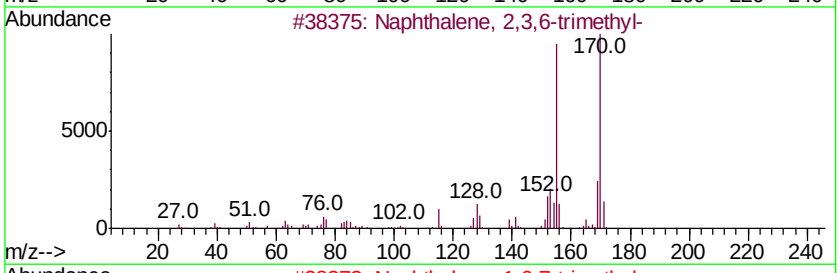
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

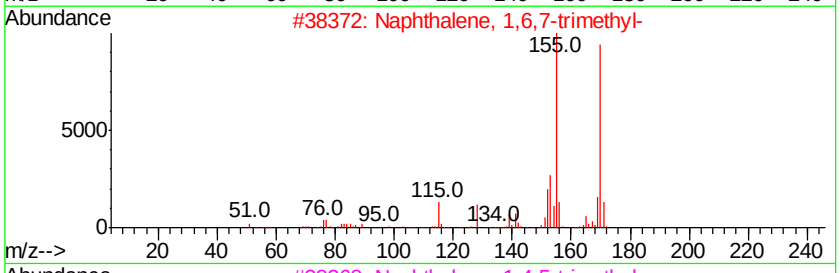
****
Peak Number 10 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 13

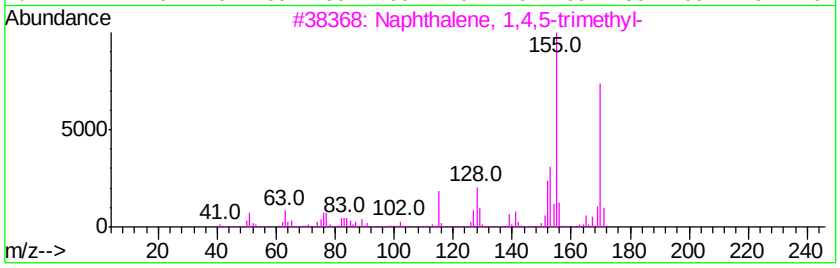
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	9.77 ng	447670	Acenaphthene-d10	10.05

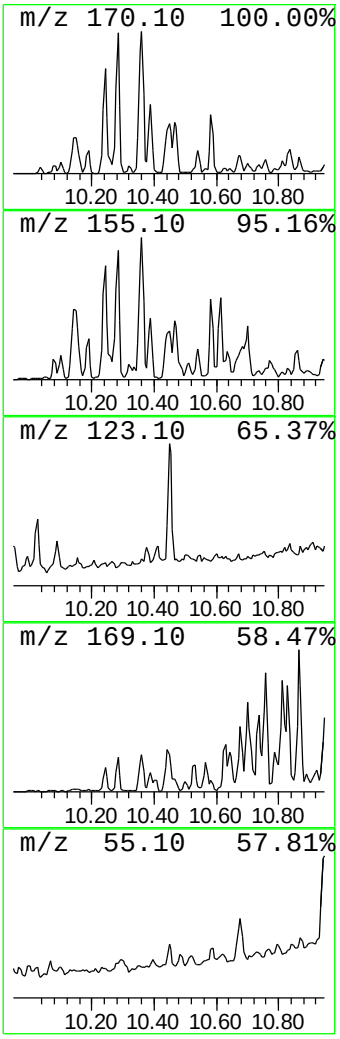
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78











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Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

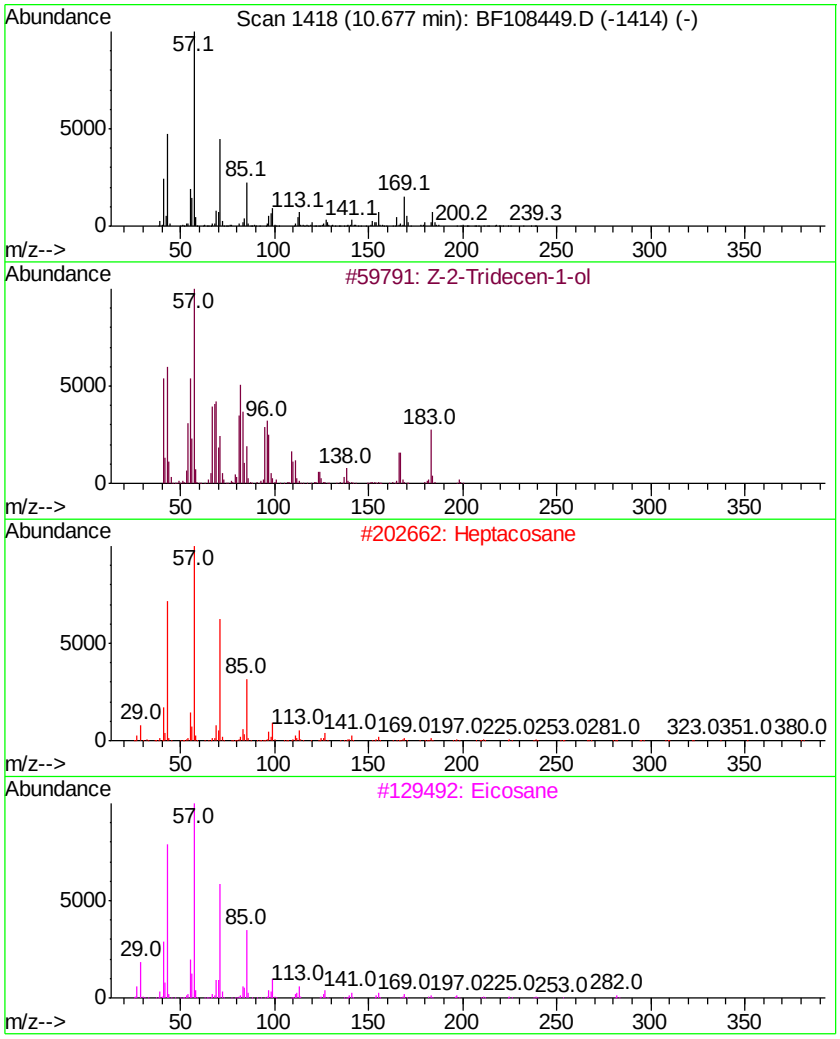
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

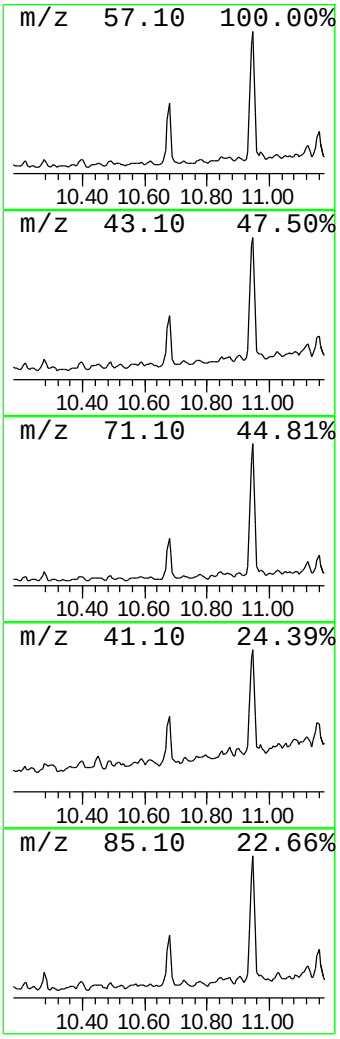
****

Peak Number 11 Z-2-Tridecen-1-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	18.90 ng	865636	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64
2	Heptacosane	380	C27H56	000593-49-7	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58





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Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

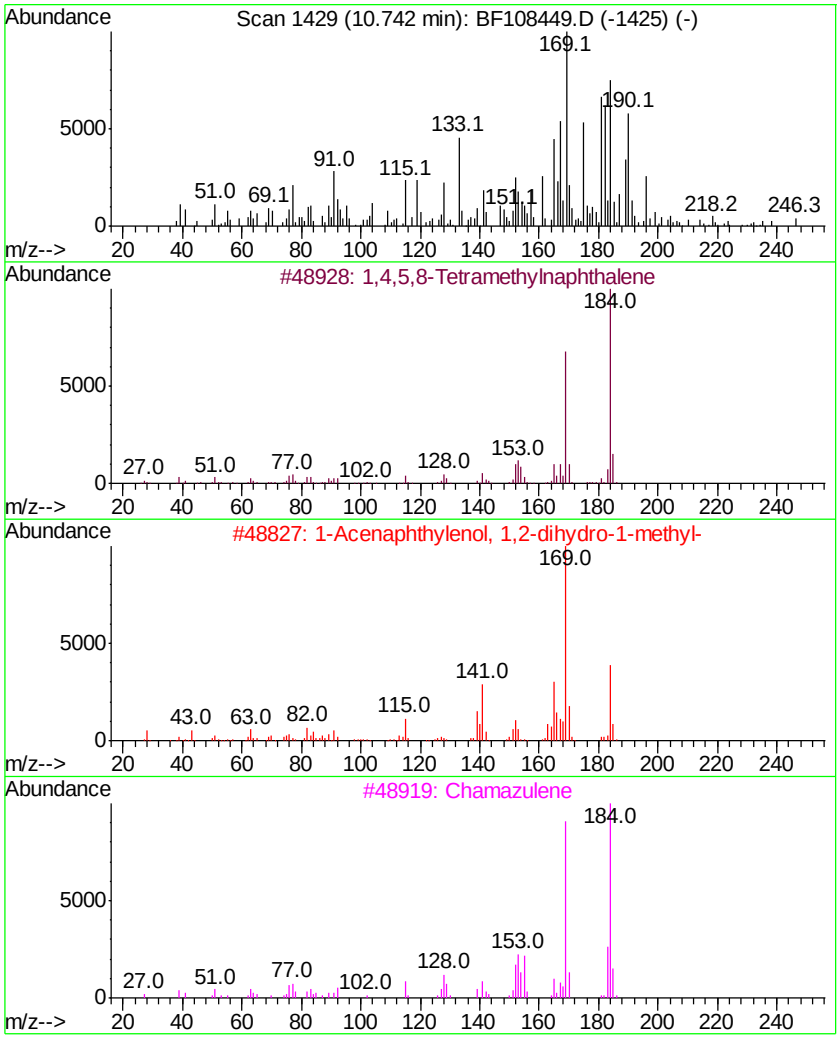
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

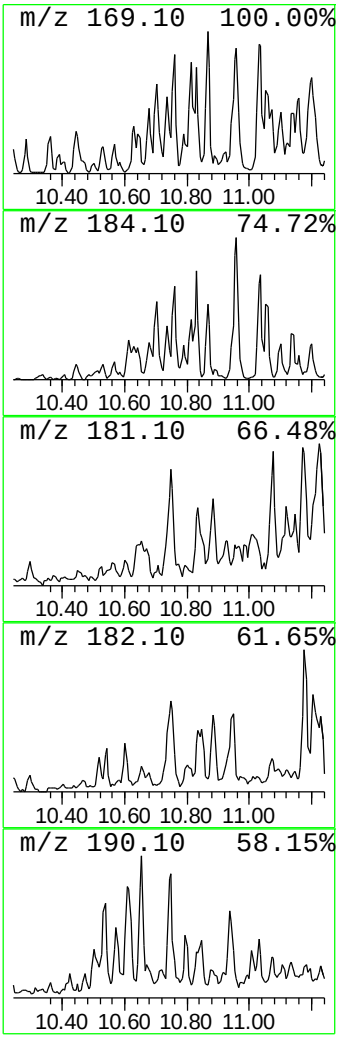
****

Peak Number 12 1,4,5,8-Tetramethylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	6.14 ng	281165	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	94
2	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	91
3	Chamazulene	184	C14H16	000529-05-5	78
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	53
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	53





Library Search Compound Report

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Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

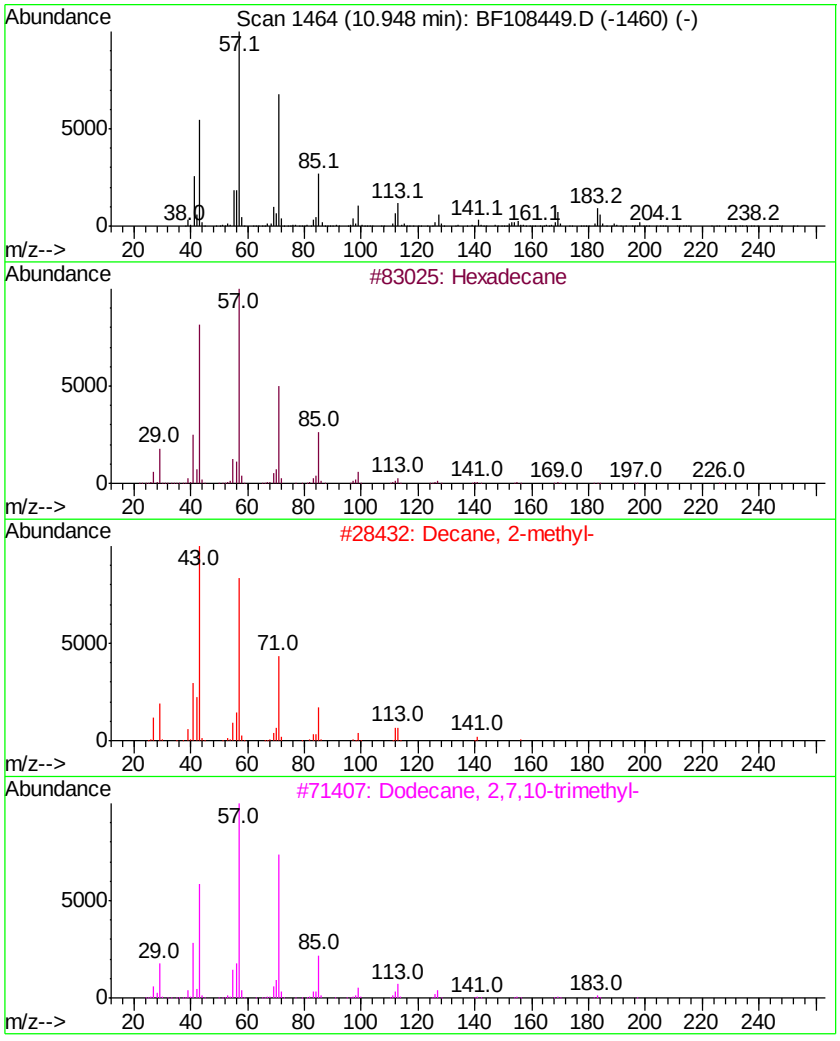
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

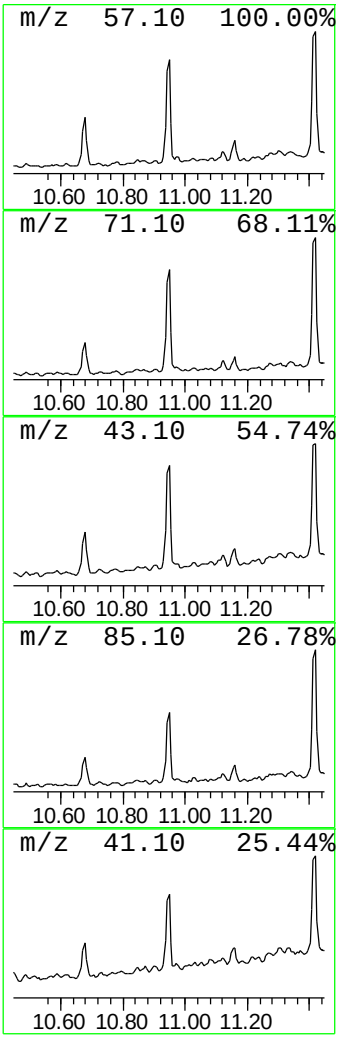
****

Peak Number 13 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	68.34 ng	2425510	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Decane, 2-methyl-	156	C11H24	006975-98-0	74
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	68
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58





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Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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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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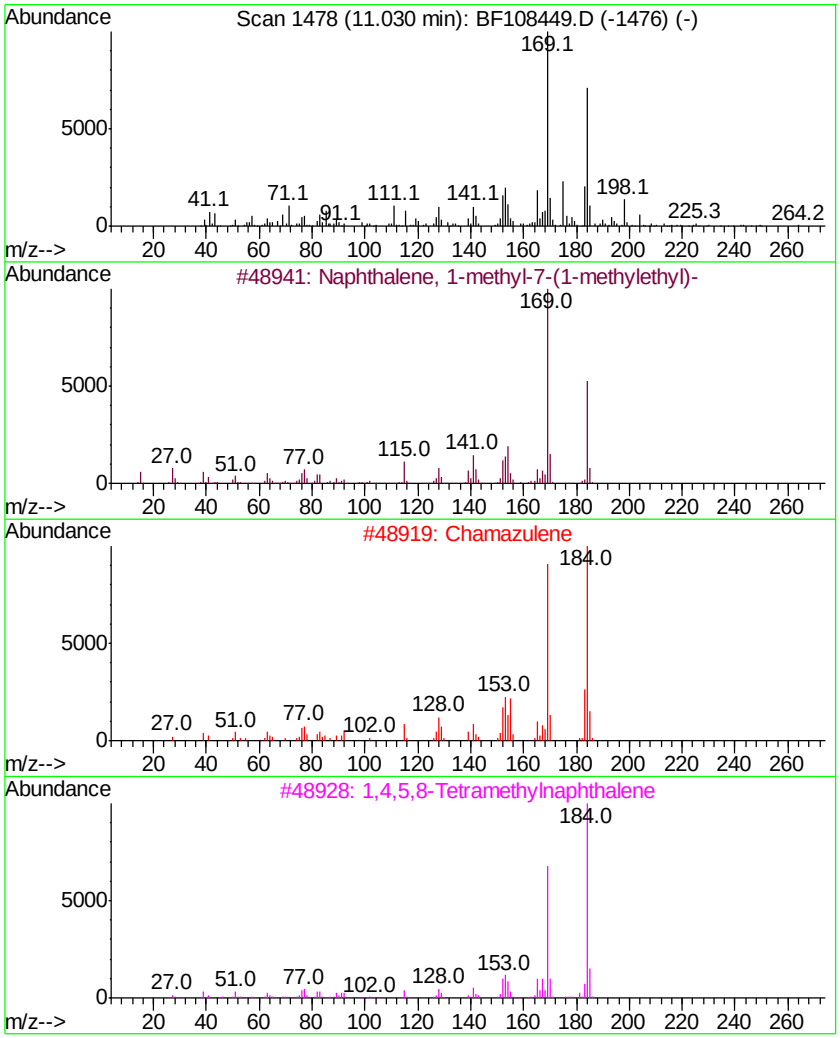
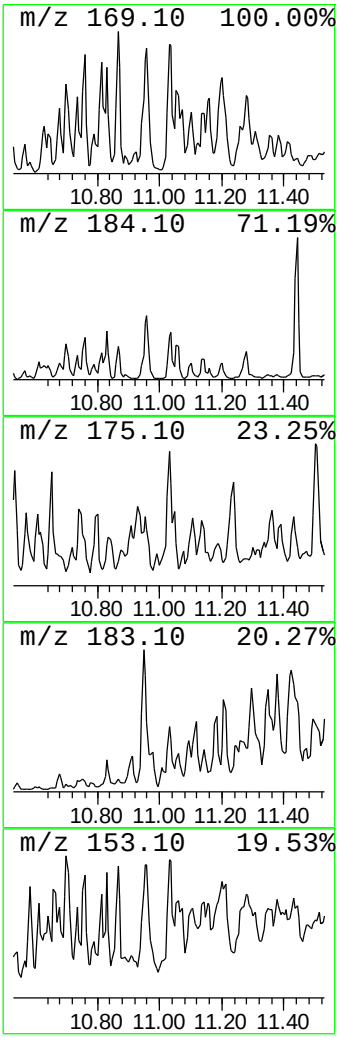
Peak Number 14 Naphthalene, 1-methyl-7-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	9.33 ng	331105	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	92
2	Chamazulene	184	C14H16	000529-05-5	91
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	58
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	55





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Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

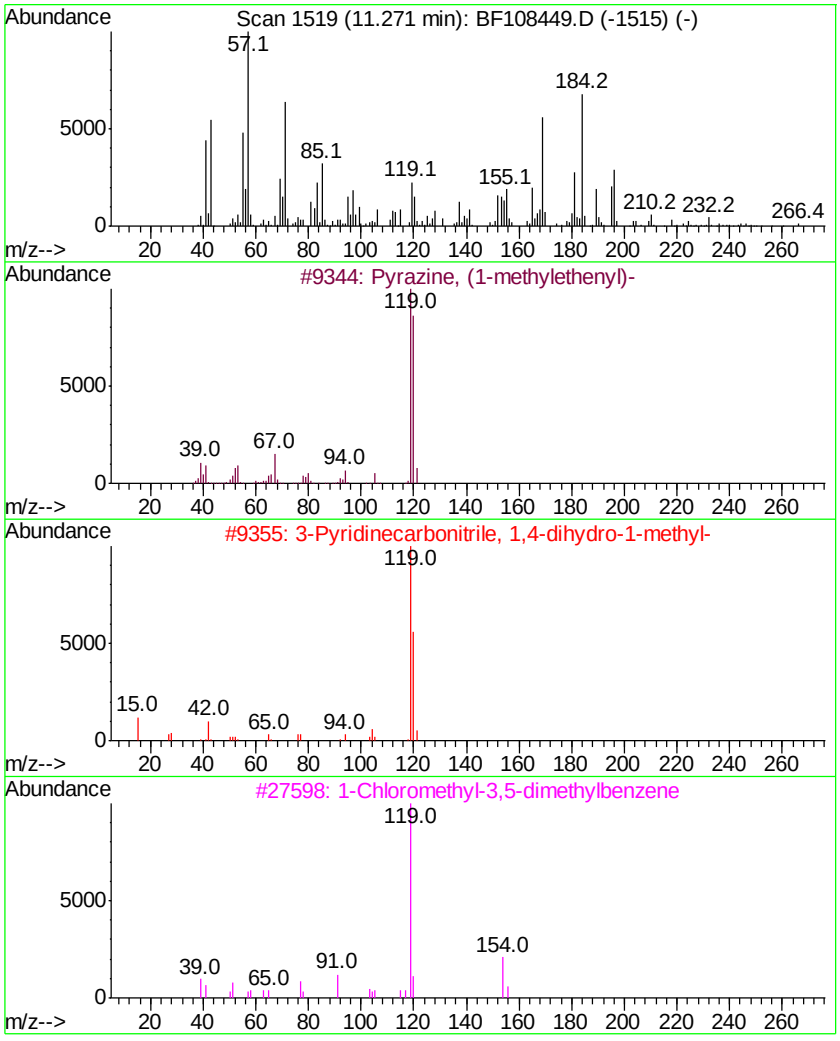
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

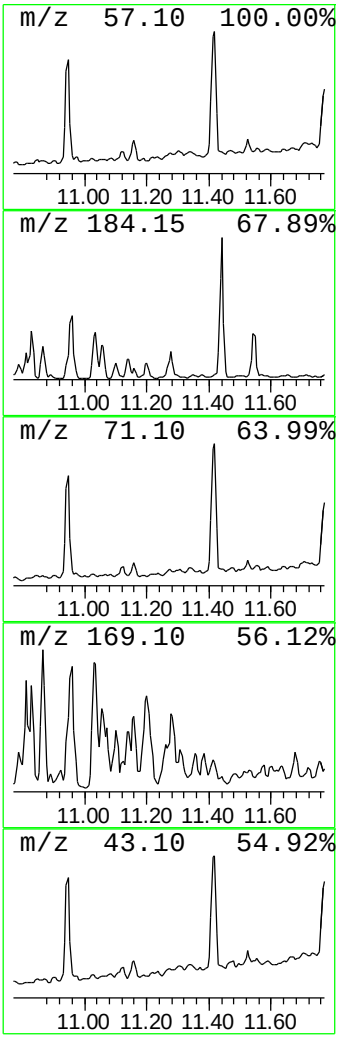
****

Peak Number 15 Pyrazine, (1-methylethenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	12.79 ng	453918	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, (1-methylethenyl)-	120	C7H8N2	038713-41-6	25
2	3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	25
3	1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	15
4	Chamazulene	184	C14H16	000529-05-5	14
5	dimethyl-methyldithio-arsine	184	C3H9AsS2	1000371-49-3	11





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Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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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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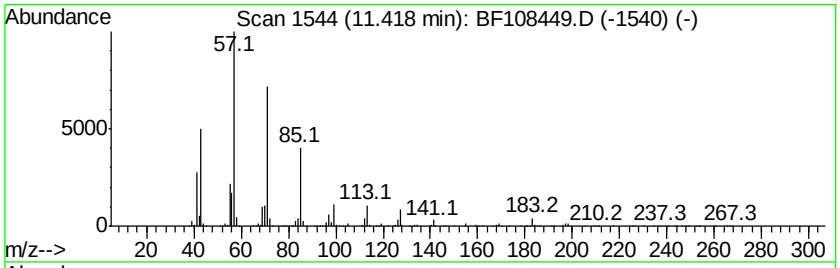
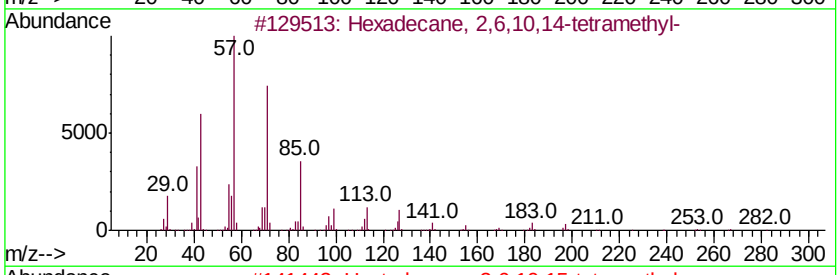
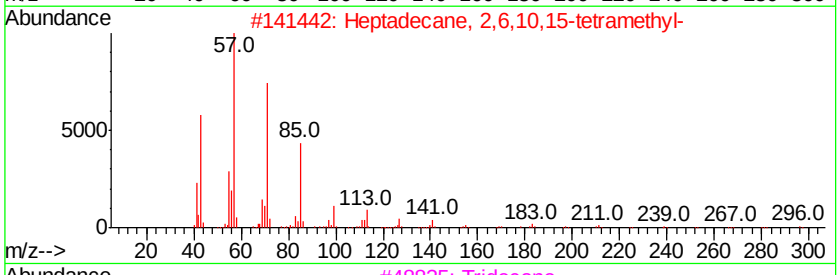
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

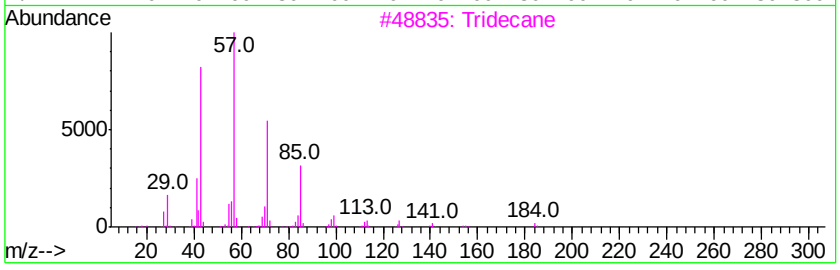
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	69.38 ng	2462600	Phenanthrene-d10	11.54

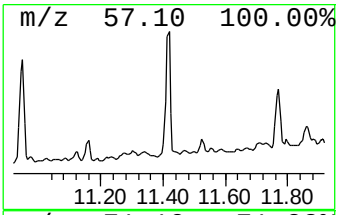
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Octadecane	254	C18H38	000593-45-3	83

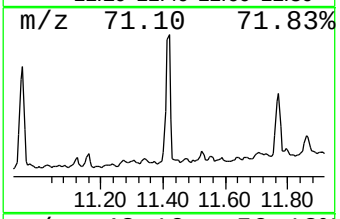


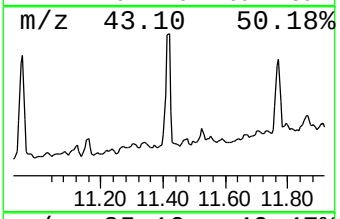


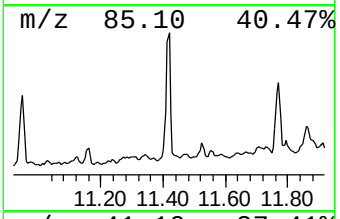


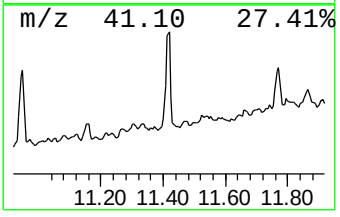












Library Search Compound Report

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Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

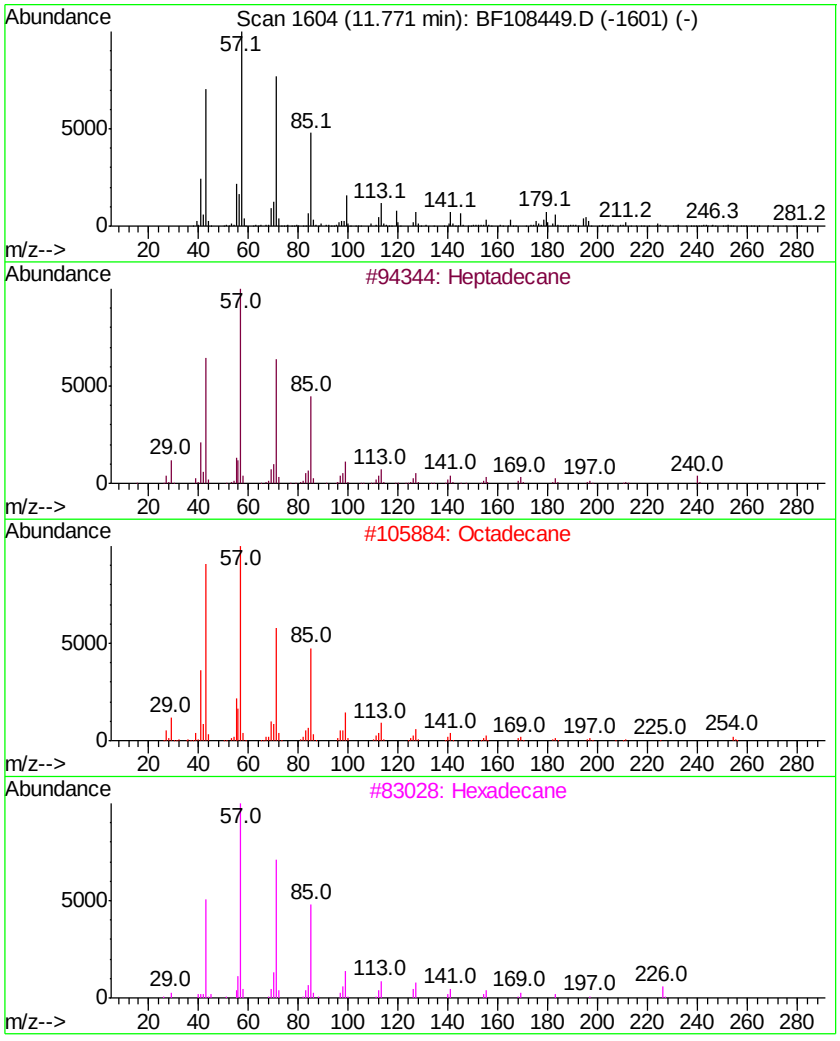
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

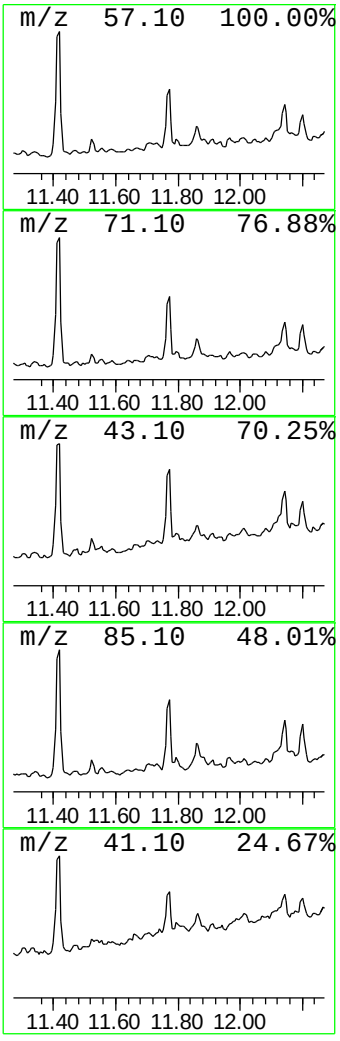
****

Peak Number 17 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	38.06 ng	1350770	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octadecane	254	C18H38	000593-45-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Hexacosane	366	C26H54	000630-01-3	86





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Instrument : BNA_F
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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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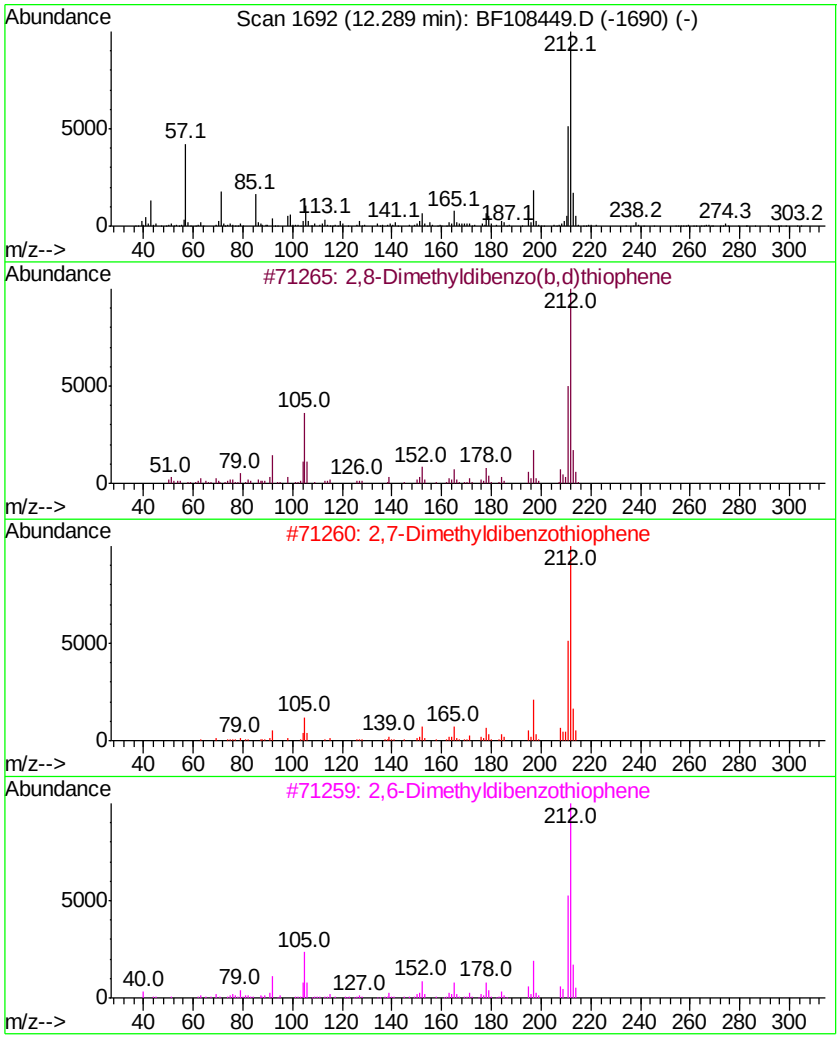
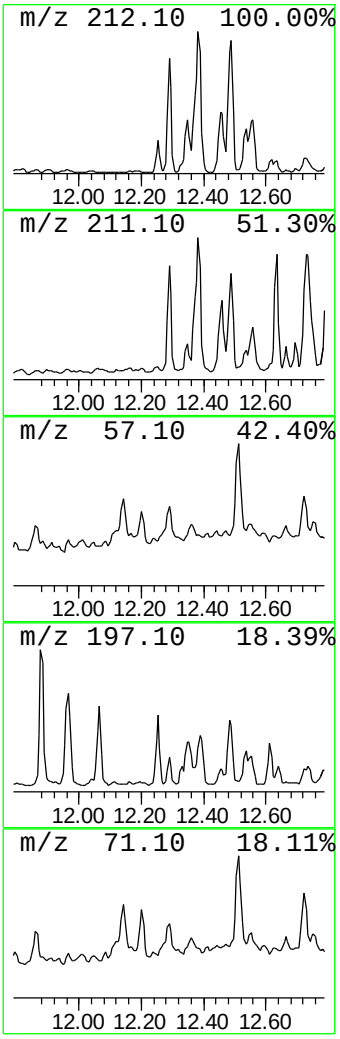
Peak Number 18 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	24.74 ng	877994	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	93
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	93
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	91
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	91
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	91





Library Search Compound Report

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Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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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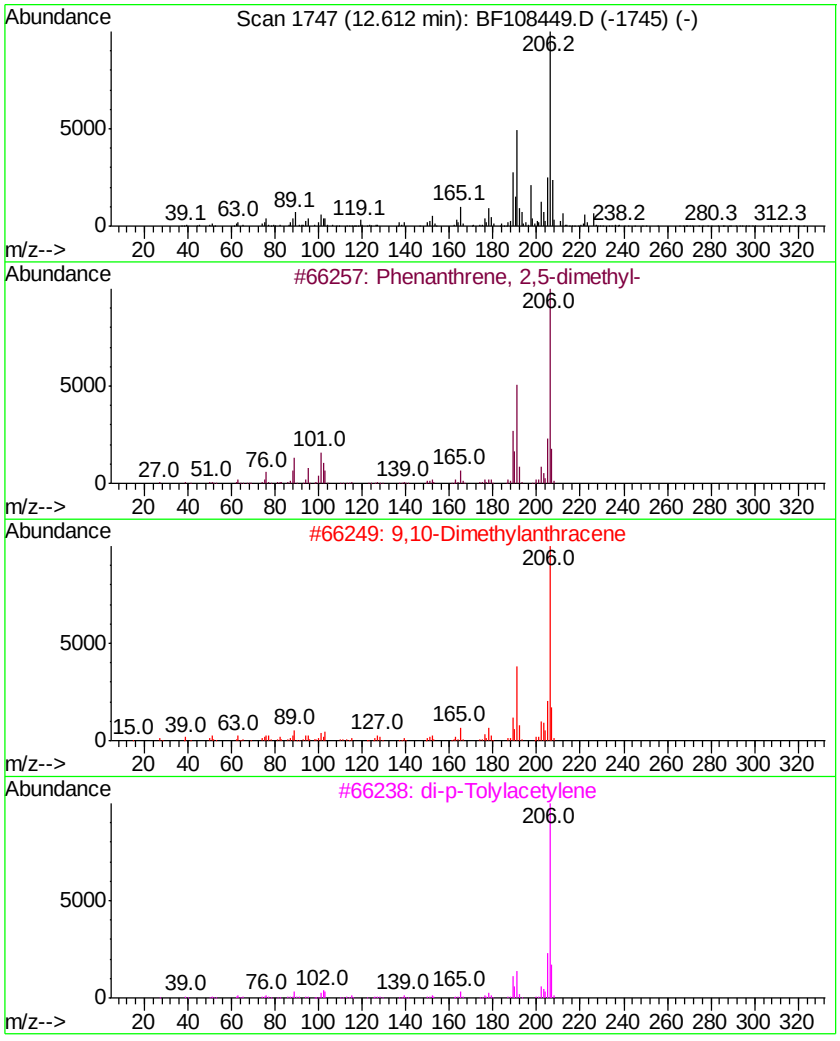
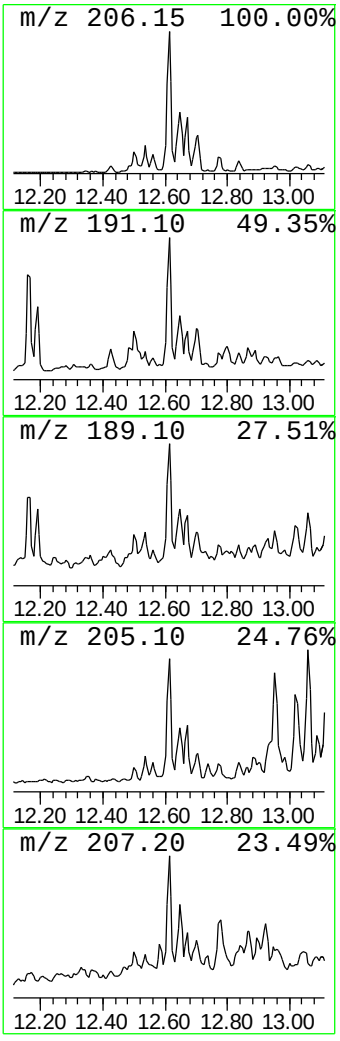
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	20.52 ng	728163	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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

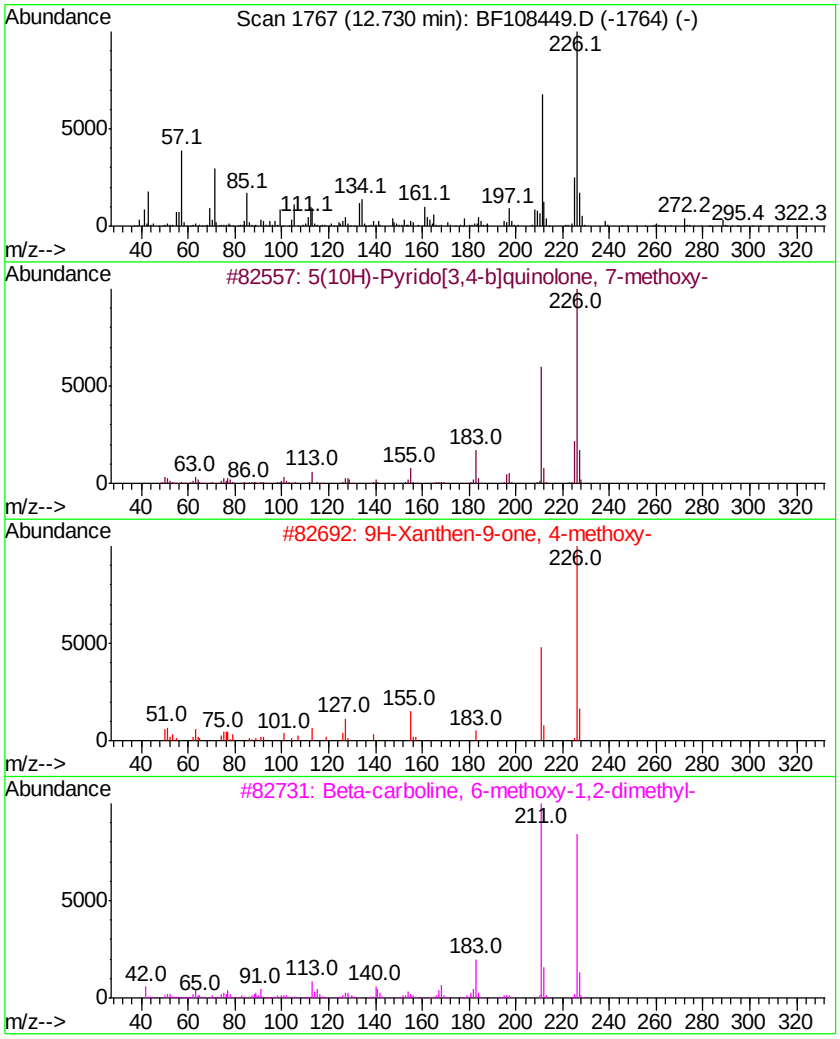
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

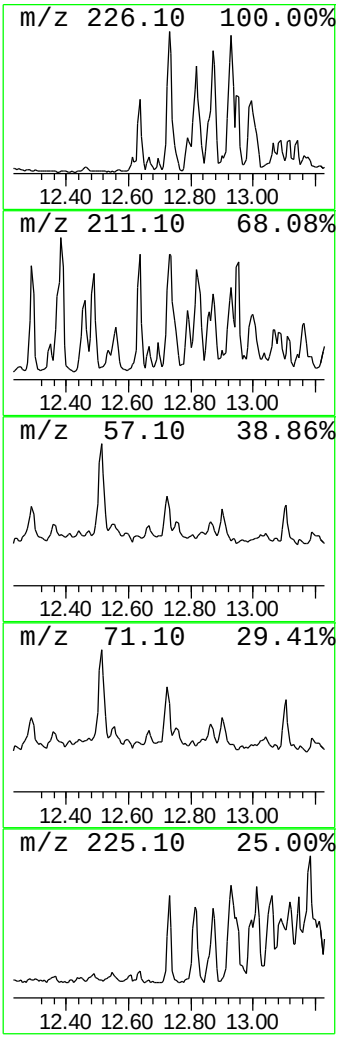
****

Peak Number 20 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	36.64 ng	1300650	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	90
2	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	64
3	Beta-carboline, 6-methoxy-1,2-di...	226	C14H14N2O	154505-42-7	64
4	1H-Benzo[d,E]phthalazine, 6-meth...	226	C14H14N2O	078378-22-0	58
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108449.D
Acq On : 24 Aug 2018 5:04
Operator : JU/SJ
Sample : J4535-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-042

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
Butane, 2-methoxy...	2.37	8.7	ng	401268	1	7.00	925946	20.0
unknown6.77	6.77	59.0	ng	2731920	1	7.00	925946	20.0
Dodecane, 2,7,10-...	9.29	5.3	ng	244721	3	10.05	916247	20.0
Naphthalene, 2,3,...	10.15	8.1	ng	368970	3	10.05	916247	20.0
Naphthalene, 1,4,...	10.24	7.6	ng	346551	3	10.05	916247	20.0
Naphthalene, 1,6,...	10.28	13.5	ng	620203	3	10.05	916247	20.0
4,6,8-Trimethylaz...	10.36	12.6	ng	578214	3	10.05	916247	20.0
1-(2,2-Dimethylcy...	10.45	9.8	ng	447670	3	10.05	916247	20.0
Z-2-Tridecen-1-ol	10.68	18.9	ng	865636	3	10.05	916247	20.0
1,4,5,8-Tetrameth...	10.74	6.1	ng	281165	3	10.05	916247	20.0
Hexadecane	10.95	68.3	ng	2425510	4	11.54	709882	20.0
Naphthalene, 1-me...	11.03	9.3	ng	331105	4	11.54	709882	20.0
Pyrazine, (1-meth...	11.27	12.8	ng	453918	4	11.54	709882	20.0
Hexadecane, 2,6,1...	11.42	69.4	ng	2462600	4	11.54	709882	20.0
Heptadecane	11.77	38.1	ng	1350770	4	11.54	709882	20.0
2,8-Dimethyldiben...	12.29	24.7	ng	877994	4	11.54	709882	20.0
Phenanthrene, 2,5...	12.61	20.5	ng	728163	4	11.54	709882	20.0
5(10H)-Pyrido[3,4...	12.73	36.6	ng	1300650	4	11.54	709882	20.0