LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

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-BF073019.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	3.904	304	309	320	rVB	132831	198945	5.85%	0.384%
2	5.463	570	574	606	rBV	2256719	2511780	73.90%	4.848%
3	6.475	742	746	765	rBV	2484886	2657163	78.18%	5.129%
4	6.610	765	769	782	rVB	2919541	2660063	78.27%	5.135%
5	6.840	804	808	818	rBV	790050	752338	22.14%	1.452%
6	6.992	830	834	849	rBV	2323497	2159786	63.55%	4.169%
7	7.398	899	903	935	rBV	1688399	1761853	51.84%	3.401%
8	8.116	1022	1025	1046	rVB	960031	985140	28.99%	1.902%
9	9.192	1204	1208	1219	rBV	3411767	3228370	94.99%	6.232%
10	9.586	1271	1275	1285	rBV	450080	500035	14.71%	0.965%
11	9.869	1319	1323	1333	rBV	1337554	1193903	35.13%	2.305%
12	10.416	1411	1416	1422	rVB3	59688	93281	2.74%	0.180%
13	10.522	1431	1434	1439	rBV	115908	112507	3.31%	0.217%
14	10.563	1439	1441	1445	rVB	64209	57530	1.69%	0.111%
15	10.663	1454	1458	1465	rBV	1789104	1889160	55.58%	3.647%
16	10.722	1465	1468	1473	rVB	134221	155673	4.58%	0.300%
17	10.816	1481	1484	1486	rBV	254975	216286	6.36%	0.417%
18	10.833	1486	1487	1491	rVB	64846	52827	1.55%	0.102%
19	10.892	1491	1497	1500	rVB2	126460	166703	4.90%	0.322%
20	10.939	1500	1505	1507	rBV	153561	161959	4.77%	0.313%
21	10.963	1507	1509	1510	rBV	59410	45249	1.33%	0.087%
22	11.004	1513	1516	1517	rBV	91854	78511	2.31%	0.152%
23	11.027	1517	1520	1523	rVB	184128	165418	4.87%	0.319%
24	11.057	1523	1525	1529	rVB	93627	90695	2.67%	0.175%
25	11.104	1529	1533	1534	rBV	104778	100318	2.95%	0.194%
26	11.127	1534	1537	1539	rBV	253802	204796	6.03%	0.395%
27	11.157	1539	1542	1545	rVB	328984	315199	9.27%	0.608%
28	11.210	1548	1551	1554	rBV2	280697	280745	8.26%	0.542%
29	11.245	1554	1557	1562	rVB	416685	394626	11.61%	0.762%
30	11.298	1562	1566	1570	rBV2	613380	1048465	30.85%	2.024%
31	11.333	1570	1572	1574	rVV2	80053	43406	1.28%	0.084%
32	11.357	1574	1576	1580	rVV2	1253746	1445318	42.53%	2.790%
33	11.398	1580	1583	1587	rVV	549236	628578	18.49%	1.213%
34	11.433	1587	1589	1593	rVB2	481245	519730	15.29%	1.003%

LSC Area Percent Report

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Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.480	1593	1597	1599	rBV2	615759	648412	19.08%	1.252%
36	11.510	1599	1602	1603	rBV	414341	349113	10.27%	0.674%
37	11.527	1603	1605	1611	rVB4	397354	583564	17.17%	1.126%
38	11.580	1611	1614	1616	rBV	1013373	972994	28.63%	1.878%
39	11.598	1616	1617	1619	rVV2	176512	120982	3.56%	0.234%
40	11.627	1619	1622	1624	rVB3	226653	201256	5.92%	0.388%
41	11.657	1624	1627	1629	rBV	699845	945407	27.82%	1.825%
42	11.710	1633	1636	1639	rVV2	916280	1149487	33.82%	2.219%
43	11.751	1639	1643	1645	rVV2	1070157	1475334	43.41%	2.848%
44	11.774	1645	1647	1649	rVV2	870995	781487	22.99%	1.508%
45	11.804	1649	1652	1654	rVV	740725	725426	21.34%	1.400%
46	11.839	1654	1658	1661	rVV	1052878	1674580	49.27%	3.232%
47	11.869	1661	1663	1665	rVV2	491426	597388	17.58%	1.153%
48	11.886	1665	1666	1670	rVV3	646974	698082	20.54%	1.347%
49	11.922	1670	1672	1675	rVV2	462335	486992	14.33%	0.940%
50	11.951	1675	1677	1679	rVV	346944	329684	9.70%	0.636%
51	11.992	1682	1684	1691	rVB	426144	775849	22.83%	1.498%
52	12.045	1691	1693	1697	rBV3	385246	328283	9.66%	0.634%
53	12.110	1700	1704	1706	rBV4	211918	299789	8.82%	0.579%
54	12.163	1710	1713	1715	rBV	250534	289950	8.53%	0.560%
55	12.192	1716	1718	1720	rBV2	245979	232953	6.85%	0.450%
56	12.251	1726	1728	1729	rBV	159741	115905	3.41%	0.224%
57	12.274	1729	1732	1734	rVV2	371072	379283	11.16%	0.732%
58	12.327	1739	1741	1743	rBV	128523	112906	3.32%	0.218%
59	12.357	1743	1746	1748	rBV2	321628	396173	11.66%	0.765%
60	12.580	1780	1784	1787	rBV3	541337	839722	24.71%	1.621%
61	12.669	1796	1799	1804	rVB3	455514	564711	16.62%	1.090%
62	12.804	1818	1822	1824	rBV2	366687	409047	12.04%	0.790%
63	12.945	1841	1846	1849	rBV	3413578	3398733	100.00%	6.561%
64	13.968	2017	2020	2022	rBV	381309	382213	11.25%	0.738%
65	14.004	2022	2026	2029	rVV2	954812	1108898	32.63%	2.140%
66	14.451	2100	2102	2106	rVB	118405	102572	3.02%	0.198%
67	14.757	2150	2154	2163	rVB	195207	265466	7.81%	0.512%
68	15.045	2200	2203	2206	rBV	107847	155097	4.56%	0.299%
69	15.086	2206	2210	2215	rVB2	274624	357904	10.53%	0.691%
70	15.345	2251	2254	2257	rVB	69845	75075	2.21%	0.145%
71	15.410	2261	2265	2268	rVV	97729	123531	3.63%	0.238%

LSC Area Percent Report

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Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.462	2269	2274	2290	rVB2	902056	1350181	39.73%	2.606%
73	15.886	2340	2346	2355	rVB	299341	455533	13.40%	0.879%
74	16.380	2424	2430	2443	rVB	188789	371855	10.94%	0.718%
75	16.956	2521	2528	2538	rBV2	105297	234307	6.89%	0.452%
76	17.398	2599	2603	2613	rVB2	27452	63422	1.87%	0.122%

Sum of corrected areas: 51805902

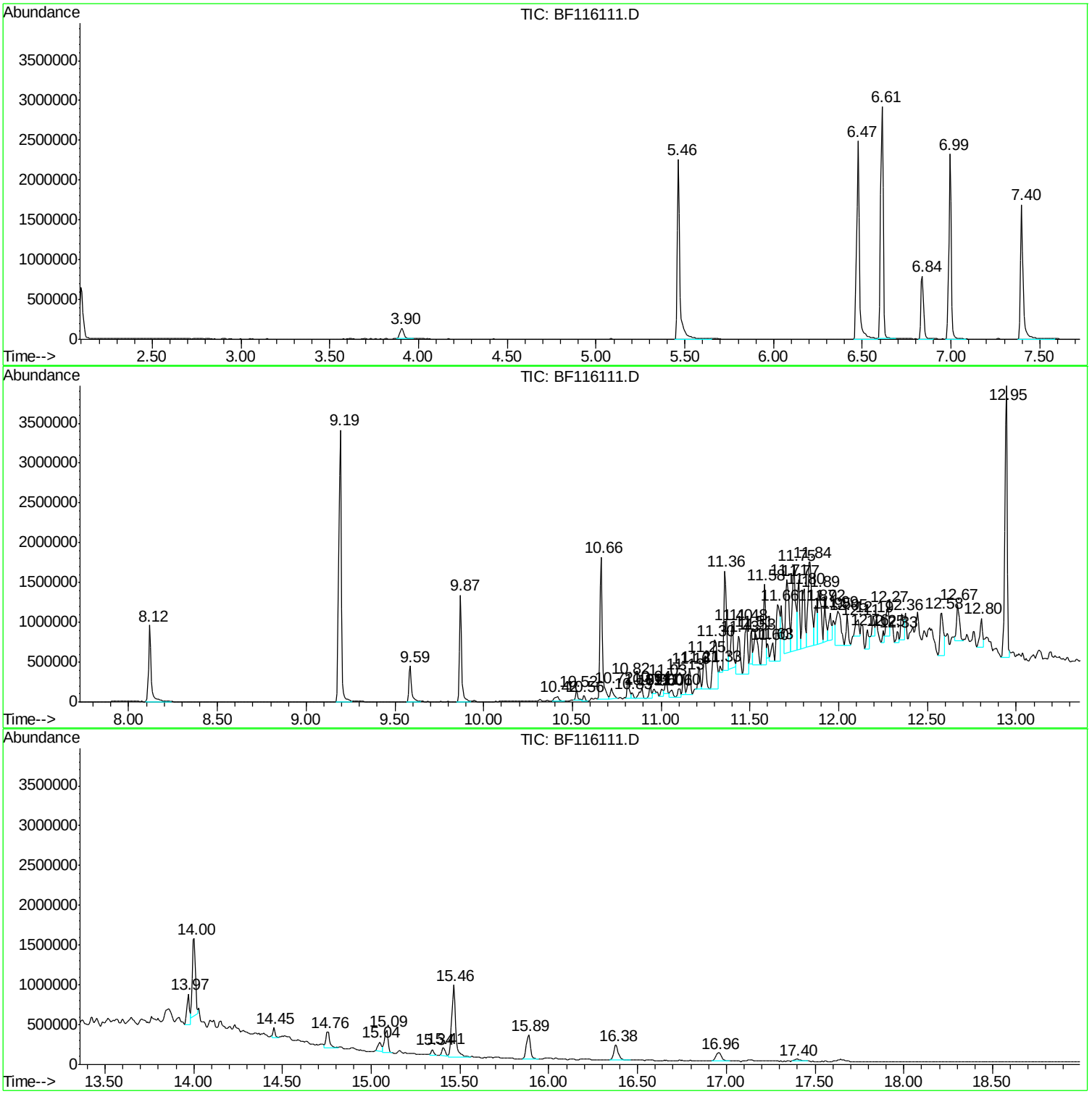
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

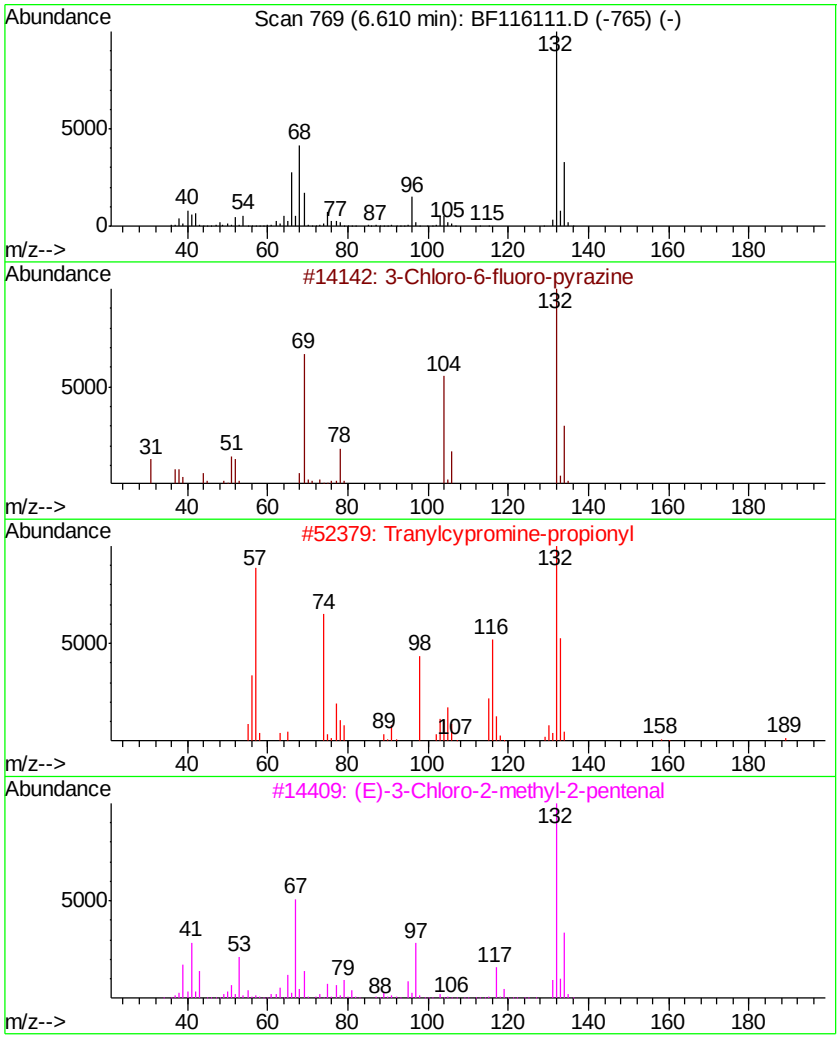
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

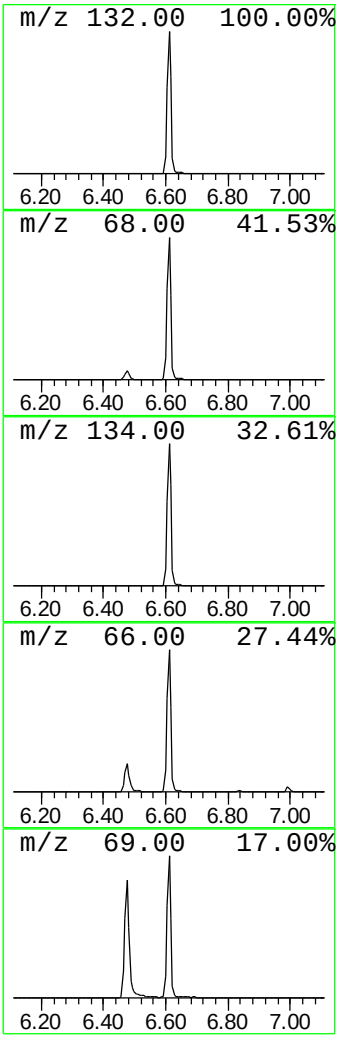
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.71 ng	2660060	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

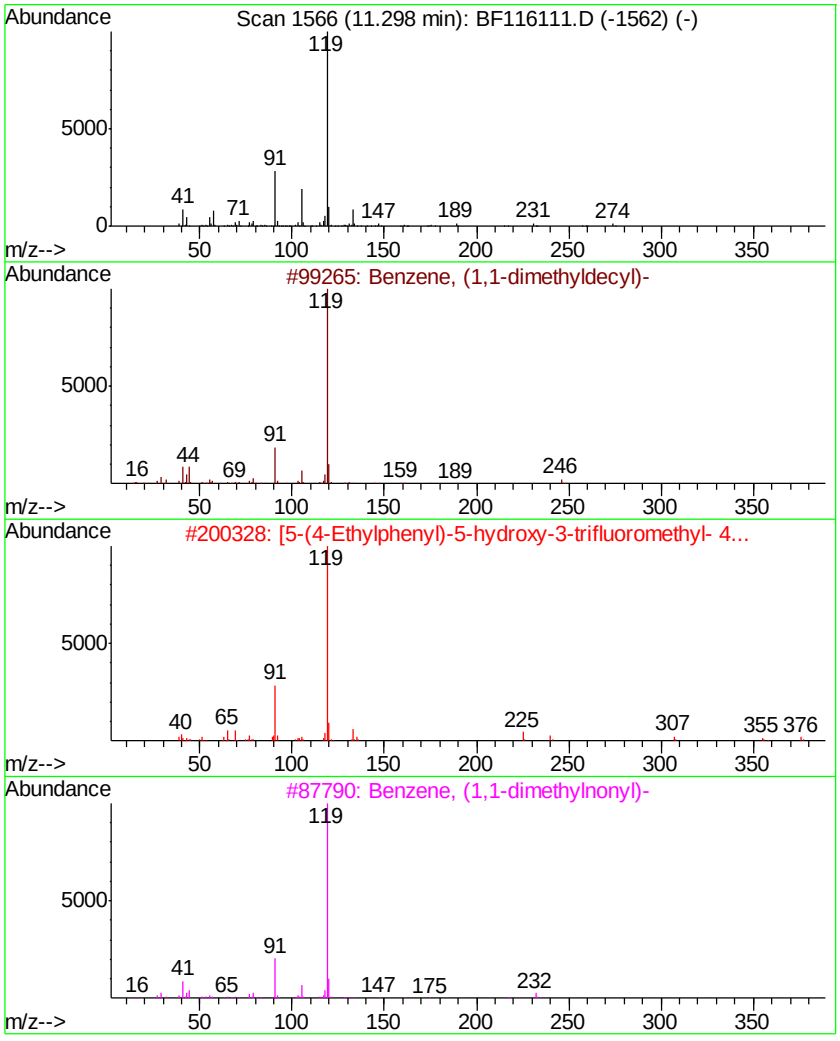
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

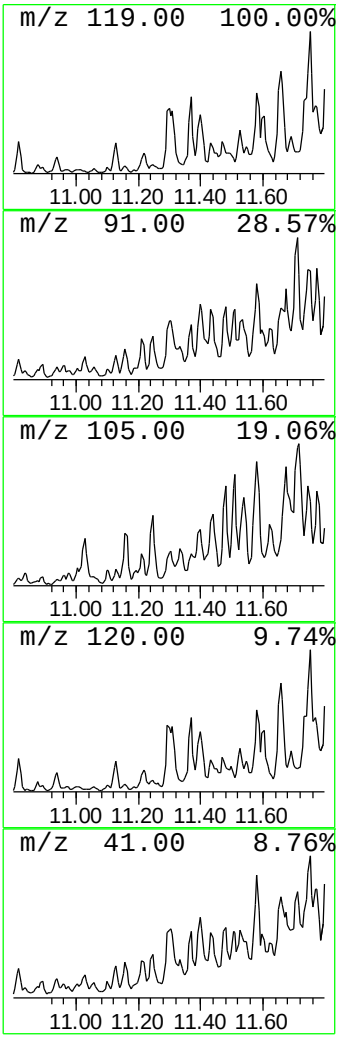
****

Peak Number 3 Benzene, (1,1-dimethyldecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	14.51 ng	1048470	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
2	[5-(4-Ethylphenyl)-5-hydroxy-3-t...	376	C20H19F3N2O2	1000311-59-5	59
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
5	Benzoic acid, 4-methyl-, (5,6,7,...	294	C19H18O3	1000265-20-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

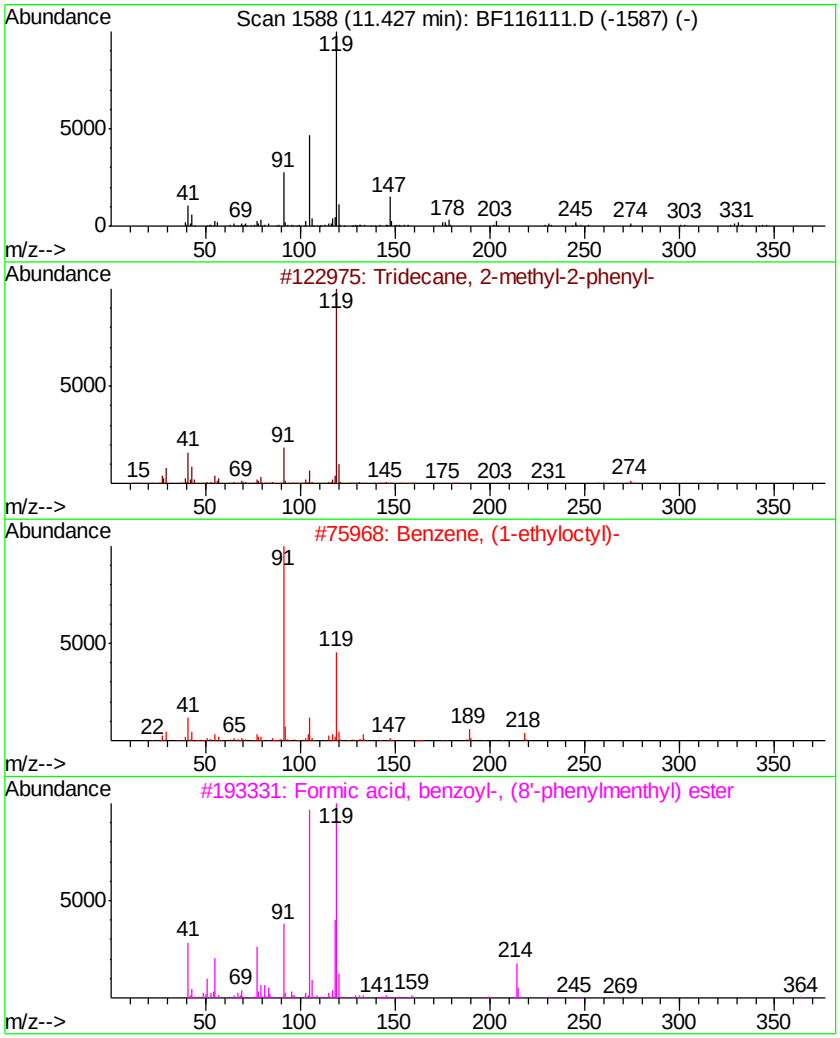
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

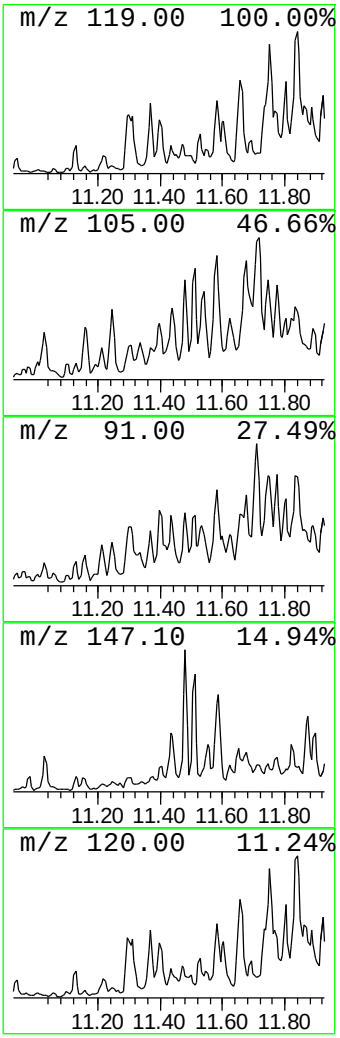
****

Peak Number 4 Tridecane, 2-methyl-2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	7.19 ng	519730	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	53
3	Formic acid, benzoyl-, (8'-phenyl...	364	C24H28O3	088002-15-7	53
4	Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	50
5	3-Benzofurancarboxylic acid, 2,3...	178	C10H10O3	039891-56-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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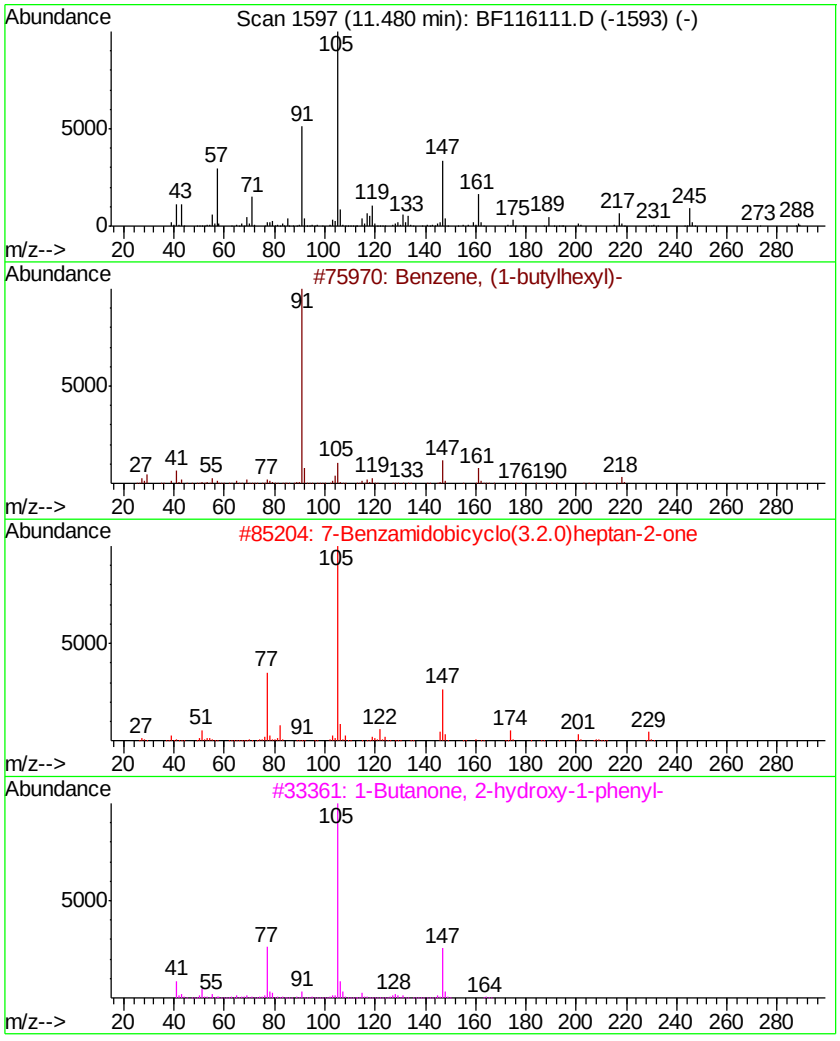
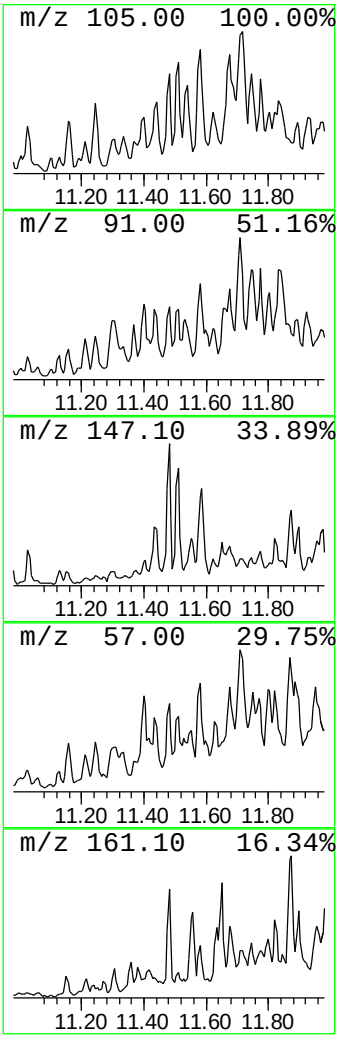
Peak Number 5 unknown11.48 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	8.97 ng	648412	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	42
2	7-Benzamidobicyclo(3.2.0)heptan-...	229	C14H15NO2	1000241-65-0	38
3	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	38
4	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	38
5	2-Azetidinone, 1-phenyl-	147	C9H9NO	005099-95-6	38





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Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

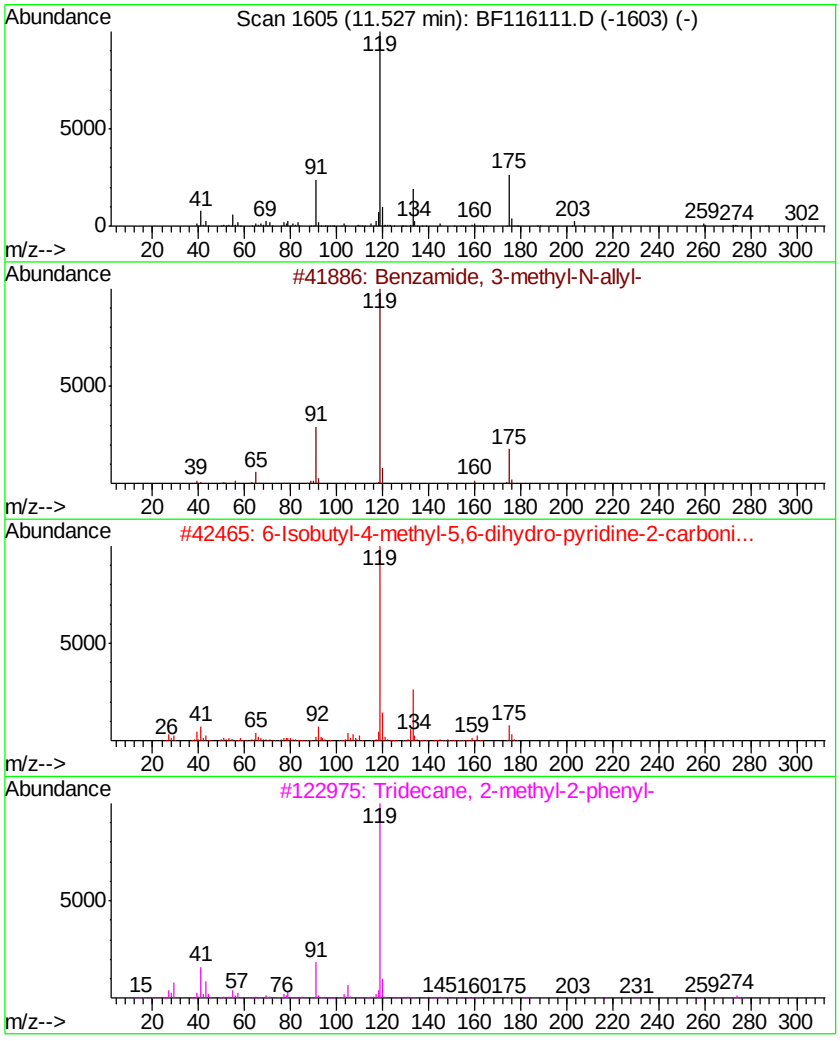
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

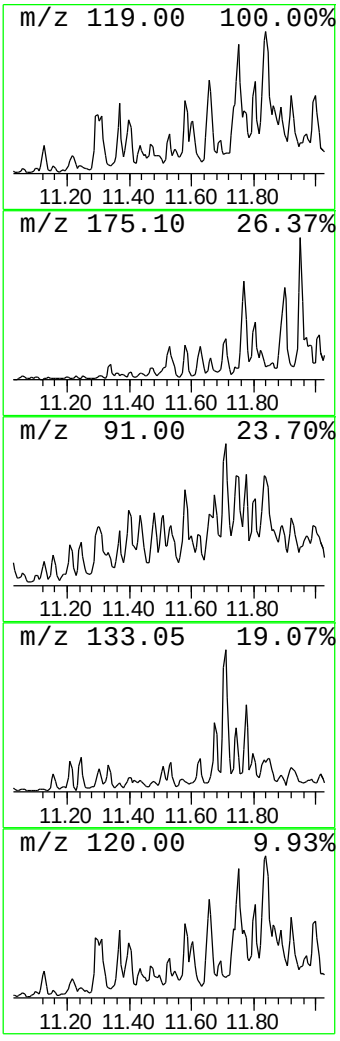
****

Peak Number 6 Benzamide, 3-methyl-N-allyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.08 ng	583564	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	59
2	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	50
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	47
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	47
5	2-Pyrazolin-5-ol, 5-tert-butyl-3...	328	C16H19F3N2O2	303133-47-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

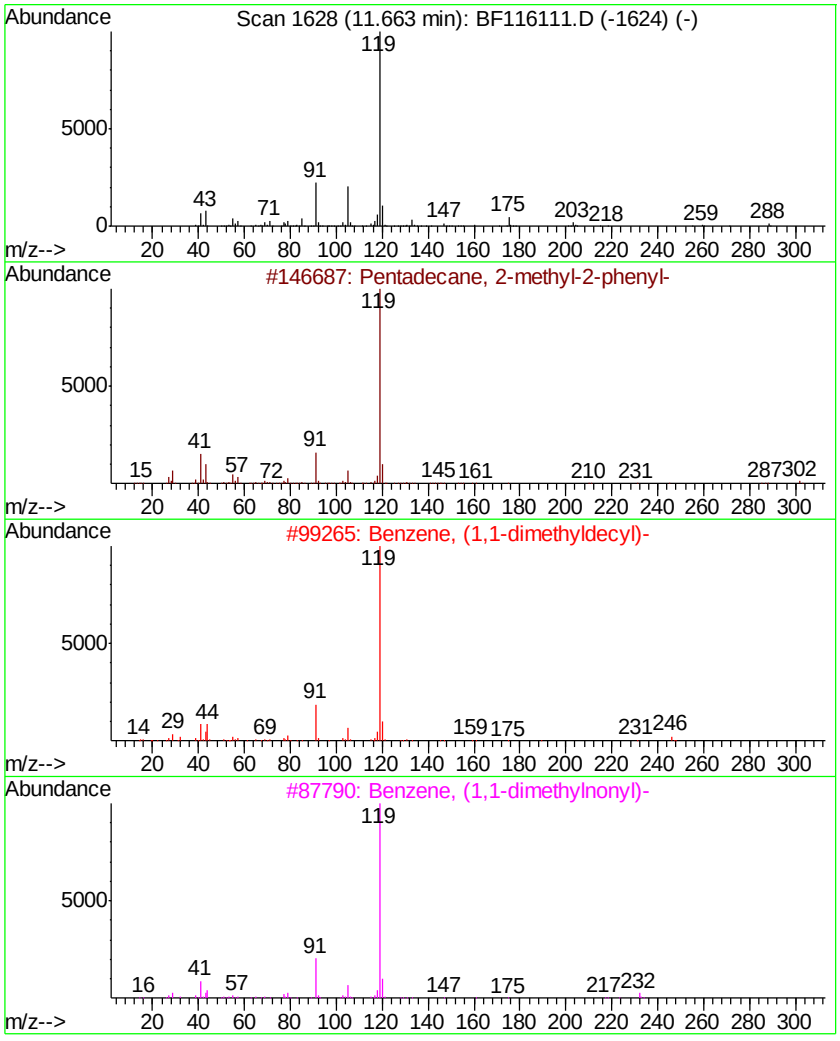
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

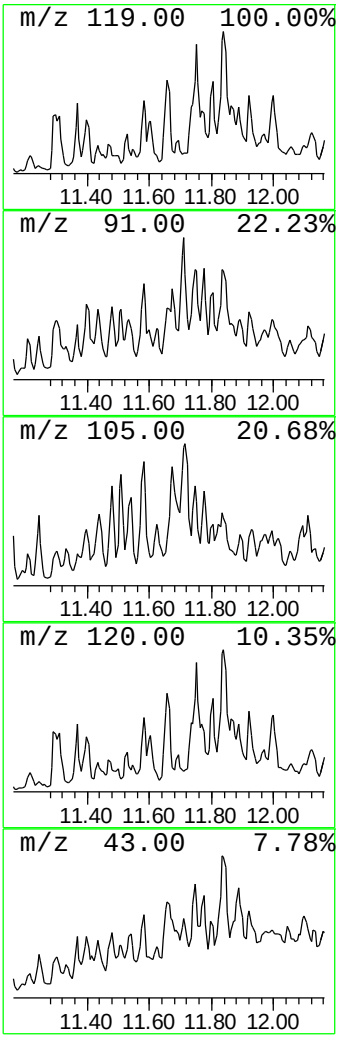
****

Peak Number 8 Pentadecane, 2-methyl-2-phe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	13.08 ng	945407	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
4	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	72
5	Dicumyl peroxide	270	C18H22O2	000080-43-3	72





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Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

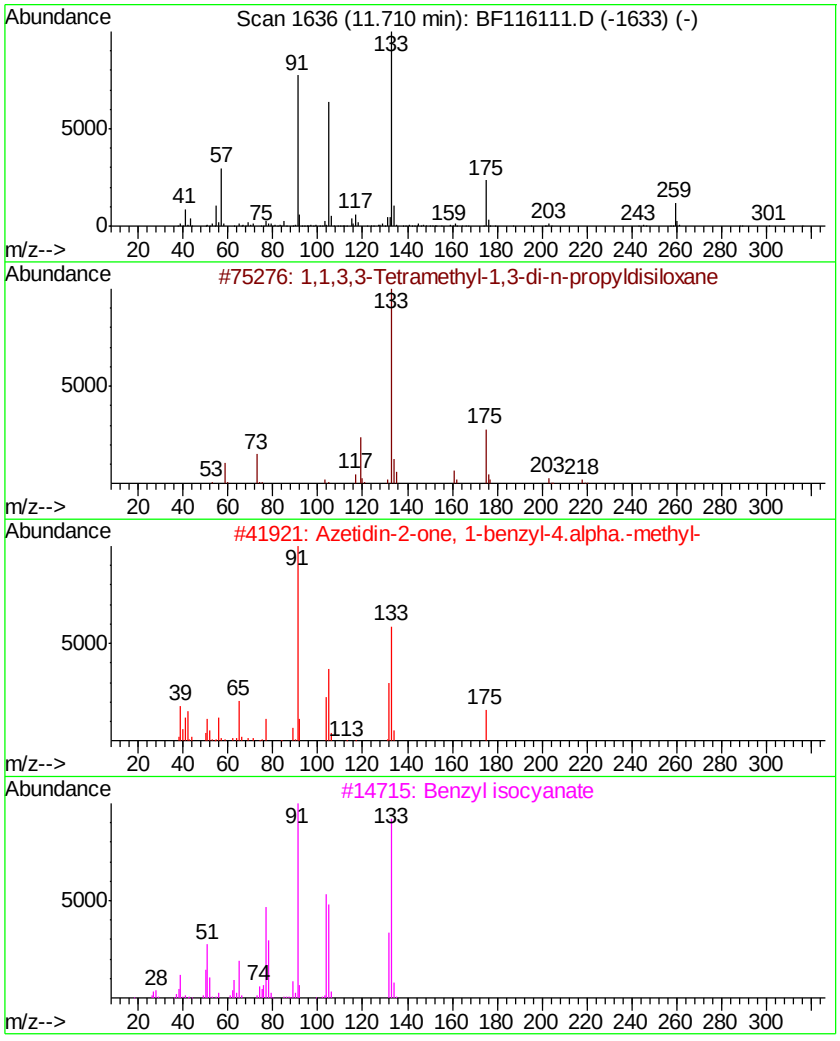
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

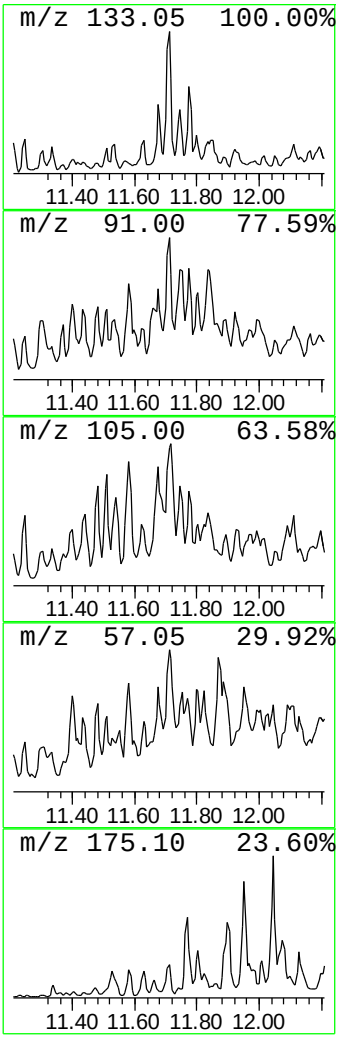
****

Peak Number 9 1,1,3,3-Tetramethyl-1,3-di-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	15.91 ng	1149490	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3-Tetramethyl-1,3-di-n-pro...	218	C10H26OSi2	018001-73-5	59
2	Azetidin-2-one, 1-benzyl-4.alpha...	175	C11H13NO	004391-83-7	50
3	Benzyl isocyanate	133	C8H7NO	003173-56-6	50
4	Benzamide, 4-ethyl-N-(4-chloroph...	259	C15H14ClNO	1000340-35-1	47
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	47





Library Search Compound Report

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Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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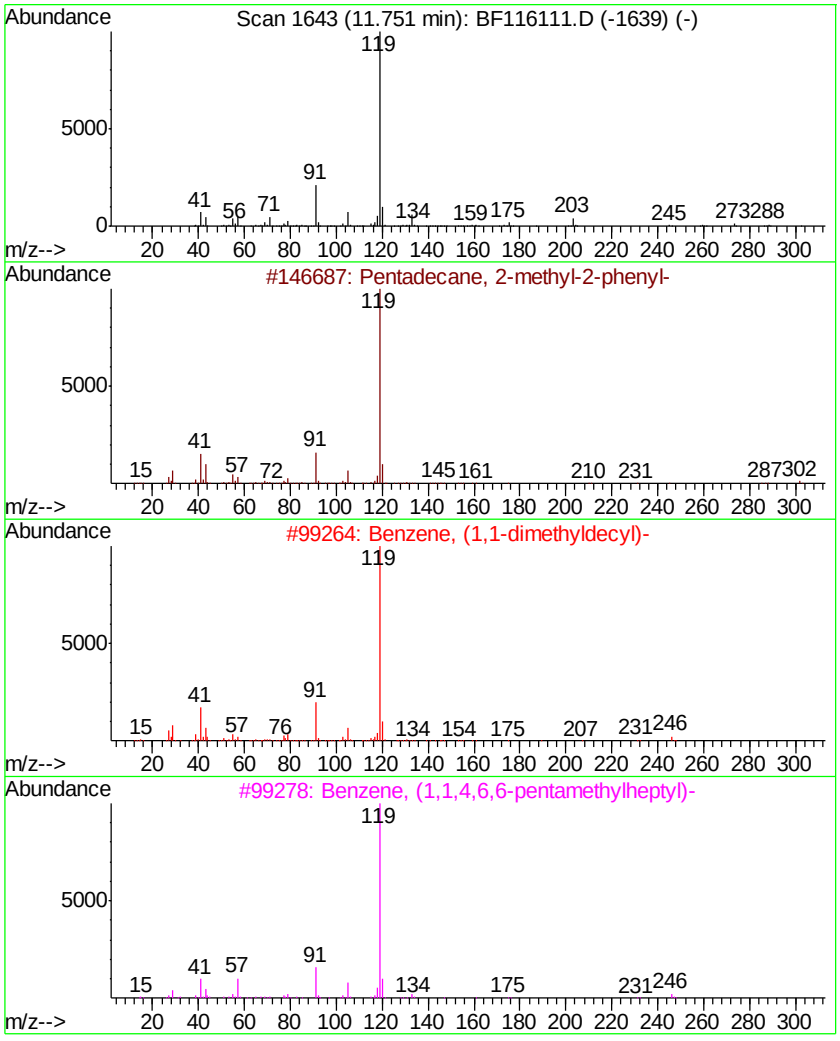
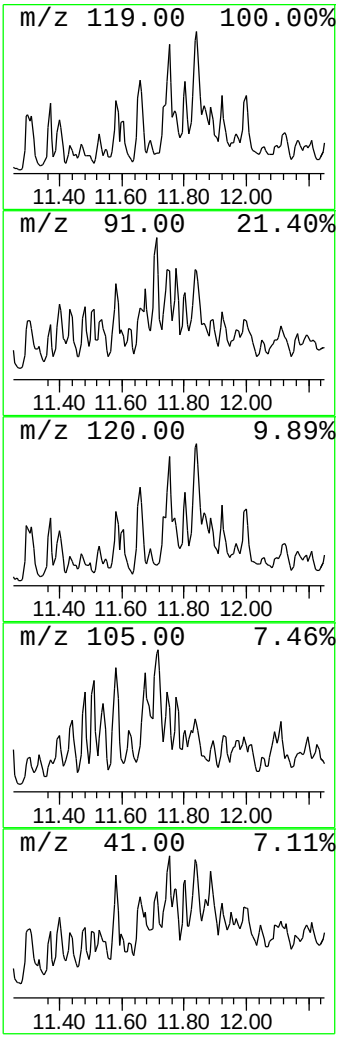
Peak Number 10 Benzene, (1,1,4,6,6-pentame... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	20.42 ng	1475330	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64





Library Search Compound Report

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Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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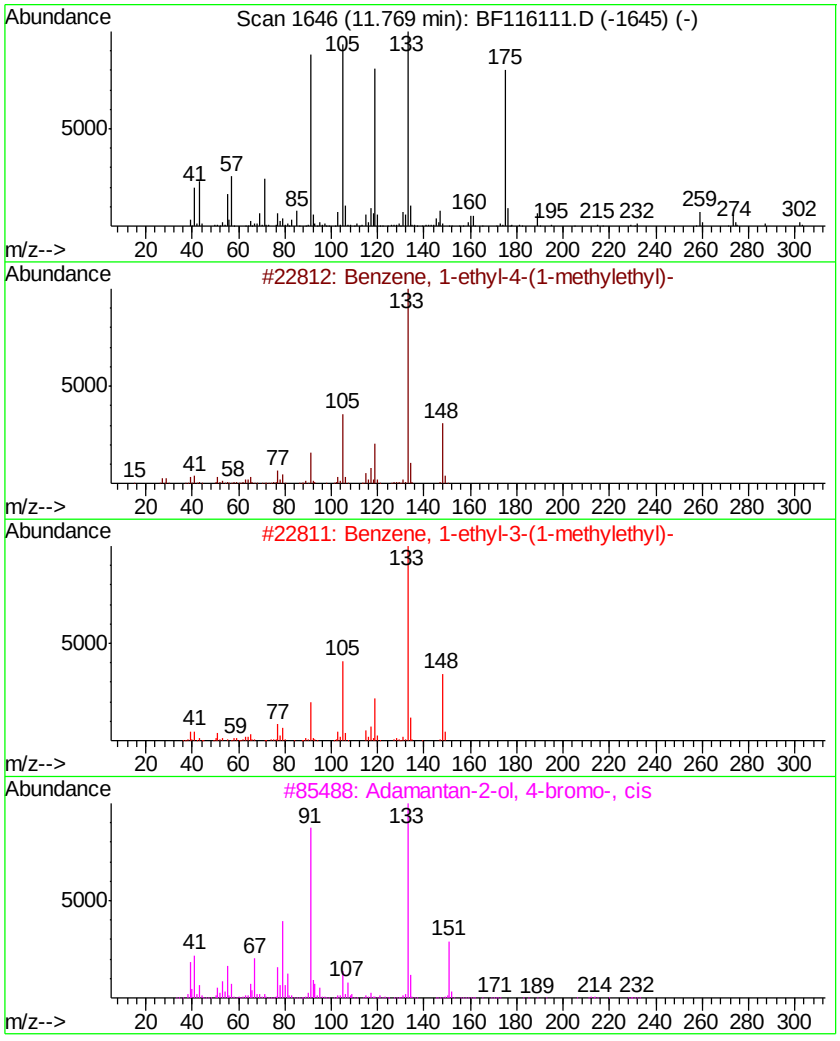
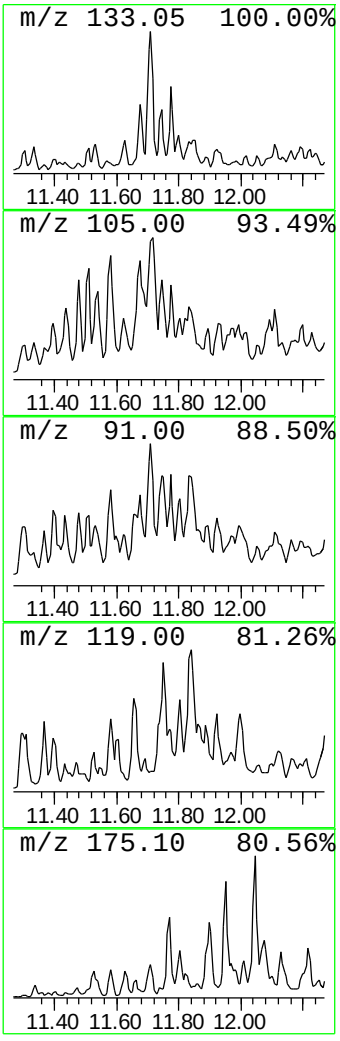
Peak Number 11 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	10.81 ng	781487	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
3	Adamantan-2-ol, 4-bromo-, cis	230	C10H15BrO	033782-47-7	50
4	1H-Benzotriazole, 1-methyl-	133	C7H7N3	013351-73-0	50
5	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	47





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Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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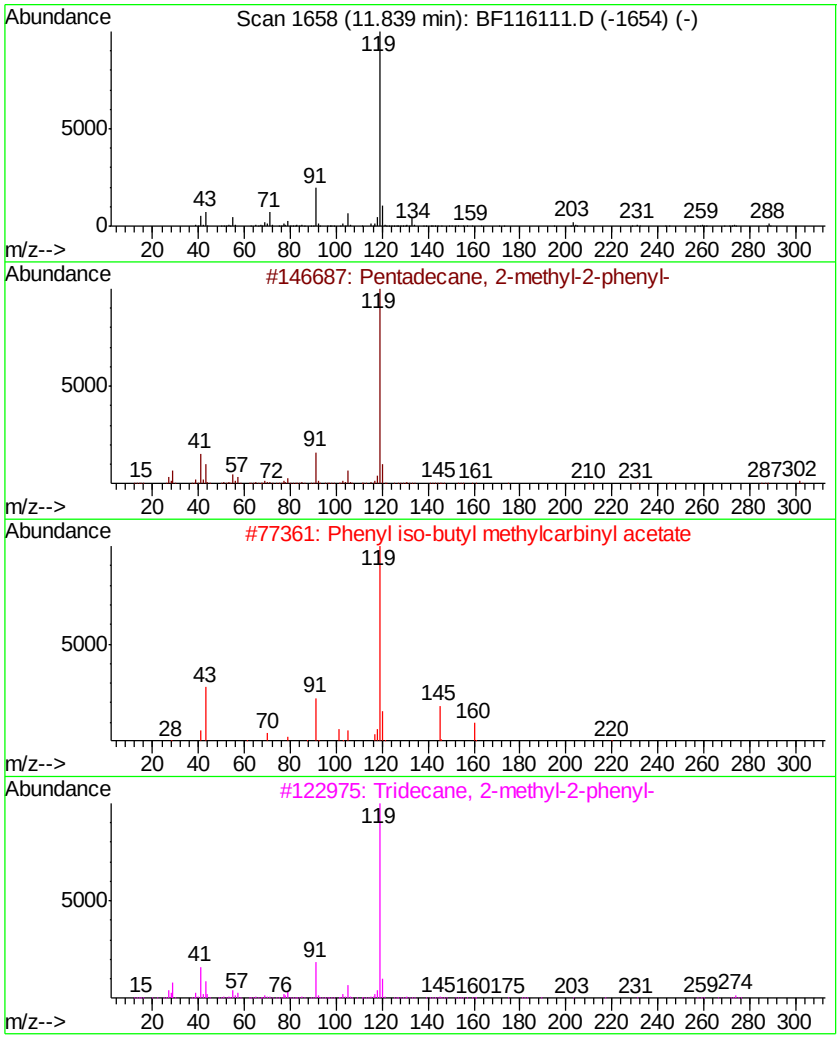
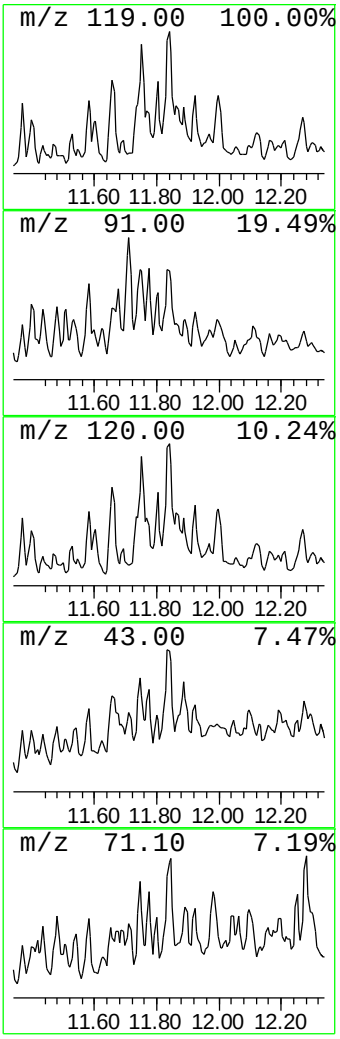
Peak Number 13 Phenyl iso-butyl methylcarb... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	23.17 ng	1674580	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	80
2	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	72
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
5	3-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-27-0	64





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Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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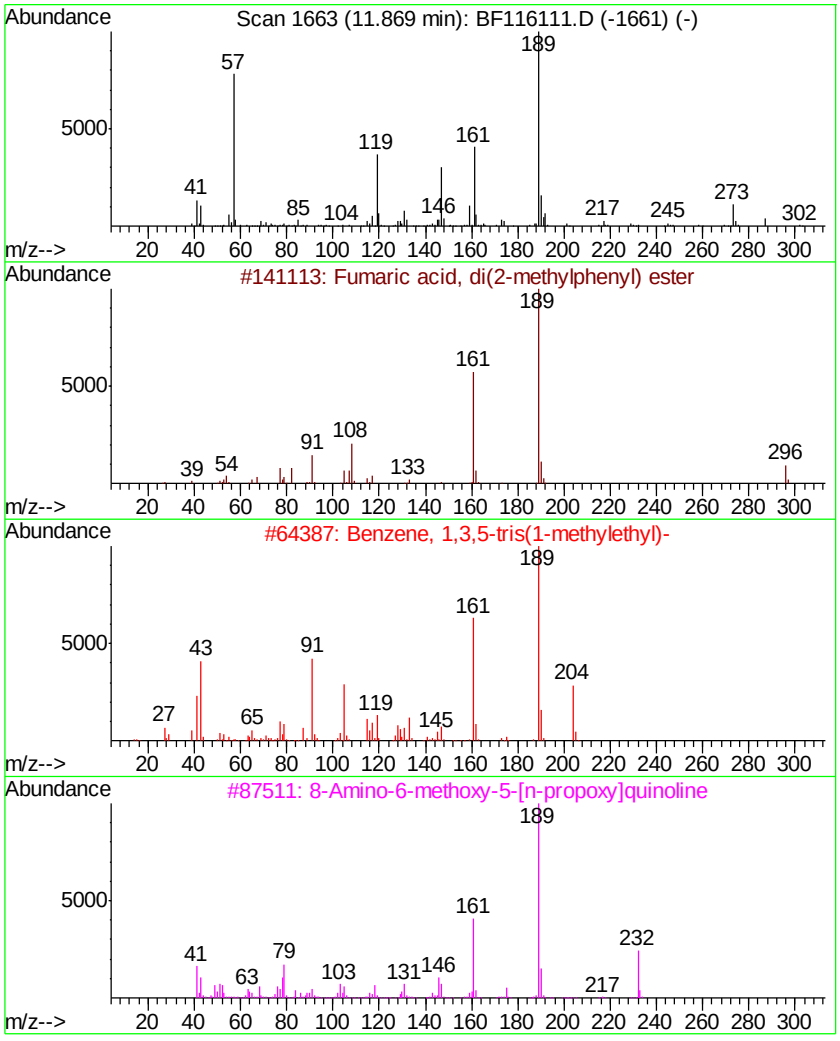
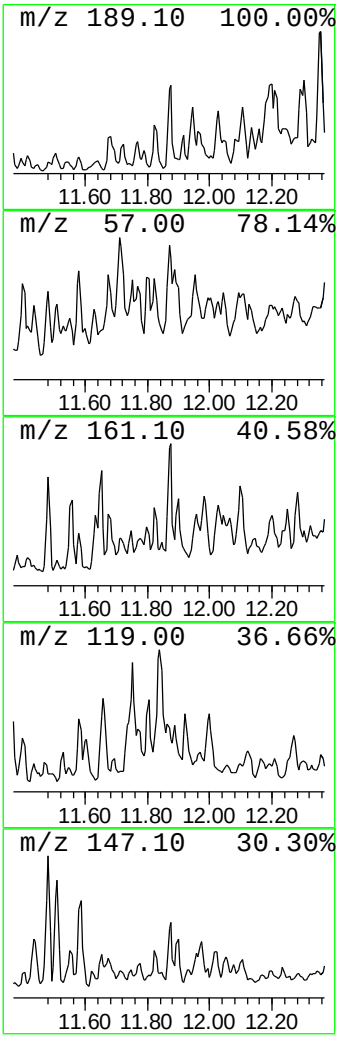
Peak Number 14 unknown11.87 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	8.27 ng	597388	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, di(2-methylphenyl)...	296	C18H16O4	1000339-35-9	47
2	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	47
3	8-Amino-6-methoxy-5-[n-propoxylq...	232	C13H16N2O2	081358-72-7	38
4	8-Amino-5-[p-chlorobenzyloxyl-6-...	314	C17H15ClN2O2	064992-82-1	38
5	Silane, diethylethoxy(2-methylbu...	218	C11H26O2Si	1000363-09-5	38





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Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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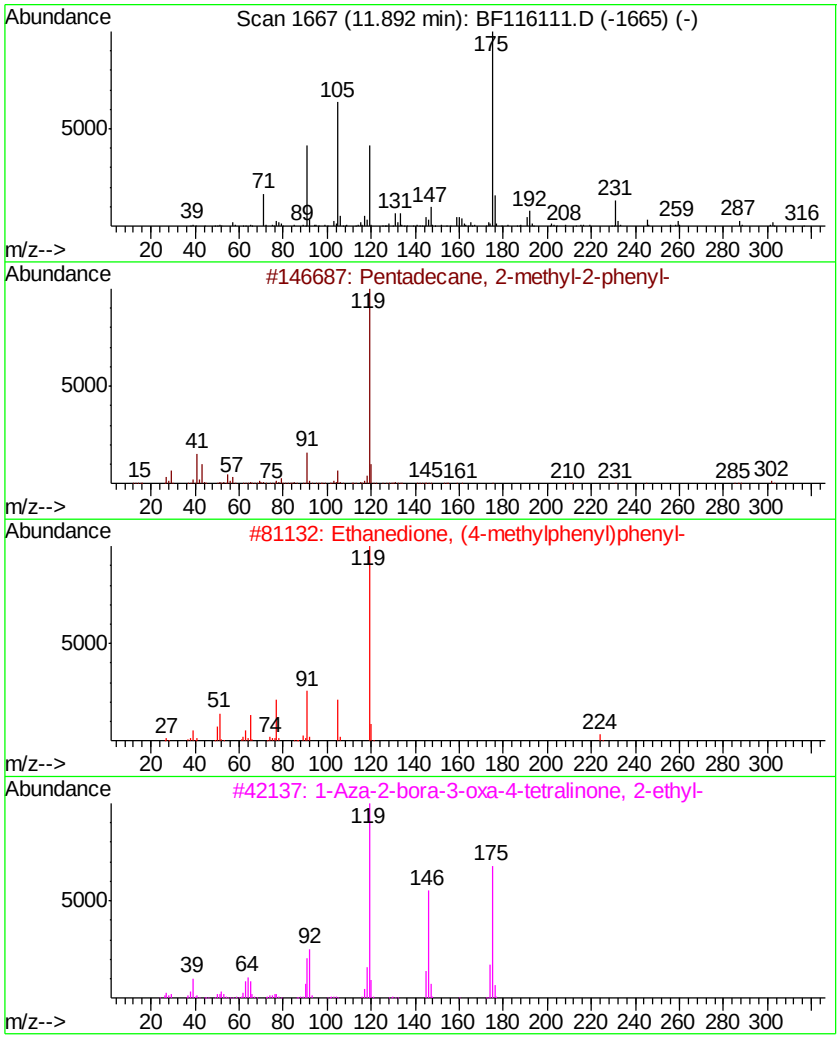
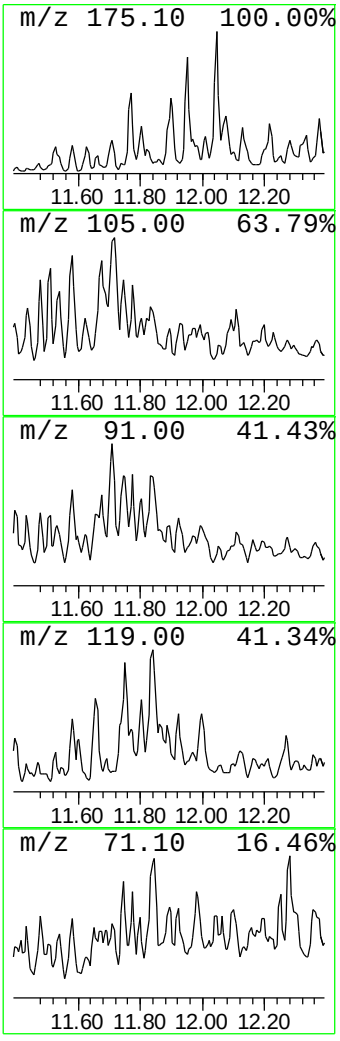
Peak Number 15 unknown11.89 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.66 ng	698082	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	55
2	Ethanedione, (4-methylphenyl)phe...	224	C15H12O2	002431-00-7	47
3	1-Aza-2-bora-3-oxa-4-tetralinone...	175	C9H10BNO2	1000159-62-7	45
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	43
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	43





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Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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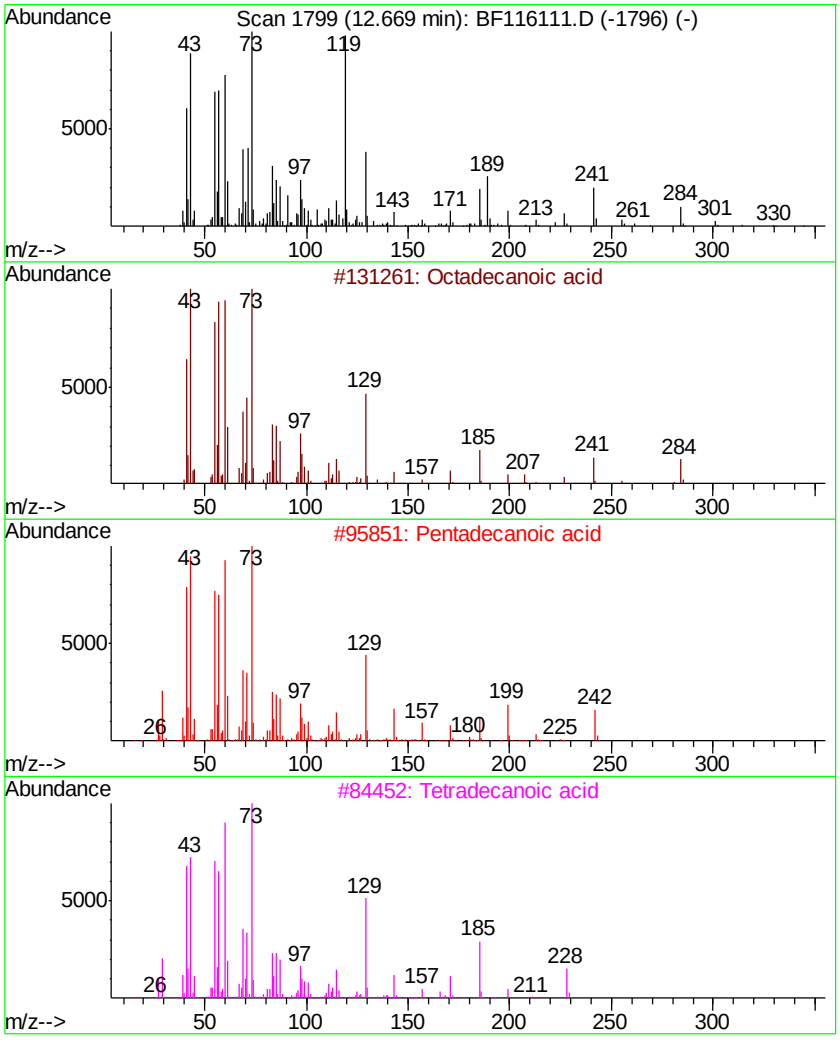
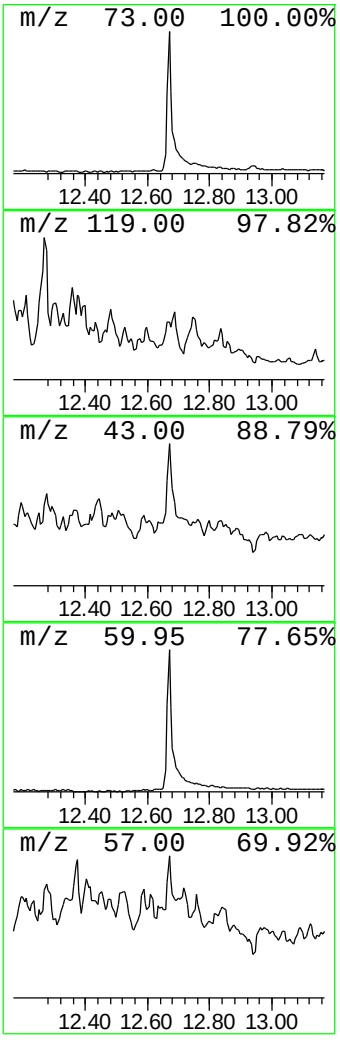
Peak Number 18 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	7.81 ng	564711	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	56
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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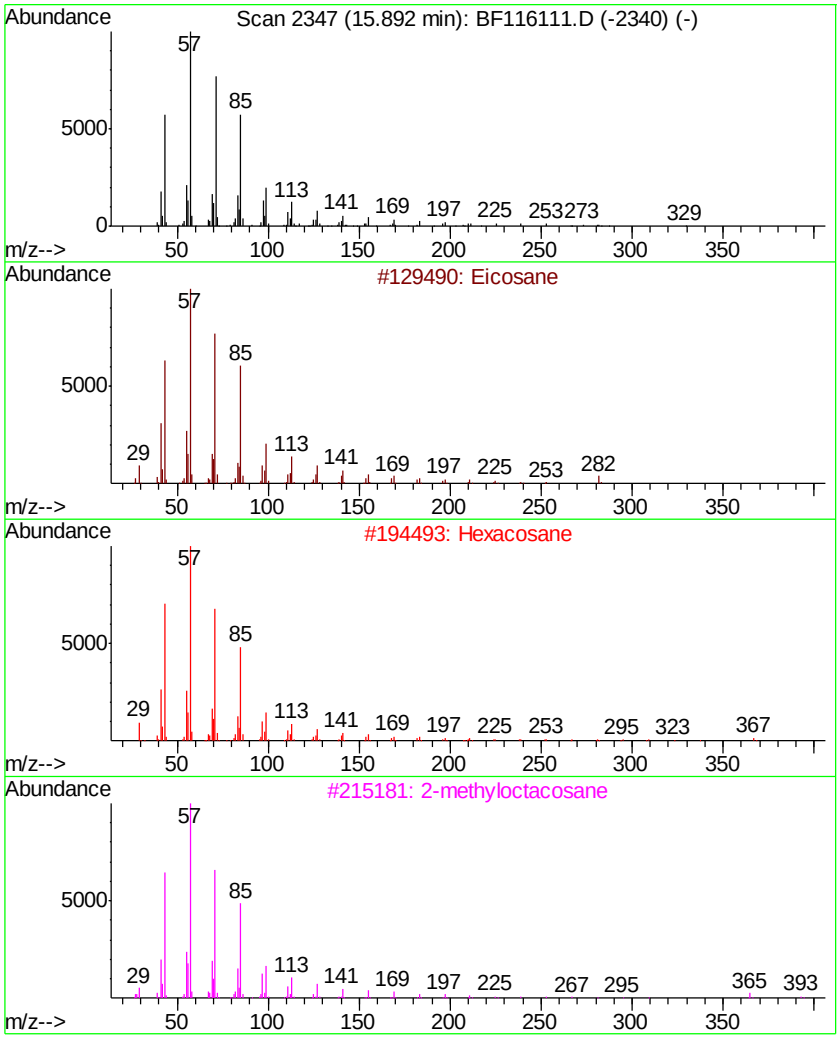
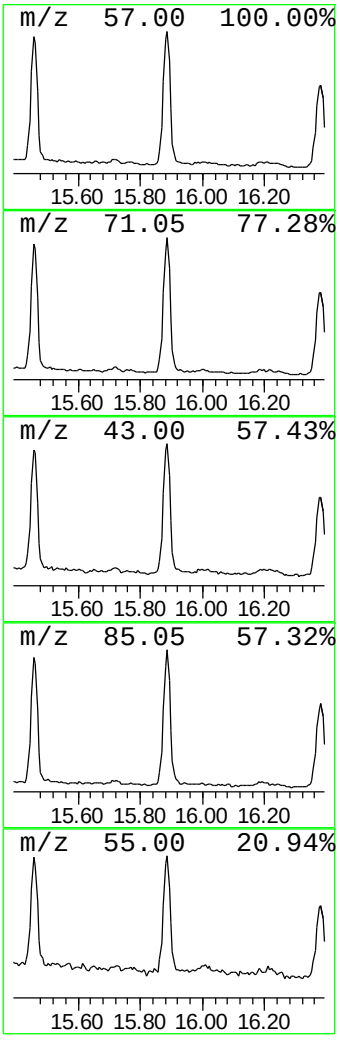
Peak Number 19 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	6.75 ng	455533	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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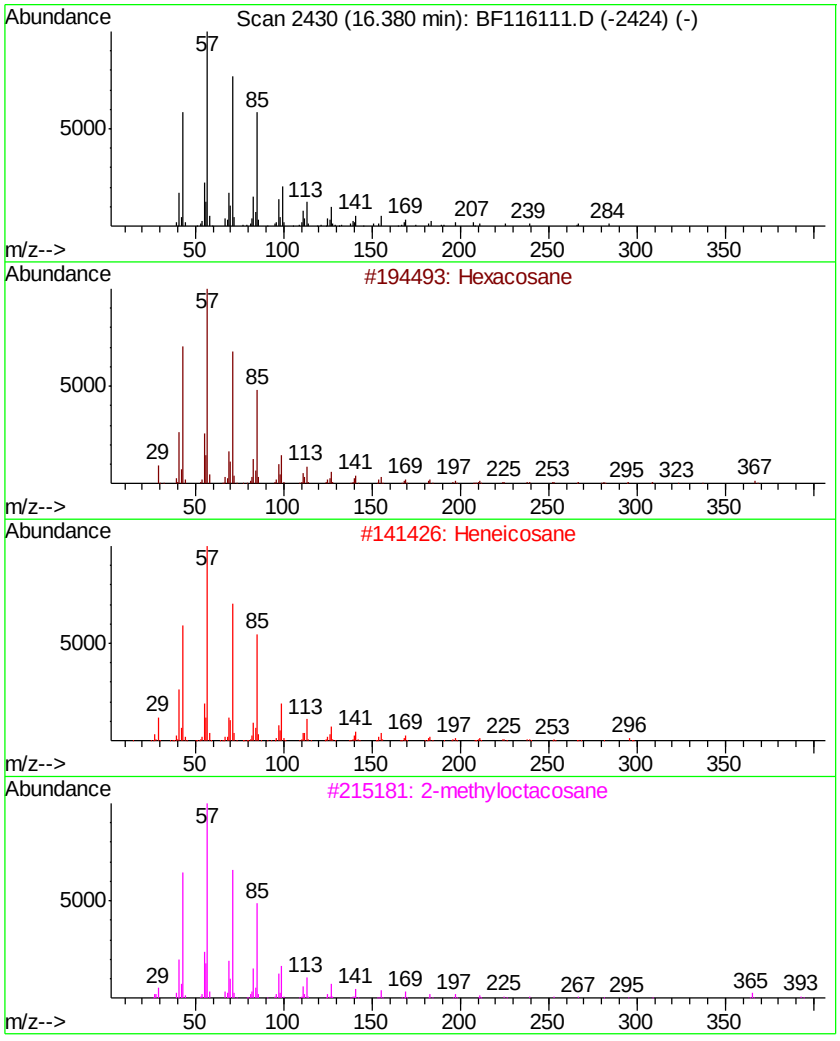
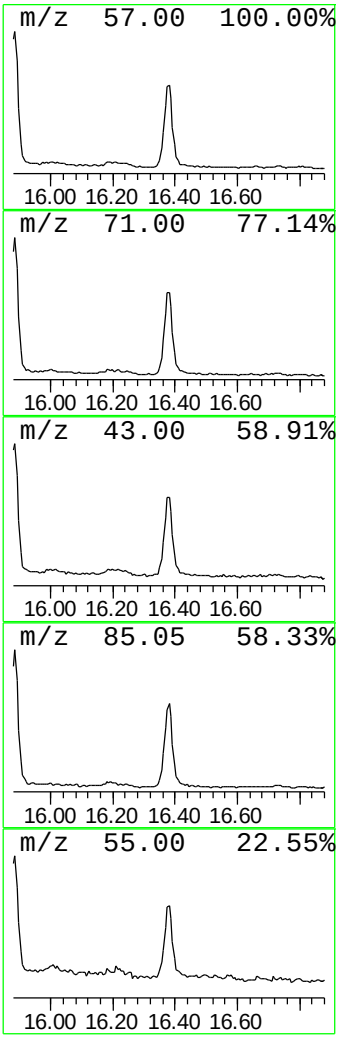
Peak Number 20 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	5.51 ng	371855	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080919\
Data File : BF116111.D
Acq On : 9 Aug 2019 14:19
Operator : HP/JU
Sample : K4152-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.61	6.61	70.7	ng	2660060	1	6.84	752338	20.0
Benzene, (1,1-dim...	11.30	14.5	ng	1048470	4	11.36	1445320	20.0
Tridecane, 2-meth...	11.43	7.2	ng	519730	4	11.36	1445320	20.0
unknown11.48	11.48	9.0	ng	648412	4	11.36	1445320	20.0
Benzamide, 3-meth...	11.53	8.1	ng	583564	4	11.36	1445320	20.0
Pentadecane, 2-me...	11.66	13.1	ng	945407	4	11.36	1445320	20.0
1,1,3,3-Tetrameth...	11.71	15.9	ng	1149490	4	11.36	1445320	20.0
Benzene, (1,1,4,6...	11.75	20.4	ng	1475330	4	11.36	1445320	20.0
Benzene, 1-ethyl-...	11.77	10.8	ng	781487	4	11.36	1445320	20.0
Phenyl iso-butyl ...	11.84	23.2	ng	1674580	4	11.36	1445320	20.0
unknown11.87	11.87	8.3	ng	597388	4	11.36	1445320	20.0
unknown11.89	11.89	9.7	ng	698082	4	11.36	1445320	20.0
Octadecanoic acid	12.67	7.8	ng	564711	4	11.36	1445320	20.0
Eicosane	15.89	6.8	ng	455533	6	15.46	1350180	20.0
Hexacosane	16.38	5.5	ng	371855	6	15.46	1350180	20.0