LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115953.D
Acq On : 2 Aug 2019 18:18
Operator : HP/JU
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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	5.469	571	575	598	rBV	1943945	1950385	54.28%	3.929%
2	6.481	743	747	764	rBV	2141248	2155849	60.00%	4.343%
3	6.622	767	771	774	rBV	2417426	2092646	58.24%	4.216%
4	6.851	806	810	818	rBV	722891	614395	17.10%	1.238%
5	7.004	833	836	852	rVB	1829310	1691216	47.07%	3.407%
6	7.410	901	905	920	rBV	1474769	1327158	36.93%	2.674%
7	8.134	1024	1028	1037	rBV	784717	761902	21.20%	1.535%
8	9.210	1207	1211	1222	rBV	2763487	2421687	67.40%	4.878%
9	9.604	1275	1278	1282	rBV2	213099	260454	7.25%	0.525%
10	9.822	1313	1315	1320	rVB	66598	58513	1.63%	0.118%
11	9.892	1323	1327	1330	rVV	1155414	1002464	27.90%	2.019%
12	9.922	1330	1332	1337	rVB	92260	97472	2.71%	0.196%
13	10.051	1351	1354	1357	rBV2	49299	64891	1.81%	0.131%
14	10.151	1367	1371	1374	rBV3	102526	132091	3.68%	0.266%
15	10.269	1387	1391	1394	rVB	49456	53651	1.49%	0.108%
16	10.304	1394	1397	1398	rBV	78935	82318	2.29%	0.166%
17	10.322	1398	1400	1403	rVV	247563	193121	5.37%	0.389%
18	10.351	1403	1405	1408	rVV2	79409	95918	2.67%	0.193%
19	10.375	1408	1409	1415	rVB2	67182	79710	2.22%	0.161%
20	10.445	1415	1421	1425	rBV3	113457	182207	5.07%	0.367%
21	10.545	1433	1438	1440	rBV	617788	676495	18.83%	1.363%
22	10.598	1444	1447	1449	rVB	127269	113451	3.16%	0.229%
23	10.633	1449	1453	1455	rBV2	120316	145364	4.05%	0.293%
24	10.680	1458	1461	1467	rVB	1497977	1420277	39.53%	2.861%
25	10.810	1478	1483	1490	rBV	1212797	1772765	49.34%	3.571%
26	10.869	1490	1493	1494	rVV	64793	58450	1.63%	0.118%
27	10.945	1503	1506	1509	rBV2	73710	100607	2.80%	0.203%
28	10.986	1510	1513	1515	rVV	299140	313250	8.72%	0.631%
29	11.022	1517	1519	1522	rVB	362685	320730	8.93%	0.646%
30	11.057	1522	1525	1527	rBV	180495	169484	4.72%	0.341%
31	11.080	1527	1529	1532	rBV	199600	191966	5.34%	0.387%
32	11.122	1533	1536	1537	rVV2	234192	201587	5.61%	0.406%
33	11.139	1537	1539	1541	rVB	185619	143448	3.99%	0.289%
34	11.245	1554	1557	1559	rBV	611408	521720	14.52%	1.051%

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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

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

35	11.280	1559	1563	1568	rVB	1938084	2075432	57.76%	4.181%
36	11.328	1569	1571	1577	rVB4	142387	206954	5.76%	0.417%
37	11.380	1577	1580	1582	rBV	1330063	1218771	33.92%	2.455%
38	11.404	1582	1584	1586	rVB	521362	394445	10.98%	0.795%
39	11.492	1596	1599	1601	rBV	348684	311957	8.68%	0.628%
40	11.516	1601	1603	1607	rVB	386812	370422	10.31%	0.746%
41	11.557	1607	1610	1613	rBV	576115	494950	13.77%	0.997%
42	11.592	1613	1616	1617	rBV	304621	281269	7.83%	0.567%
43	11.627	1619	1622	1625	rVV	741358	718659	20.00%	1.448%
44	11.675	1627	1630	1632	rVV	568928	516563	14.38%	1.041%
45	11.722	1636	1638	1642	rVB2	321453	430004	11.97%	0.866%
46	11.839	1655	1658	1660	rBV	497757	587216	16.34%	1.183%
47	11.880	1663	1665	1667	rVB	249460	170205	4.74%	0.343%
48	11.910	1667	1670	1672	rBV2	417572	386612	10.76%	0.779%
49	11.933	1672	1674	1678	rBV3	350096	313154	8.72%	0.631%
50	11.969	1678	1680	1682	rBV	468253	519748	14.46%	1.047%
51	12.022	1687	1689	1692	rVB2	438389	361986	10.07%	0.729%
52	12.057	1692	1695	1697	rVB	388307	365260	10.17%	0.736%
53	12.080	1697	1699	1702	rBV	417438	469204	13.06%	0.945%
54	12.122	1704	1706	1708	rBV	270384	207199	5.77%	0.417%
55	12.145	1708	1710	1713	rBV	514553	444707	12.38%	0.896%
56	12.175	1713	1715	1717	rBV2	248072	239668	6.67%	0.483%
57	12.233	1723	1725	1727	rBV	519899	547761	15.24%	1.103%
58	12.304	1735	1737	1740	rBV2	304559	362539	10.09%	0.730%
59	12.369	1745	1748	1750	rVV	1069392	1028864	28.63%	2.073%
60	12.433	1756	1759	1763	rVB	501986	507384	14.12%	1.022%
61	12.545	1776	1778	1781	rBV	406450	370776	10.32%	0.747%
62	12.598	1781	1787	1789	rBV3	1158379	2174138	60.51%	4.380%
63	12.686	1800	1802	1805	rBV	603124	776265	21.60%	1.564%
64	12.827	1822	1826	1828	rBV2	1241948	1488433	41.42%	2.998%
65	12.969	1846	1850	1858	rBV2	2503471	3593267	100.00%	7.239%
66	13.851	1997	2000	2003	rBV2	654707	1007822	28.05%	2.030%
67	14.027	2027	2030	2033	rBV2	941859	1156476	32.18%	2.330%
68	15.074	2205	2208	2214	rVB	385788	587977	16.36%	1.184%
69	15.445	2268	2271	2276	rVB2	333124	498575	13.88%	1.004%
70	15.504	2277	2281	2291	rVB2	906374	1383361	38.50%	2.787%
71	16.198	2395	2399	2406	rVB2	412569	783978	21.82%	1.579%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.633	2469	2473	2482	rVB	426134	820405	22.83%	1.653%

Sum of corrected areas: 49640048

LSC Report - Integrated Chromatogram

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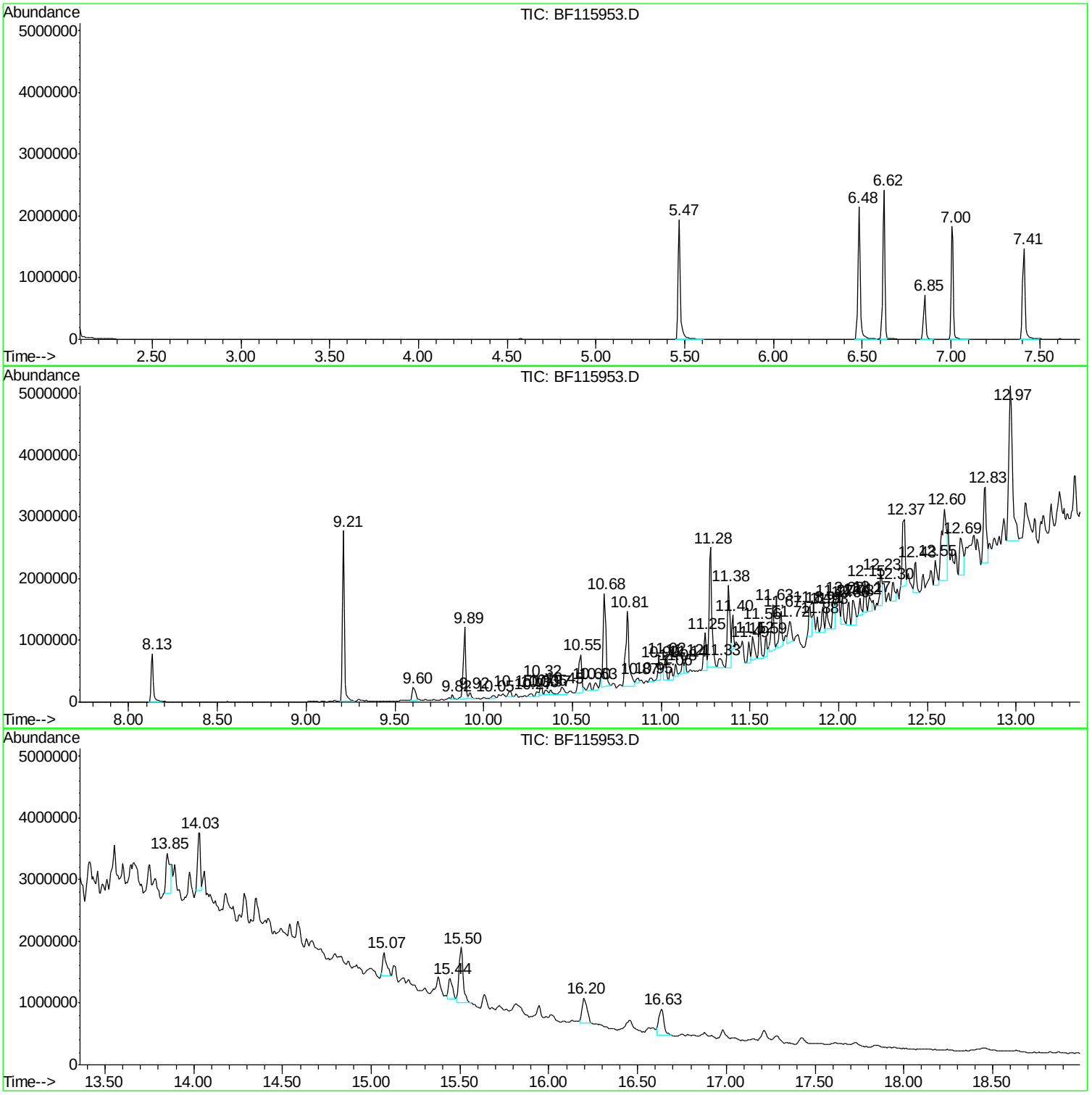
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115953.D
Acq On : 2 Aug 2019 18:18
Operator : HP/JU
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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

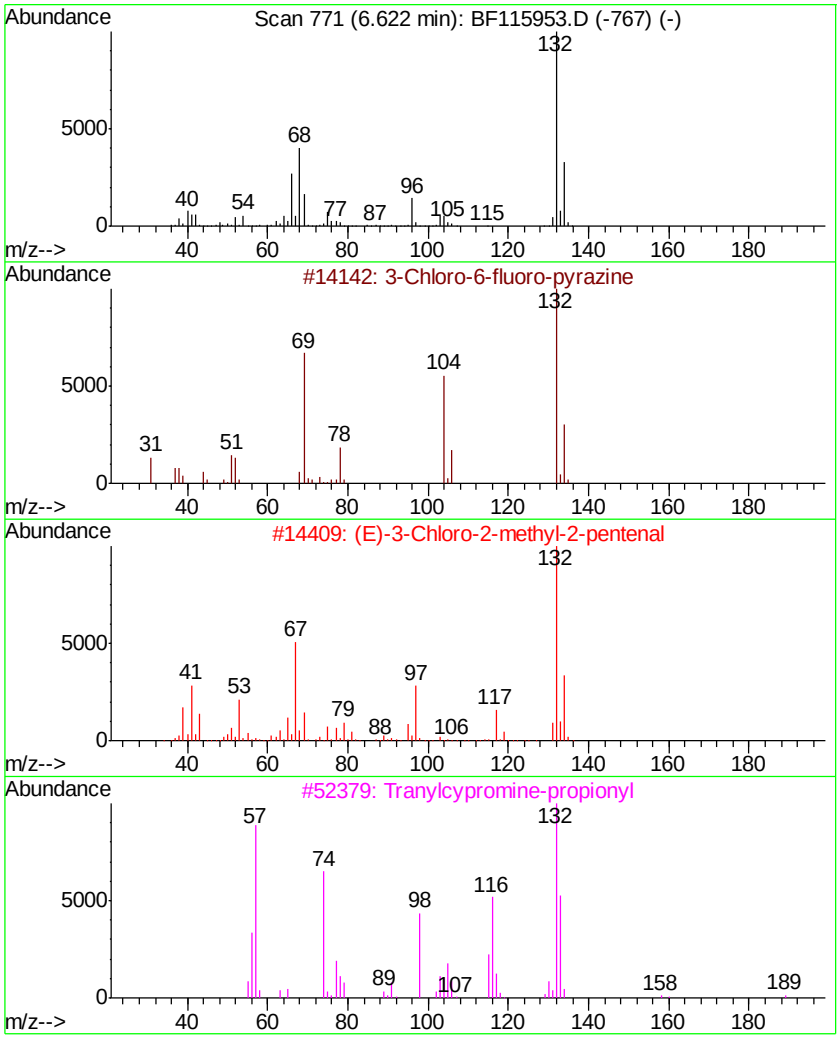
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

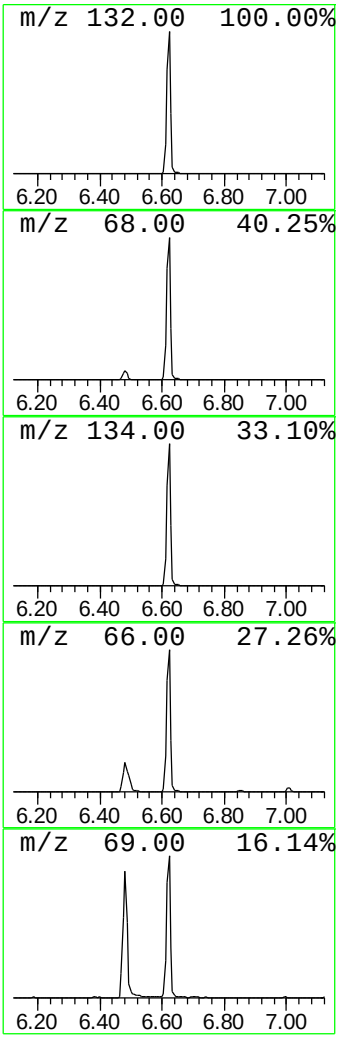
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.12 ng	2092650	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Data File : BF115953.D
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Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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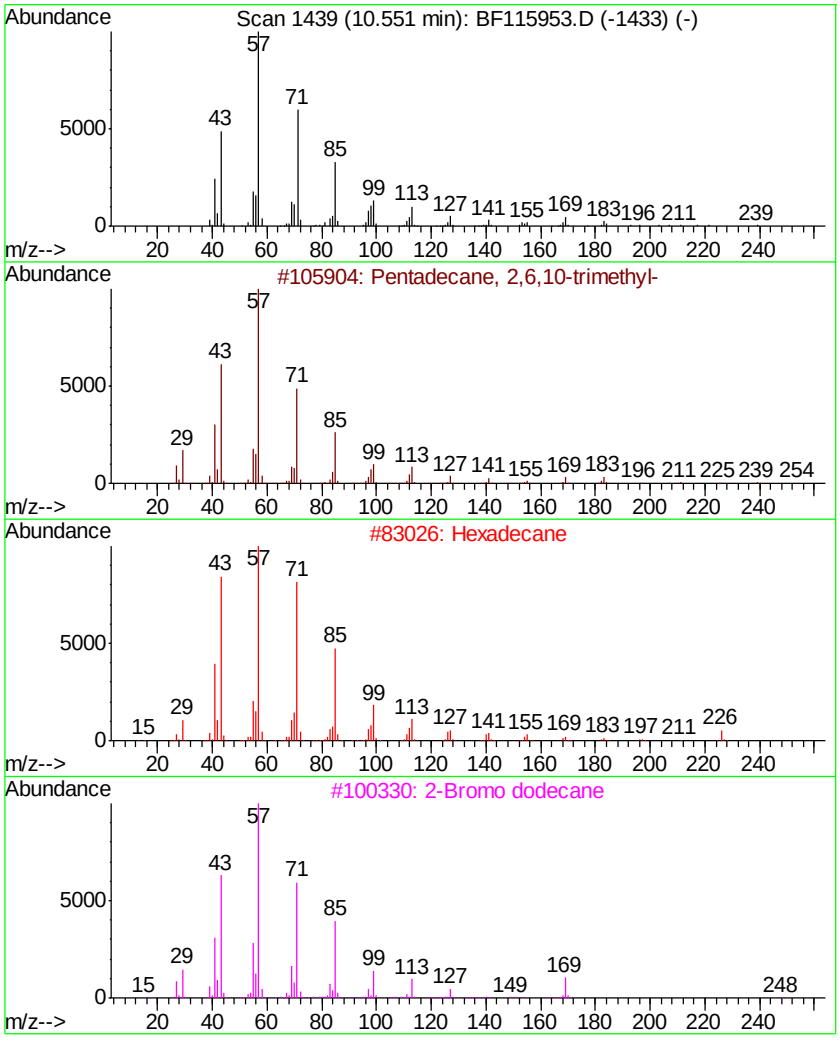
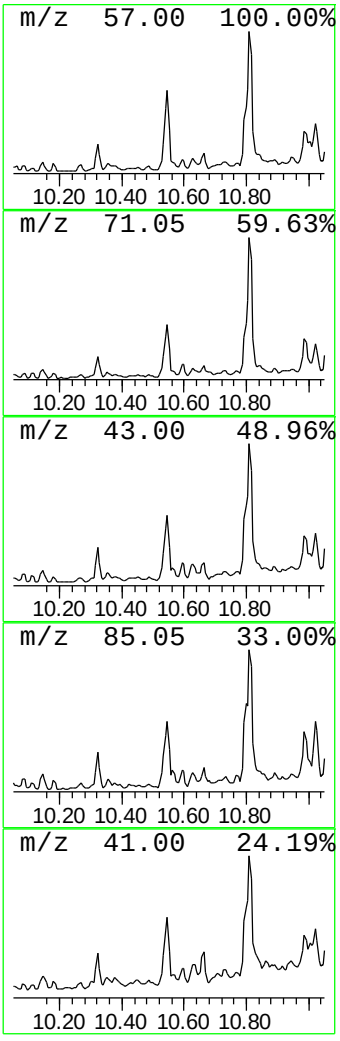
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	13.50 ng	676495	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115953.D
Acq On : 2 Aug 2019 18:18
Operator : HP/JU
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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

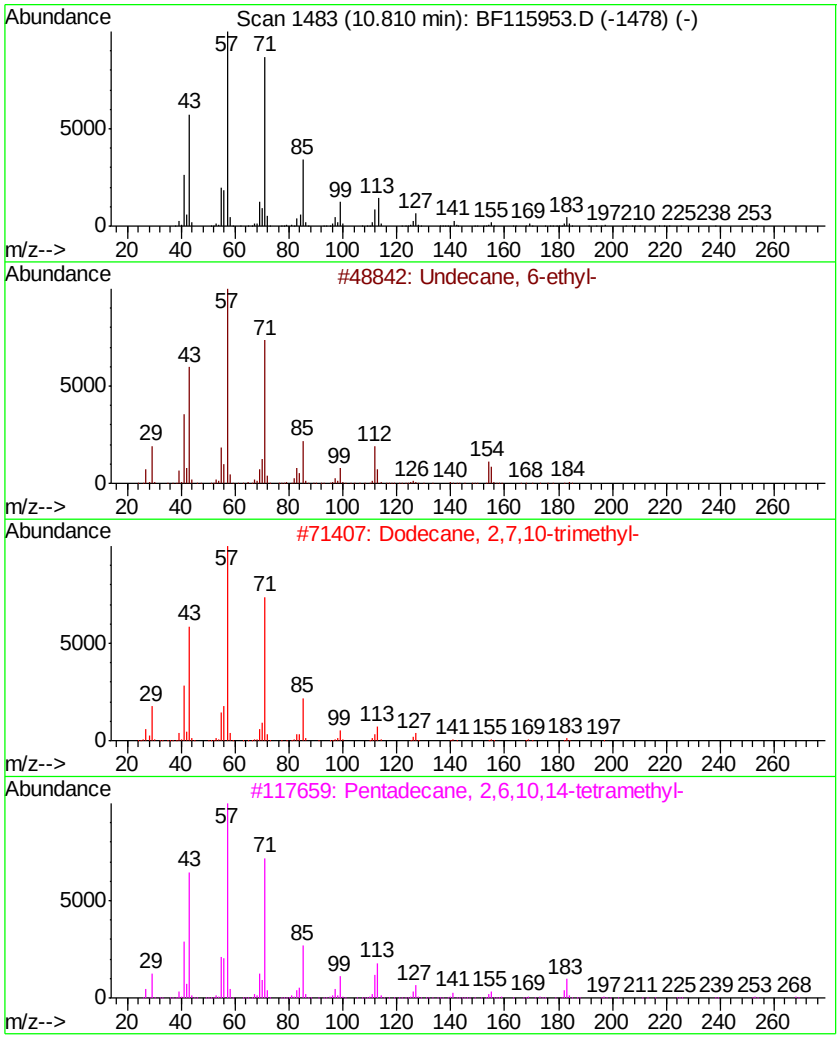
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

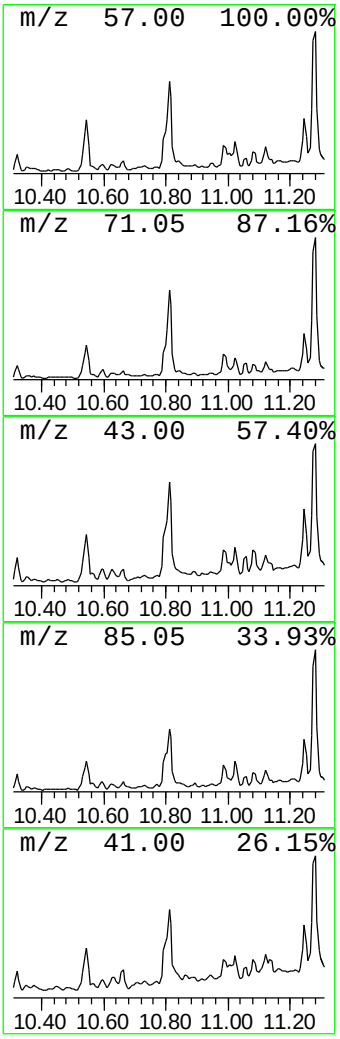
****

Peak Number 4 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	29.09 ng	1772770	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





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Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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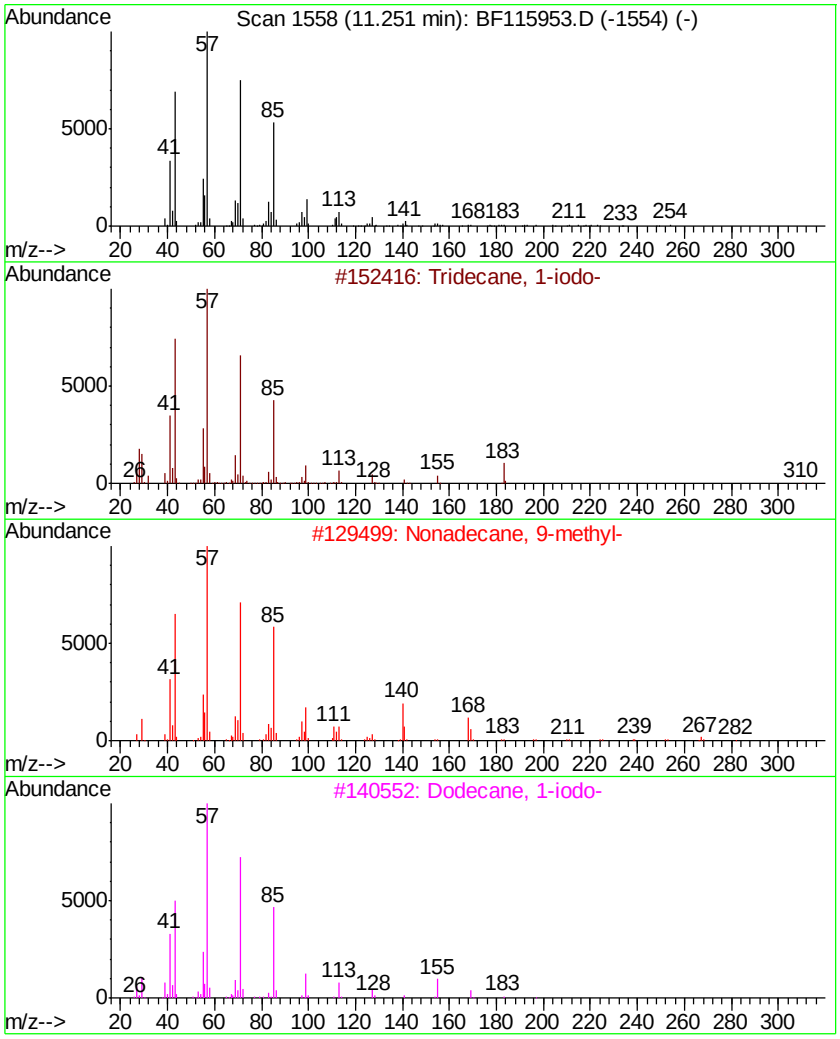
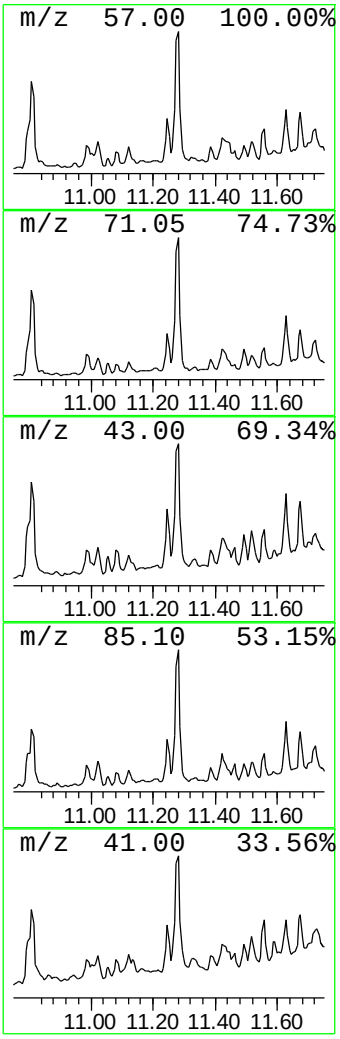
Peak Number 5 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	8.56 ng	521720	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	9-methylheptadecane	254	C18H38	026741-18-4	86
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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
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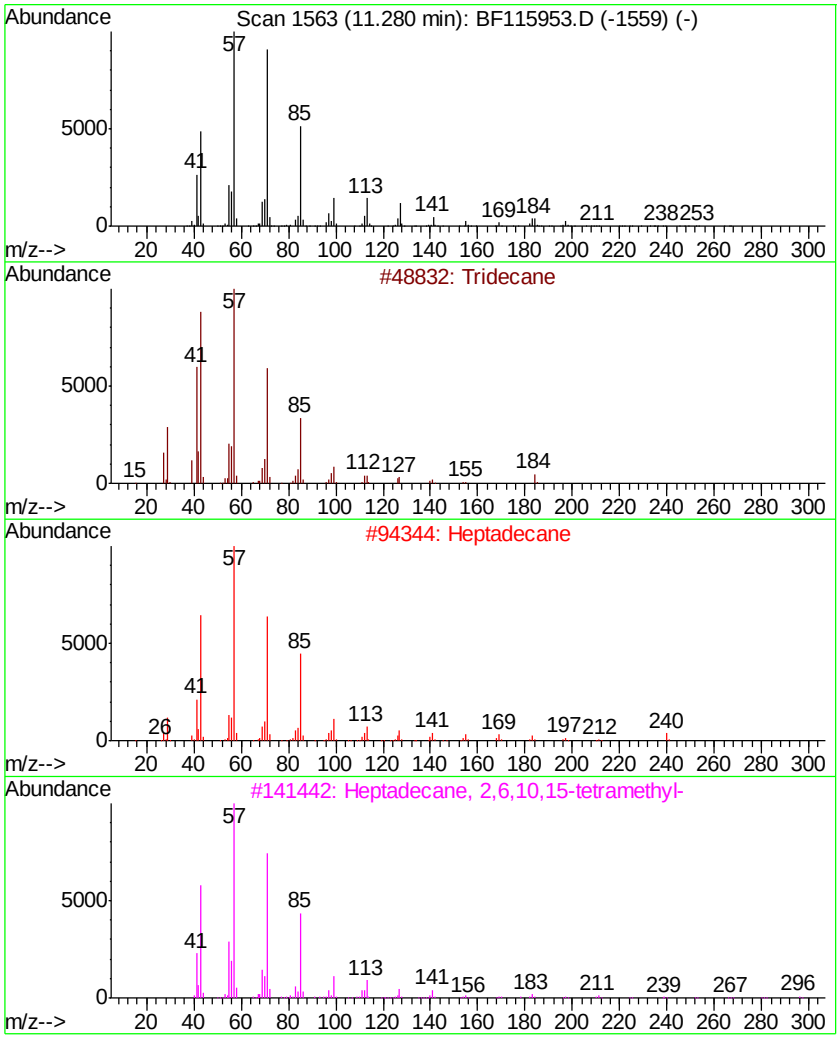
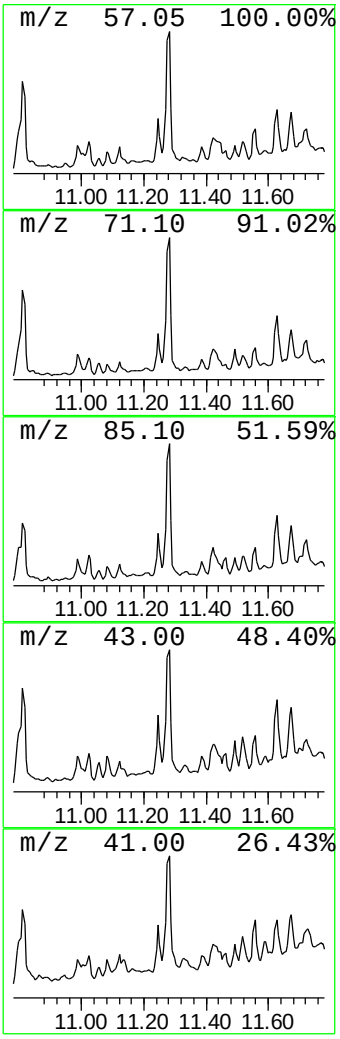
Peak Number 6 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	34.06 ng	2075430	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	78
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Library Search Compound Report

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Acq On : 2 Aug 2019 18:18
Operator : HP/JU
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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

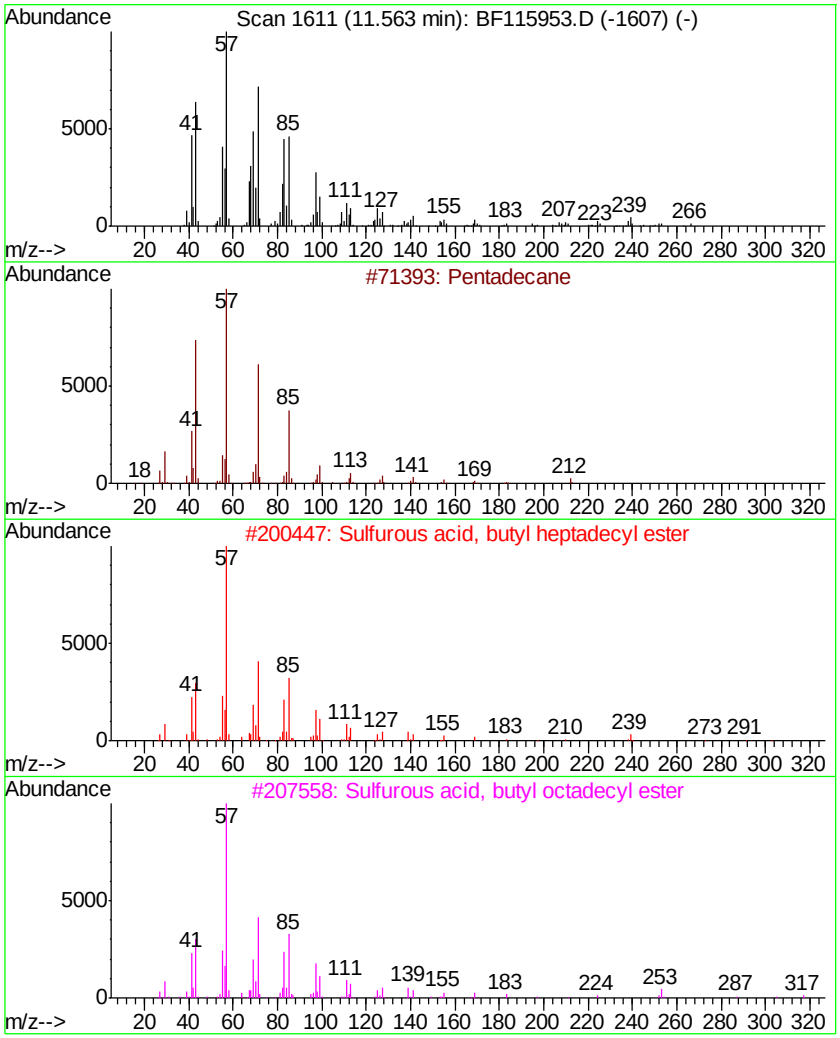
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

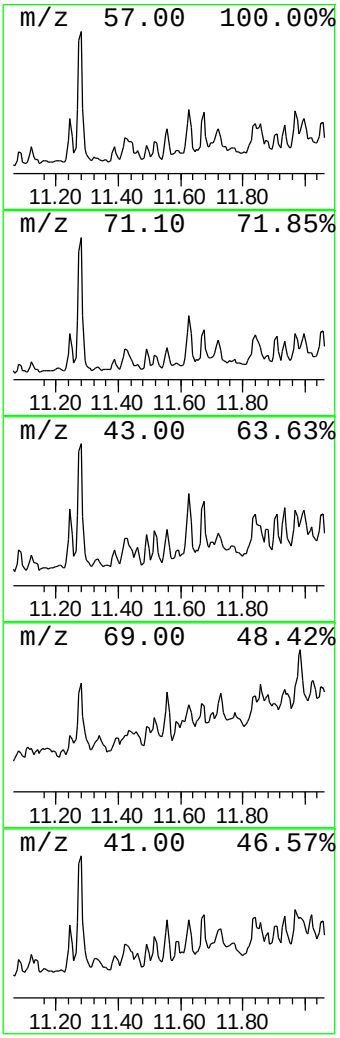
****

Peak Number 7 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	8.12 ng	494950	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	74
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	72
4	2-methyltetracosane	352	C25H52	1000376-72-6	68
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64





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Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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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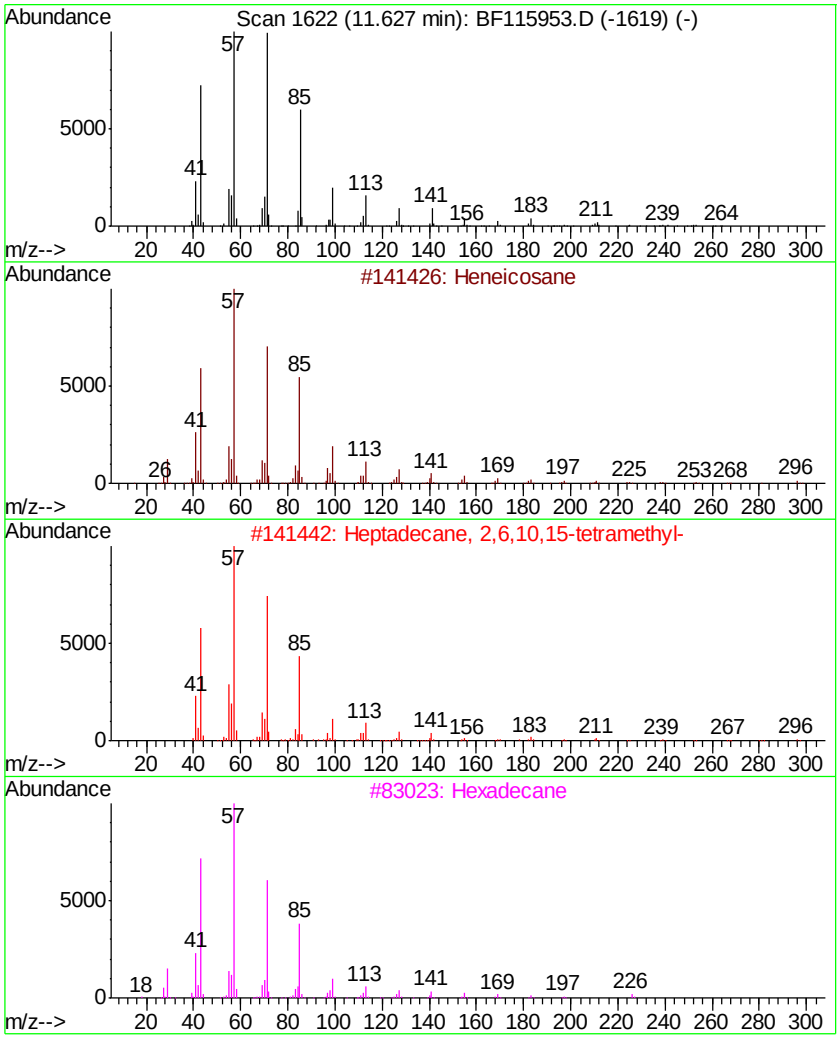
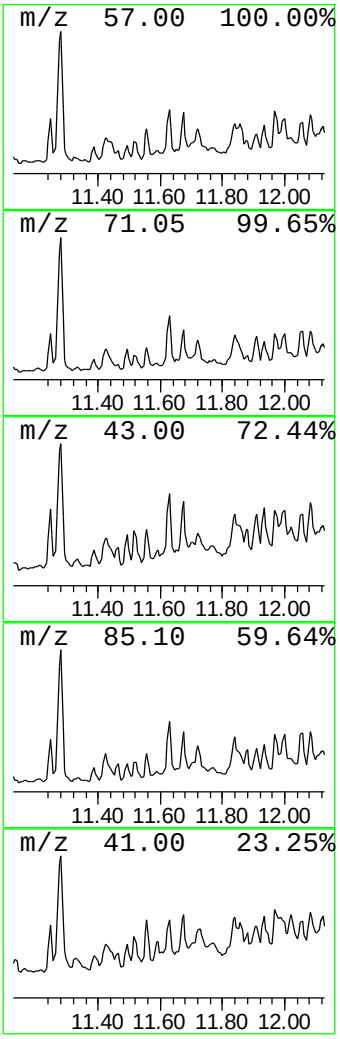
Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	11.79 ng	718659	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Hexacosane	366	C26H54	000630-01-3	78
5	Heptacosane	380	C27H56	000593-49-7	72





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : 1S-D1-D4-COMP-(30)

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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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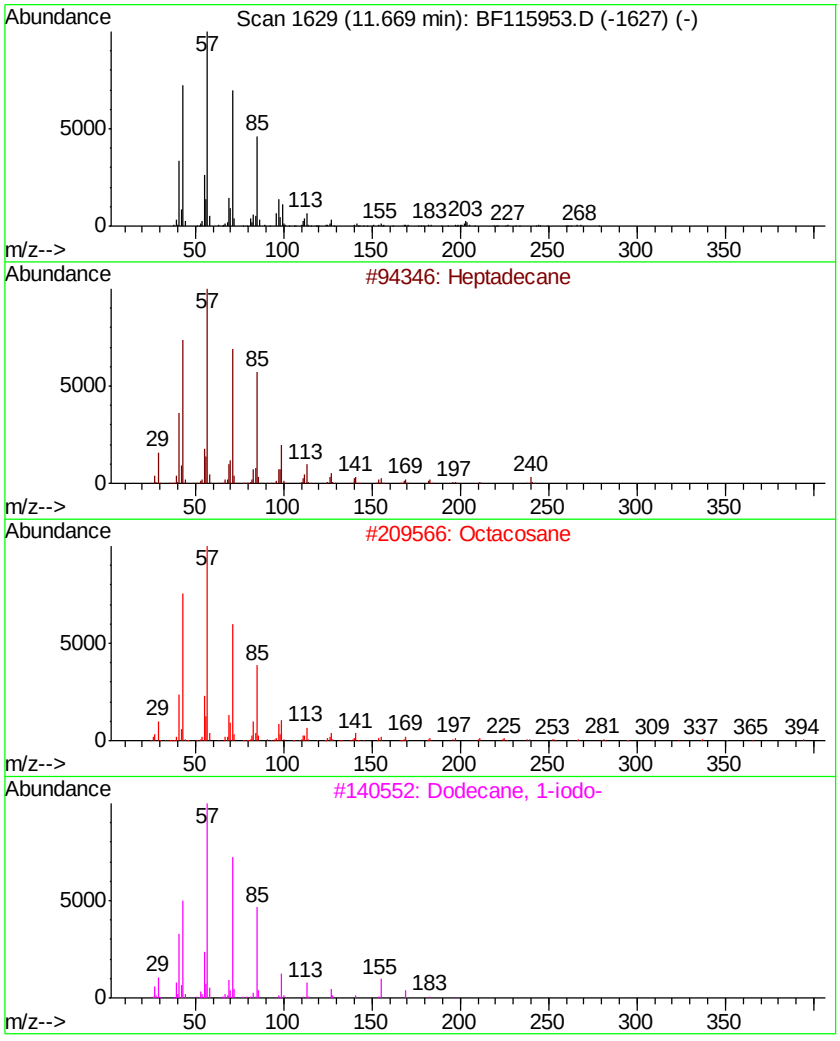
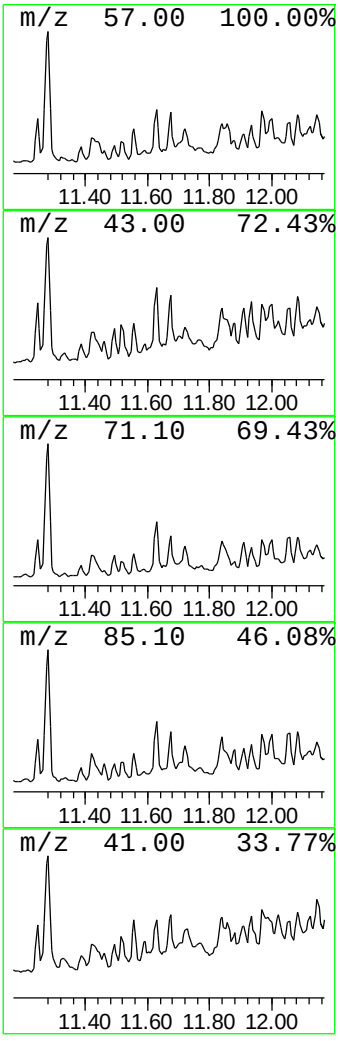
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	8.48 ng	516563	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Heneicosane	296	C21H44	000629-94-7	78





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ClientSampleId : 1S-D1-D4-COMP-(30)

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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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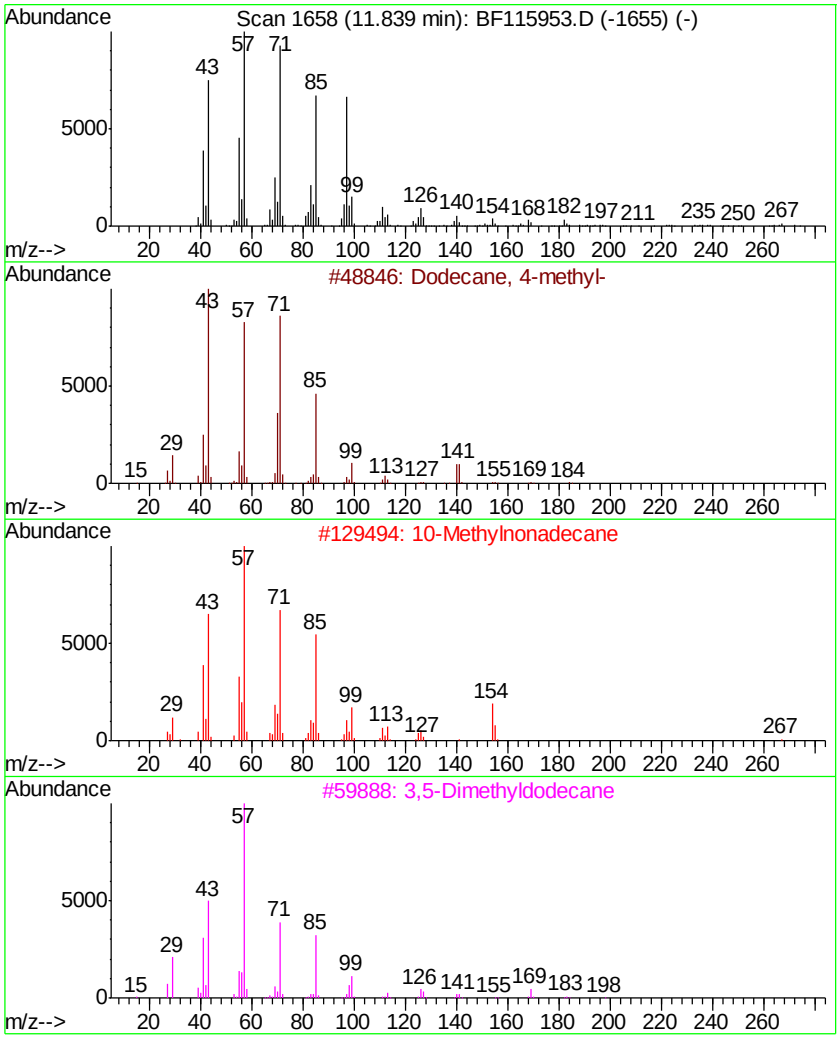
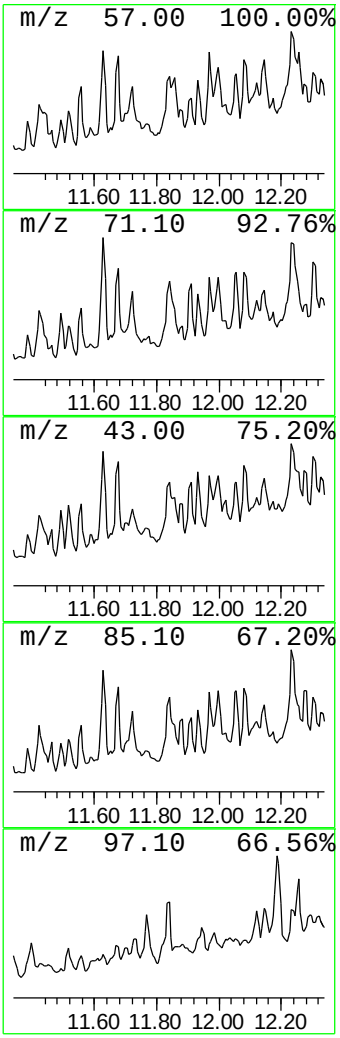
Peak Number 10 unknown11.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	9.64 ng	587216	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
2	10-Methylnonadecane	282	C20H42	056862-62-5	49
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
4	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	43
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	43





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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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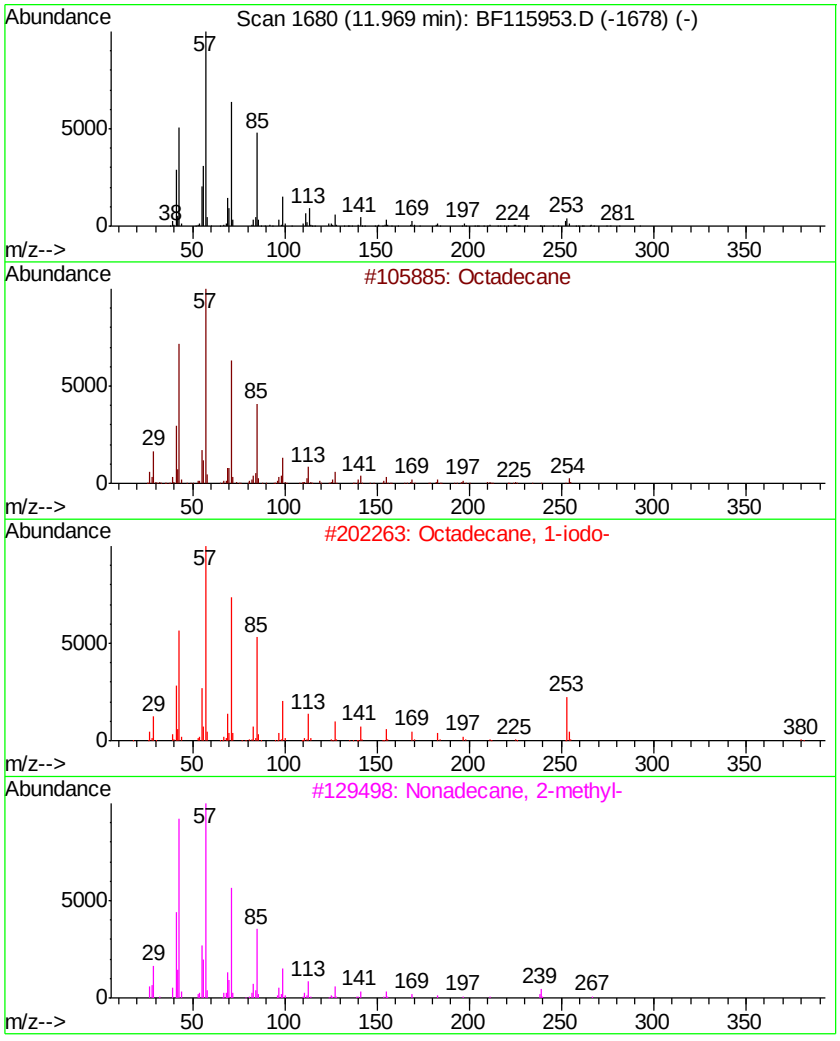
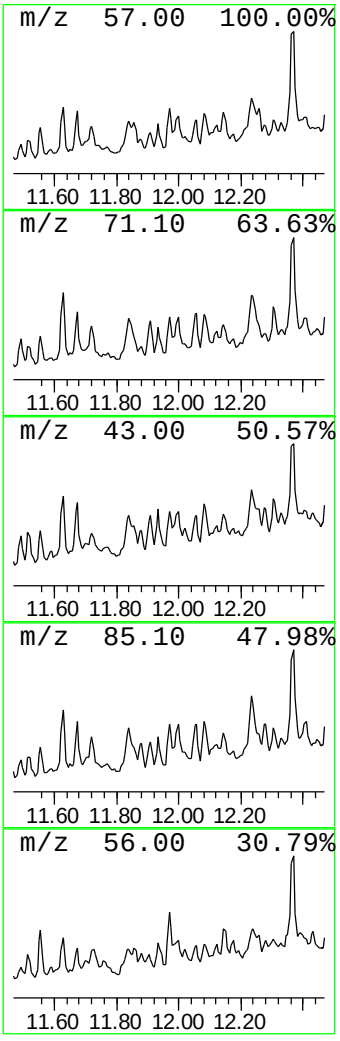
Peak Number 11 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.53 ng	519748	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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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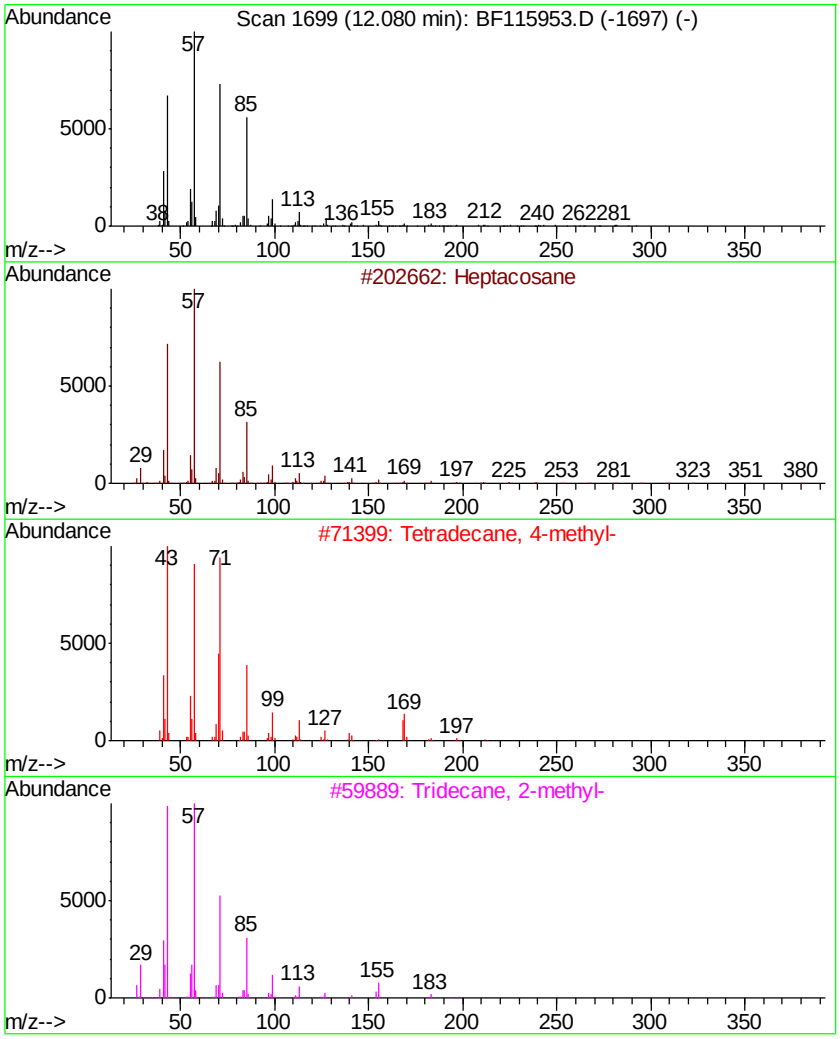
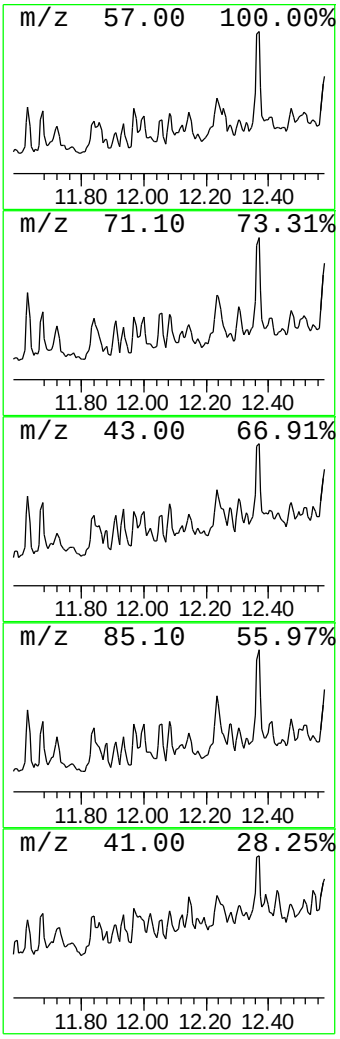
Peak Number 12 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	7.70 ng	469204	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52





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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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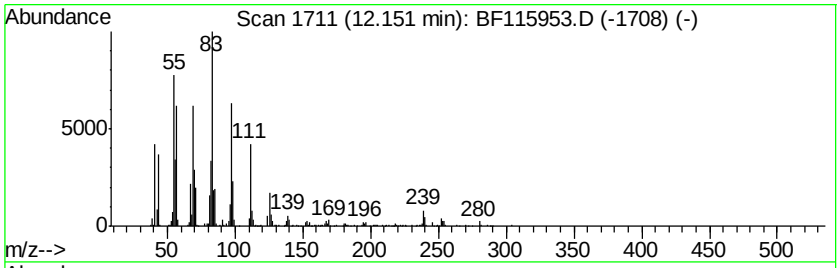
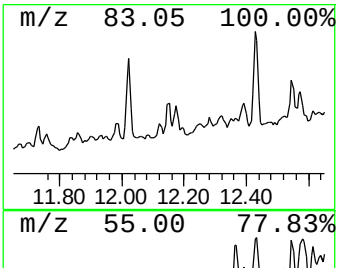
Peak Number 13 Decane, 5-cyclohexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	7.30 ng	444707	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-cyclohexyl-	224	C16H32	013151-76-3	81
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	76
3	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	74
4	8-Heptadecene	238	C17H34	002579-04-6	74
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	68





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Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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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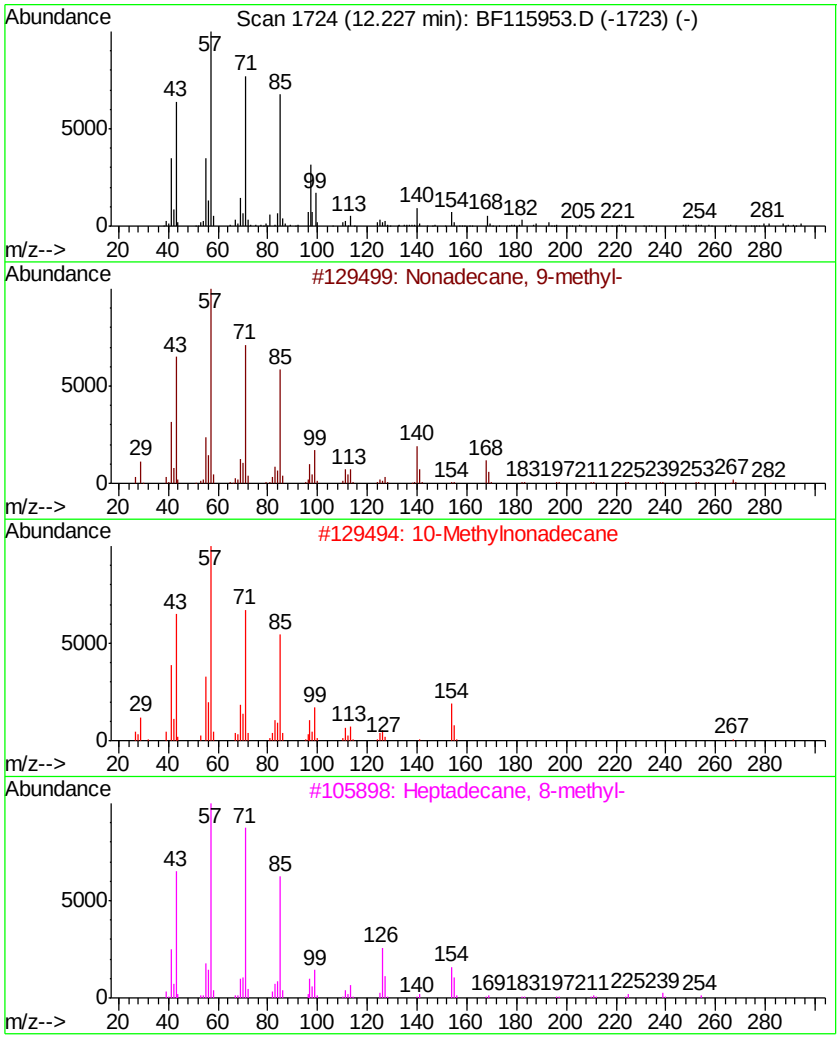
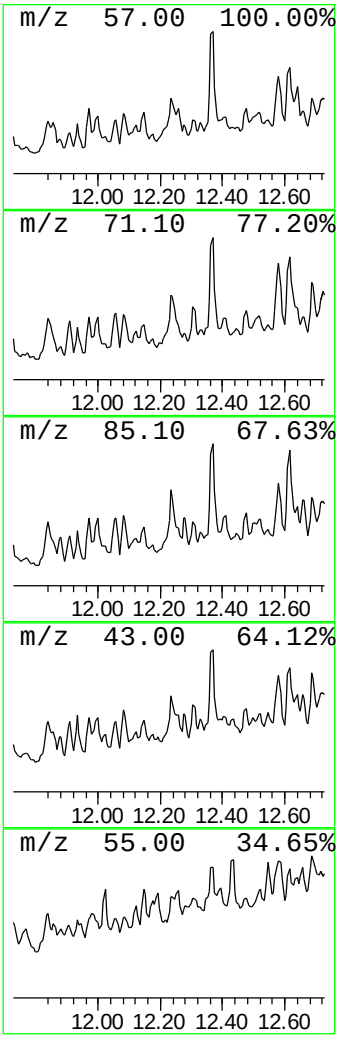
Peak Number 14 Nonadecane, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	8.99 ng	547761	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2	10-Methylnonadecane	282	C20H42	056862-62-5	64
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	59
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Heptadecane	240	C17H36	000629-78-7	58





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Misc :
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Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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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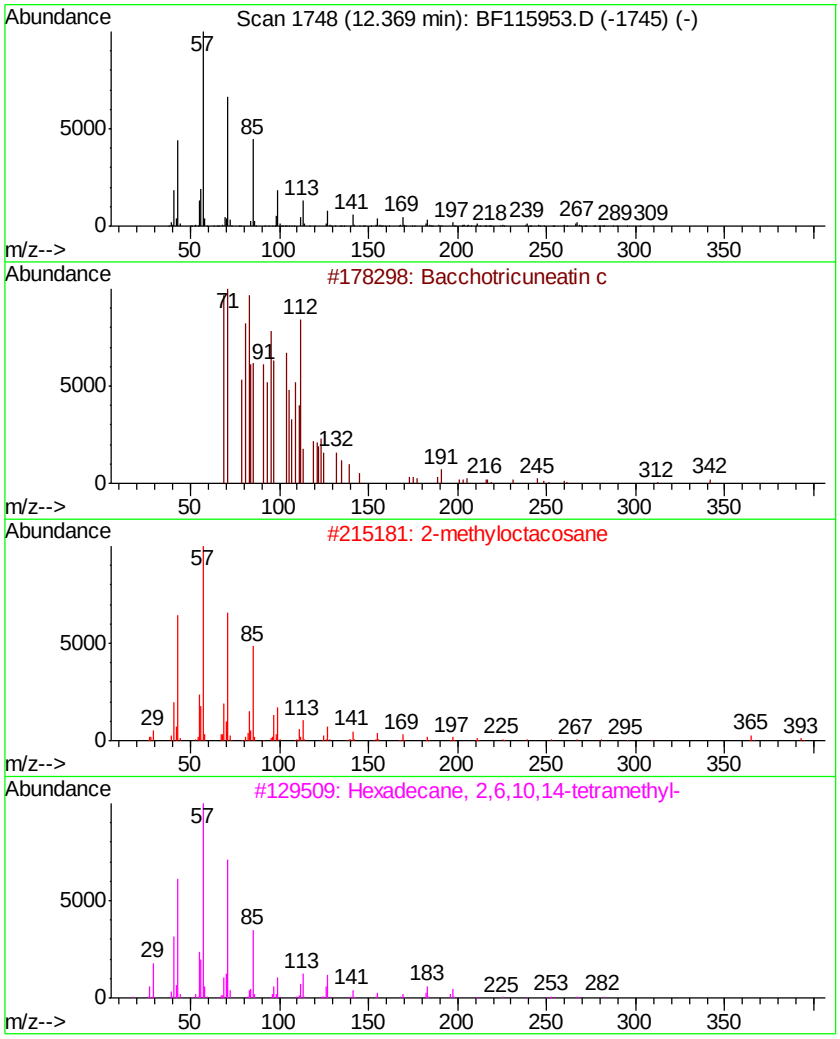
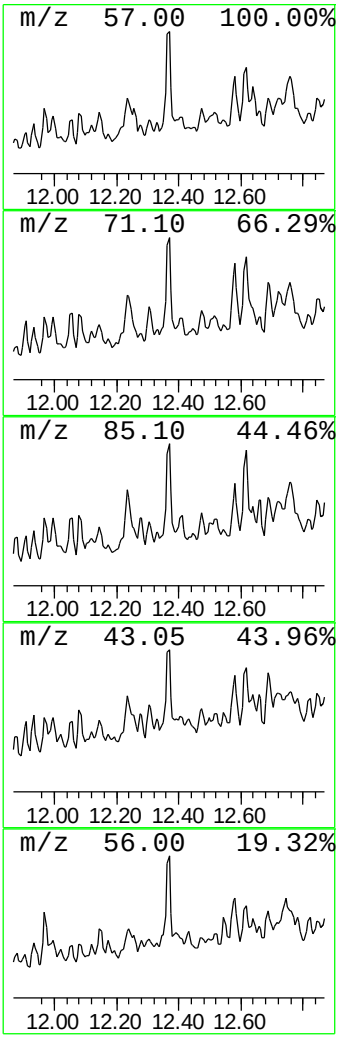
Peak Number 15 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	16.88 ng	1028860	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Docosane	310	C22H46	000629-97-0	86
5	Hexacosane	366	C26H54	000630-01-3	80





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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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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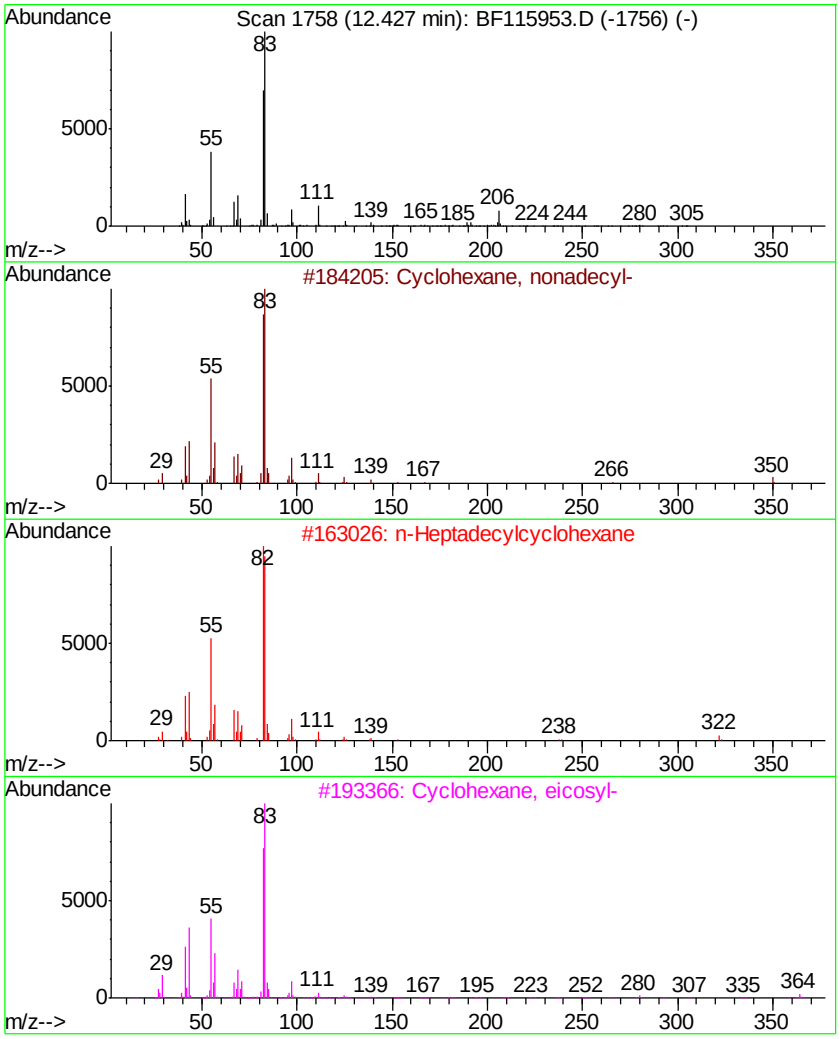
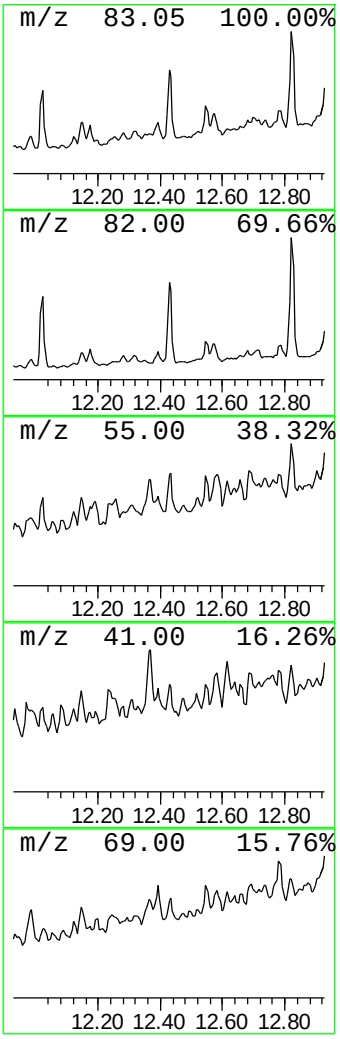
Peak Number 16 Cyclohexane, nonadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.33 ng	507384	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	72
2	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	64
3	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
4	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	64
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64





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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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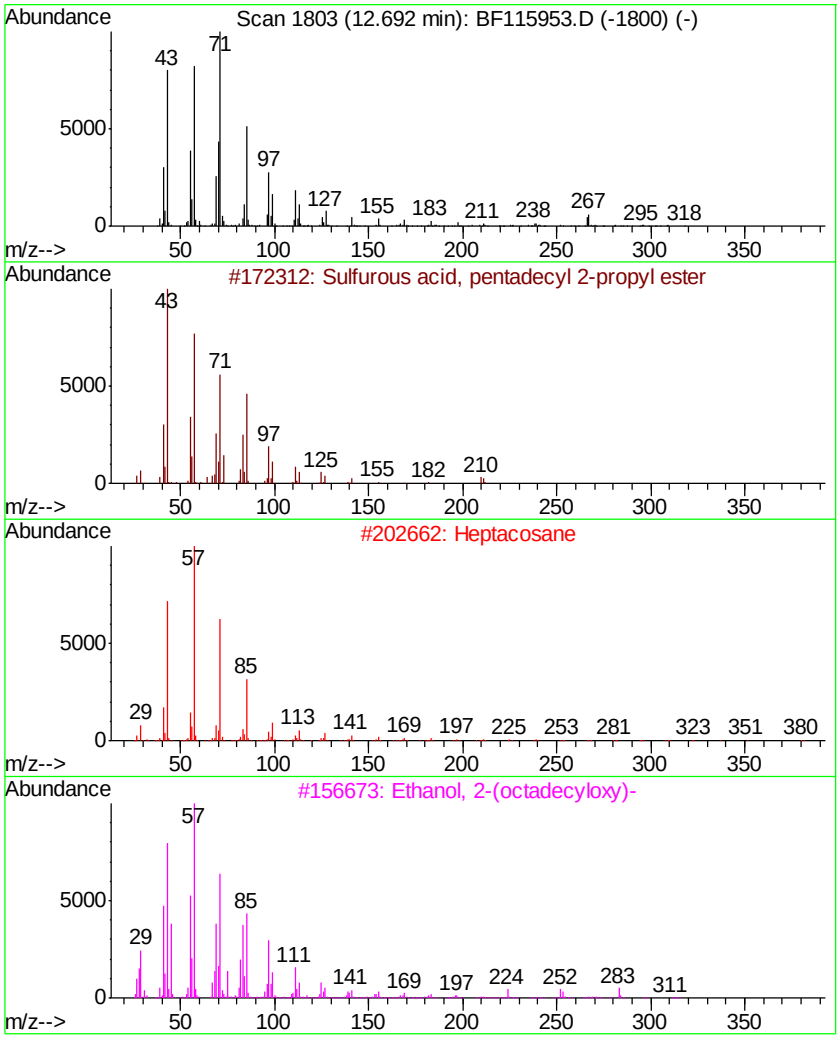
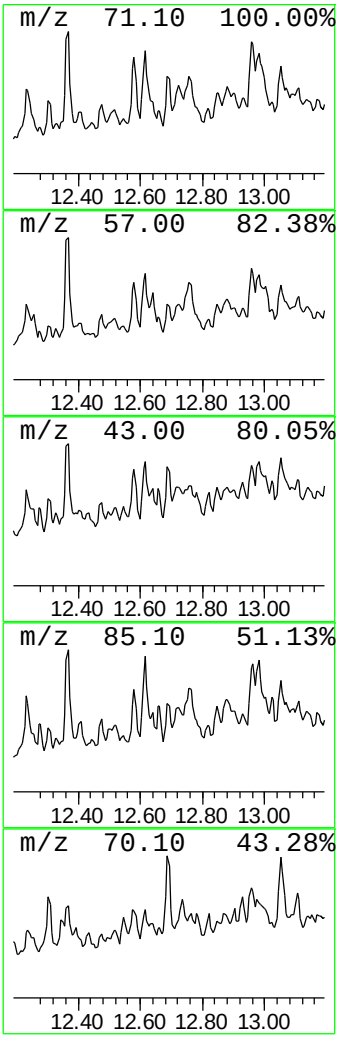
Peak Number 17 Sulfurous acid, pentadecyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	12.74 ng	776265	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	53
2	Heptacosane	380	C27H56	000593-49-7	52
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	50
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	49
5	Octadecane	254	C18H38	000593-45-3	49





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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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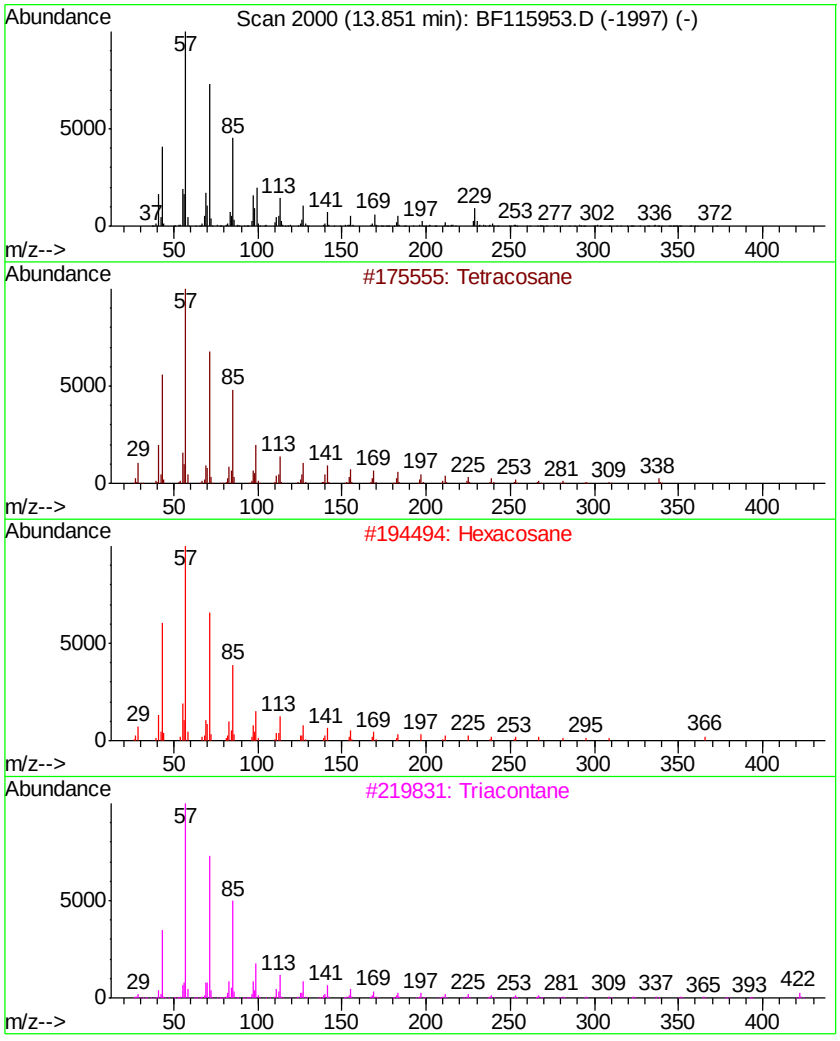
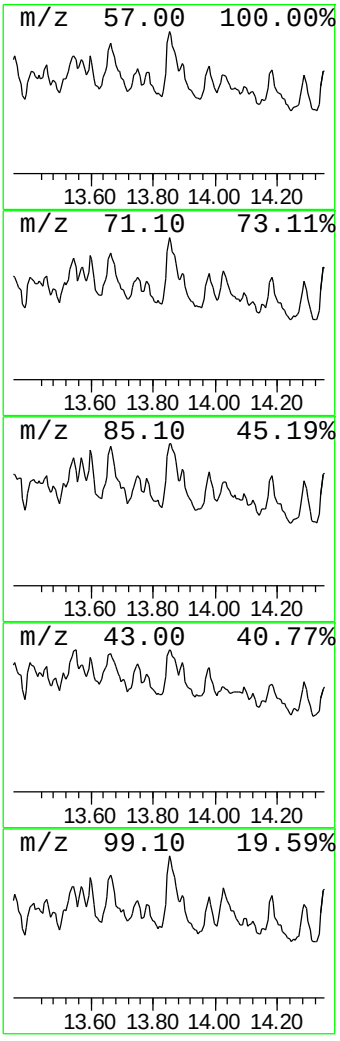
Peak Number 18 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	17.43 ng	1007820	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hentriacontane	437	C31H64	000630-04-6	87





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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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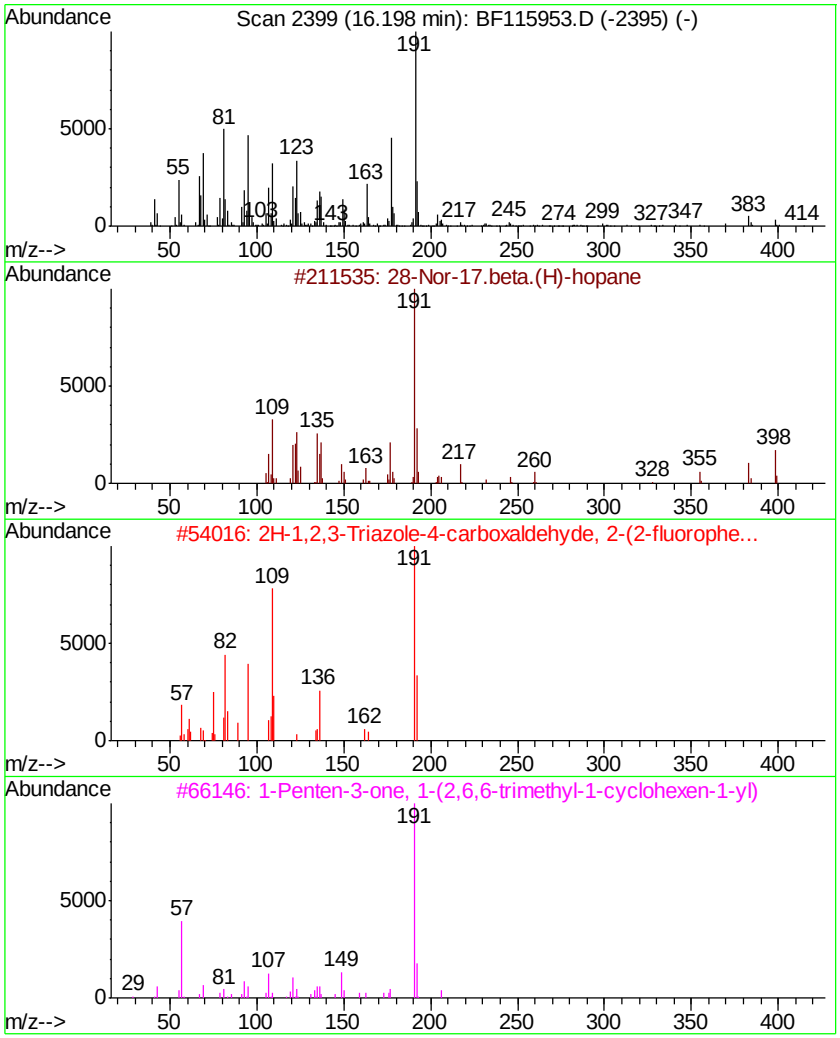
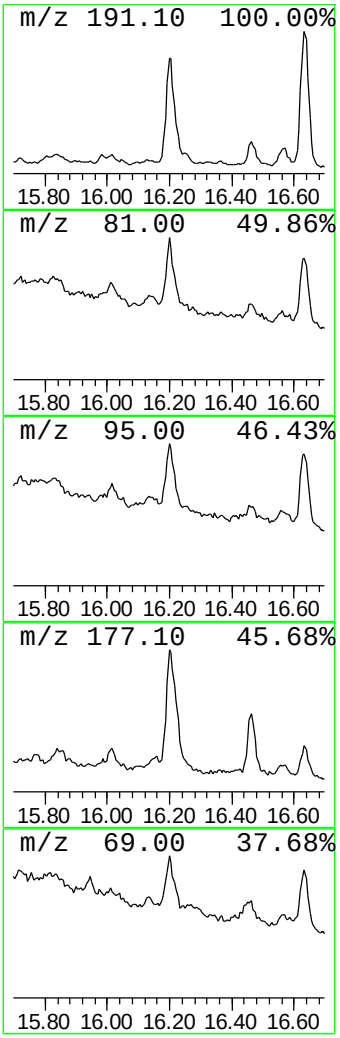
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	11.33 ng	783978	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
4	3-Fluoro-5-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-66-3	22
5	2-Fluoro-6-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-53-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115953.D
Acq On : 2 Aug 2019 18:18
Operator : HP/JU
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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

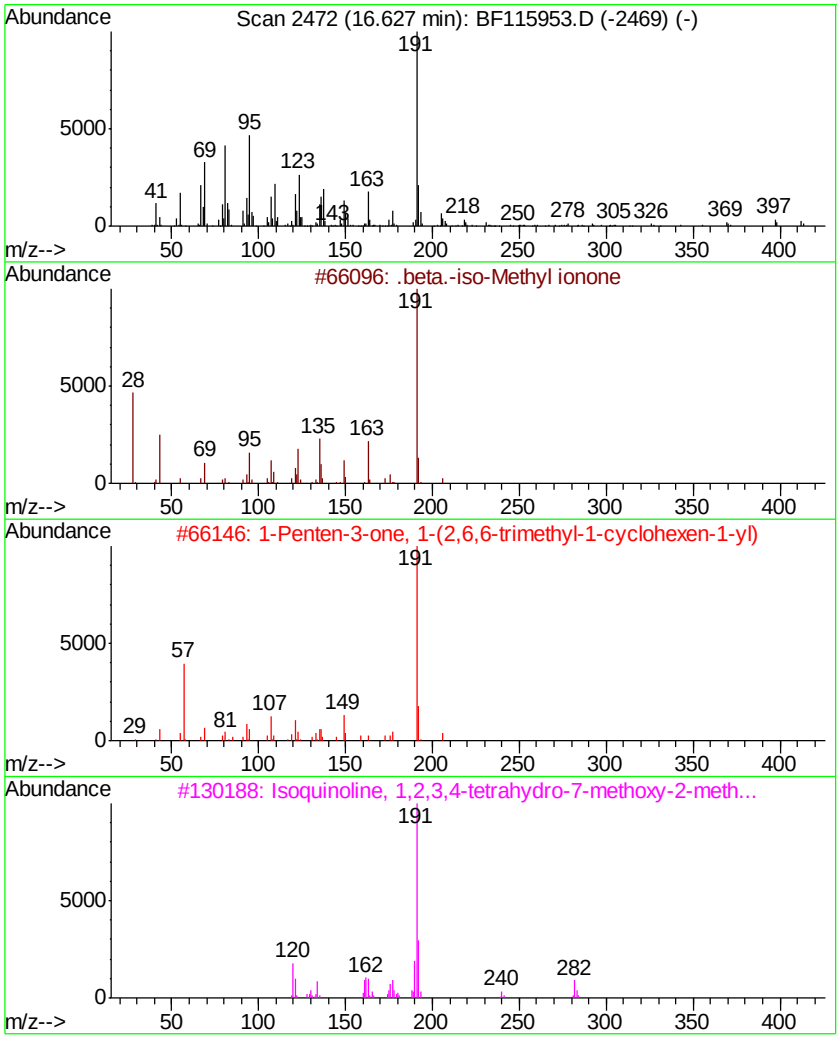
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

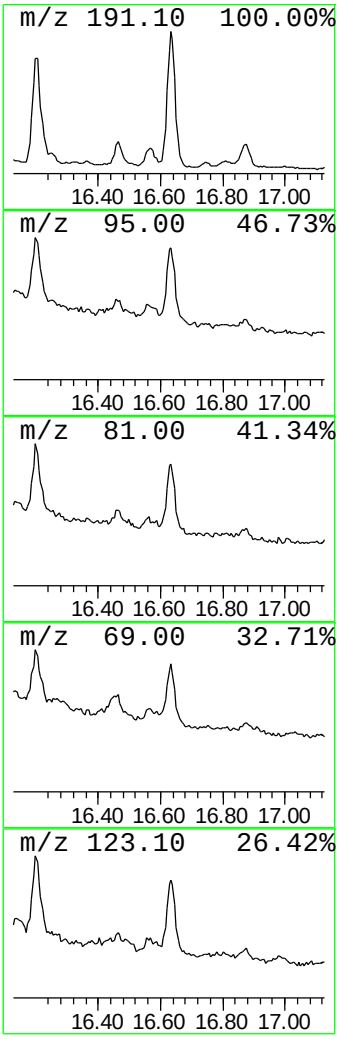
****

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	11.86 ng	820405	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	47
3	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	45
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115953.D
Acq On : 2 Aug 2019 18:18
Operator : HP/JU
Sample : K4131-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

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
unknown6.62	6.62	68.1	ng	2092650	1	6.85	614395	20.0
Pentadecane, 2,6,...	10.55	13.5	ng	676495	3	9.89	1002460	20.0
Undecane, 6-ethyl-	10.81	29.1	ng	1772770	4	11.38	1218770	20.0
Tridecane, 1-iodo-	11.25	8.6	ng	521720	4	11.38	1218770	20.0
Heptadecane	11.28	34.1	ng	2075430	4	11.38	1218770	20.0
Pentadecane	11.56	8.1	ng	494950	4	11.38	1218770	20.0
Heneicosane	11.63	11.8	ng	718659	4	11.38	1218770	20.0
Dodecane, 1-iodo-	11.67	8.5	ng	516563	4	11.38	1218770	20.0
unknown11.84	11.84	9.6	ng	587216	4	11.38	1218770	20.0
Octadecane	11.97	8.5	ng	519748	4	11.38	1218770	20.0
Heptacosane	12.08	7.7	ng	469204	4	11.38	1218770	20.0
Decane, 5-cyclohe...	12.15	7.3	ng	444707	4	11.38	1218770	20.0
Nonadecane, 9-met...	12.23	9.0	ng	547761	4	11.38	1218770	20.0
Bacchotricuneatin c	12.37	16.9	ng	1028860	4	11.38	1218770	20.0
Cyclohexane, nona...	12.43	8.3	ng	507384	4	11.38	1218770	20.0
Sulfurous acid, p...	12.69	12.7	ng	776265	4	11.38	1218770	20.0
Tetracosane	13.85	17.4	ng	1007820	5	14.03	1156480	20.0
28-Nor-17.beta.(H...	16.20	11.3	ng	783978	6	15.50	1383360	20.0
.beta.-iso-Methyl...	16.63	11.9	ng	820405	6	15.50	1383360	20.0