LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

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-BF011619.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	5.063	502	506	519	rVB	98109	115713	3.20%	0.306%
2	5.487	575	578	592	rBV	2095256	2172023	60.07%	5.738%
3	6.504	747	751	764	rBV	1849659	1836956	50.80%	4.853%
4	6.633	769	773	781	rVV	2389363	2135170	59.05%	5.641%
5	6.857	807	811	818	rBV	1382540	1126192	31.15%	2.975%
6	7.004	831	836	852	rVB2	2805934	3615700	100.00%	9.552%
7	7.416	902	906	917	rVB	1428059	1240248	34.30%	3.277%
8	8.139	1025	1029	1032	rBV	1996193	1623517	44.90%	4.289%
9	9.210	1207	1211	1221	rBV	2788289	2442195	67.54%	6.452%
10	9.292	1221	1225	1227	rVV3	55501	68200	1.89%	0.180%
11	9.327	1227	1231	1233	rVV3	31081	46887	1.30%	0.124%
12	9.363	1233	1237	1242	rVB4	53211	89464	2.47%	0.236%
13	9.486	1253	1258	1262	rBV5	26850	46484	1.29%	0.123%
14	9.527	1262	1265	1267	rBV2	85682	83756	2.32%	0.221%
15	9.551	1267	1269	1272	rVV	521712	435515	12.05%	1.151%
16	9.604	1275	1278	1282	rVV	355639	321056	8.88%	0.848%
17	9.651	1283	1286	1288	rVV	138988	115350	3.19%	0.305%
18	9.692	1291	1293	1298	rVV	246321	210375	5.82%	0.556%
19	9.898	1324	1328	1331	rBV	1755660	1738136	48.07%	4.592%
20	9.922	1331	1332	1336	rVB2	175789	125770	3.48%	0.332%
21	9.969	1337	1340	1343	rVB2	53470	55937	1.55%	0.148%
22	10.016	1343	1348	1352	rBV3	284699	361108	9.99%	0.954%
23	10.098	1359	1362	1365	rBV2	111885	99768	2.76%	0.264%
24	10.186	1374	1377	1380	rBV3	83375	61927	1.71%	0.164%
25	10.321	1394	1400	1402	rVB3	51239	72223	2.00%	0.191%
26	10.439	1417	1420	1424	rVB	88687	86659	2.40%	0.229%
27	10.539	1434	1437	1439	rVV2	119400	120170	3.32%	0.317%
28	10.569	1439	1442	1444	rVV	146321	131094	3.63%	0.346%
29	10.598	1444	1447	1449	rVV2	47316	55368	1.53%	0.146%
30	10.616	1449	1450	1453	rVB3	53309	41907	1.16%	0.111%
31	10.663	1453	1458	1459	rBV4	49970	86681	2.40%	0.229%
32	10.686	1459	1462	1471	rVV	1633774	1641557	45.40%	4.337%
33	10.751	1471	1473	1476	rVB2	54693	45000	1.24%	0.119%
34	10.804	1478	1482	1486	rBV4	128387	163409	4.52%	0.432%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.863	1489	1492	1494	rBV	50176	54859	1.52%	0.145%
36	10.927	1500	1503	1506	rBV5	46946	45247	1.25%	0.120%
37	11.045	1520	1523	1526	rBV3	65929	71285	1.97%	0.188%
38	11.098	1530	1532	1534	rVV2	53360	45558	1.26%	0.120%
39	11.121	1534	1536	1538	rVB	51183	38780	1.07%	0.102%
40	11.186	1545	1547	1550	rVB	48575	40120	1.11%	0.106%
41	11.239	1554	1556	1560	rVV3	53784	64751	1.79%	0.171%
42	11.280	1560	1563	1568	rVB2	65881	82058	2.27%	0.217%
43	11.380	1577	1580	1583	rBV	1567326	1532293	42.38%	4.048%
44	11.404	1583	1584	1587	rVV	787816	650814	18.00%	1.719%
45	11.427	1587	1588	1591	rVV	202268	165848	4.59%	0.438%
46	11.457	1591	1593	1596	rVB	223882	174789	4.83%	0.462%
47	11.486	1596	1598	1600	rBV3	45191	46043	1.27%	0.122%
48	11.516	1600	1603	1606	rVB2	150091	129078	3.57%	0.341%
49	11.592	1613	1616	1618	rBV3	80550	94139	2.60%	0.249%
50	11.668	1627	1629	1632	rBV3	34400	37375	1.03%	0.099%
51	11.727	1636	1639	1642	rVB	162673	140966	3.90%	0.372%
52	11.868	1659	1663	1667	rBV2	359087	411406	11.38%	1.087%
53	11.910	1667	1670	1677	rVB2	659587	639006	17.67%	1.688%
54	11.998	1682	1685	1687	rBV	124241	134266	3.71%	0.355%
55	12.057	1692	1695	1696	rBV3	57365	57325	1.59%	0.151%
56	12.080	1696	1699	1702	rBV2	169238	168137	4.65%	0.444%
57	12.210	1718	1721	1723	rVB3	74956	71432	1.98%	0.189%
58	12.268	1728	1731	1734	rVB3	97232	84467	2.34%	0.223%
59	12.304	1734	1737	1739	rBV2	89497	101794	2.82%	0.269%
60	12.357	1744	1746	1749	rBV2	67766	73429	2.03%	0.194%
61	12.445	1755	1761	1764	rBV3	129228	281570	7.79%	0.744%
62	12.521	1770	1774	1784	rBV	804517	856719	23.69%	2.263%
63	12.598	1784	1787	1793	rBV	1041918	1075199	29.74%	2.841%
64	12.692	1800	1803	1806	rBV3	94061	101525	2.81%	0.268%
65	12.827	1821	1826	1832	rVB	818790	861403	23.82%	2.276%
66	12.880	1833	1835	1840	rVB4	108704	105405	2.92%	0.278%
67	12.962	1845	1849	1858	rVB	1922834	1847024	51.08%	4.880%
68	13.398	1920	1923	1927	rVB3	391498	345528	9.56%	0.913%
69	13.468	1933	1935	1941	rVB	233253	204516	5.66%	0.540%
70	13.857	1998	2001	2007	rVB3	429880	487889	13.49%	1.289%
71	13.945	2014	2016	2020	rBV	147882	177267	4.90%	0.468%

LSC Area Percent Report

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Acq On : 24 Jan 2019 19:33
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Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.027	2026	2030	2033	rBV2	1400722	1527506	42.25%	4.035%
73	14.486	2106	2108	2114	rVB2	293182	301539	8.34%	0.797%
74	14.862	2170	2172	2178	rVB	534317	551670	15.26%	1.457%
75	15.127	2215	2217	2220	rBV	383935	410577	11.36%	1.085%
76	15.509	2278	2282	2287	rBV	746964	950292	26.28%	2.511%

Sum of corrected areas: 37852409

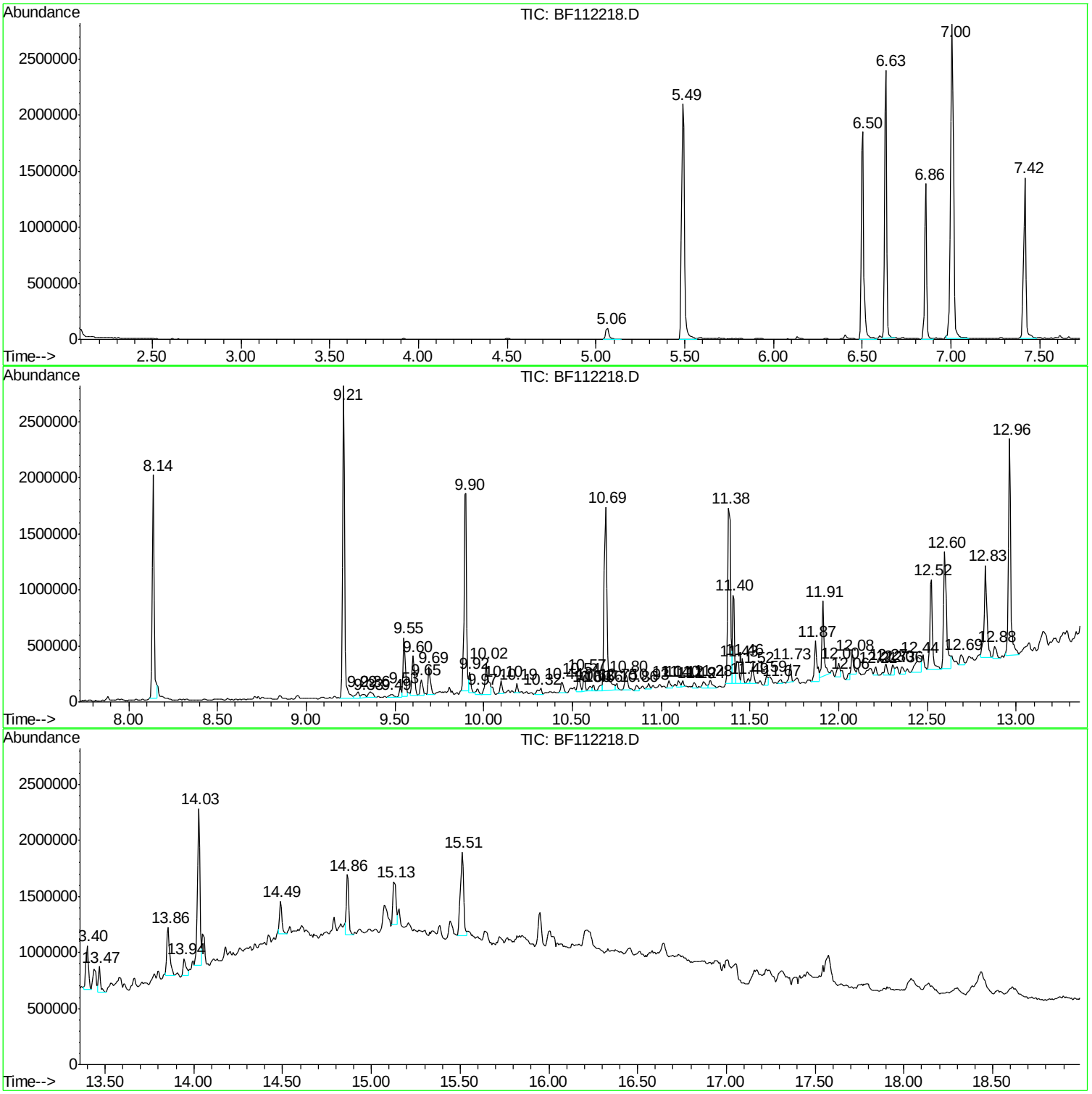
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

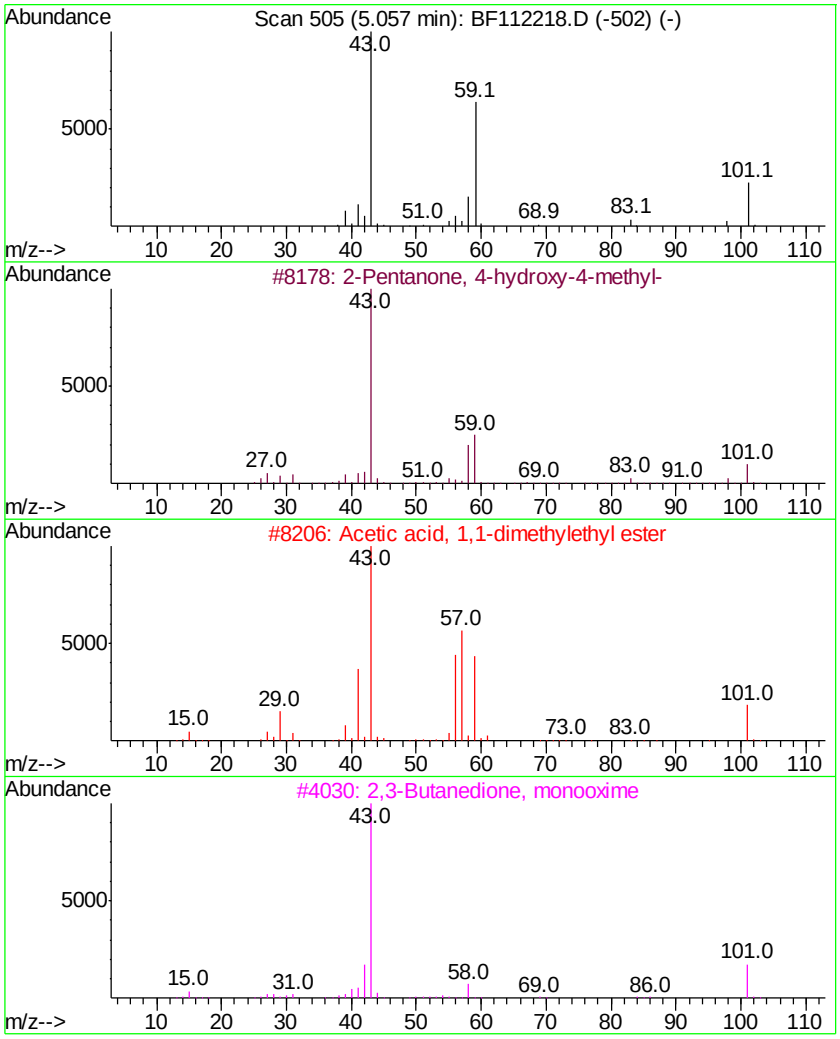
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

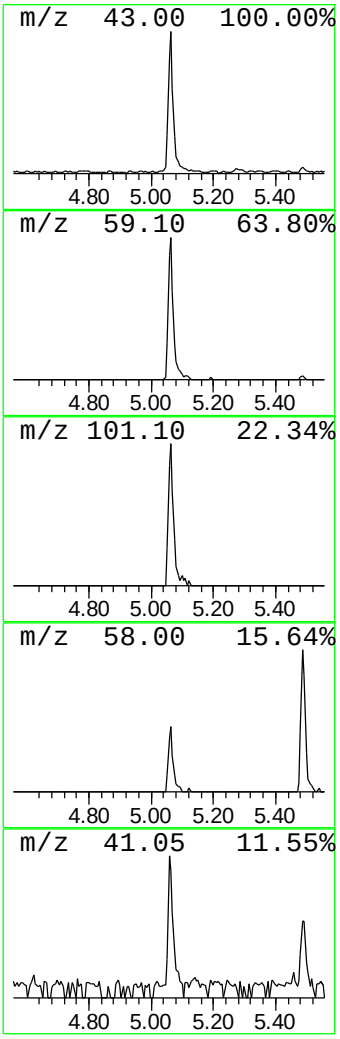
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.05 ng	115713	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

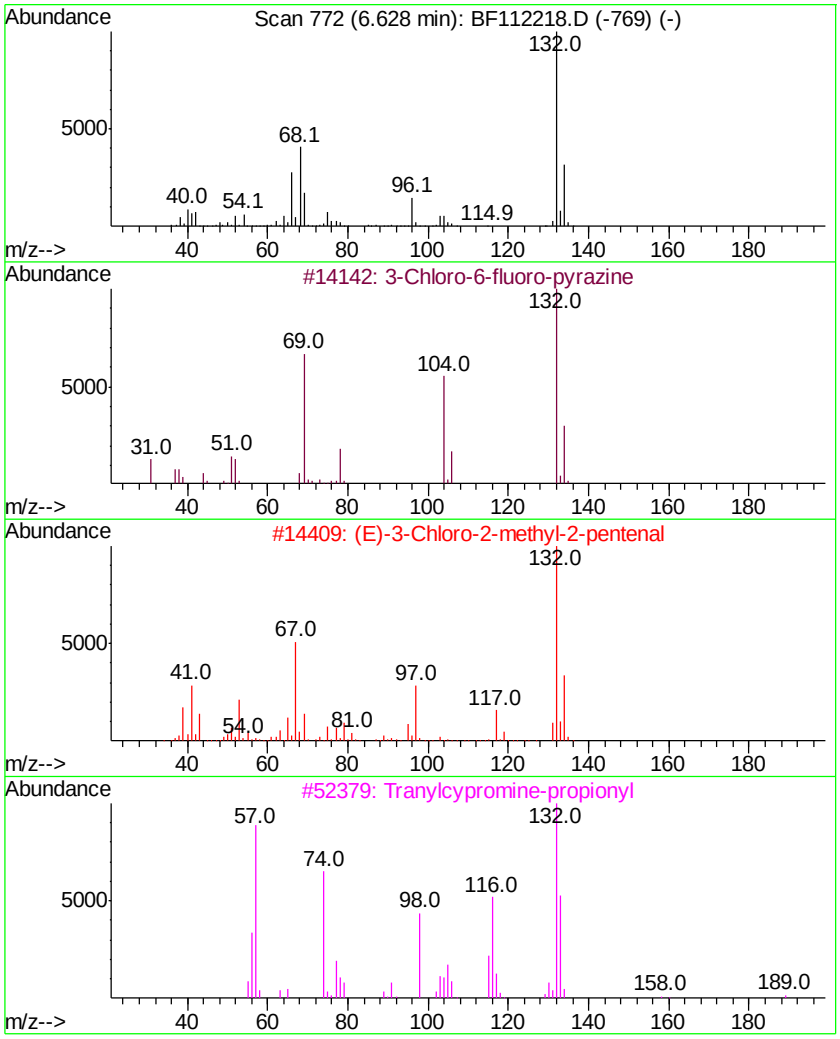
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

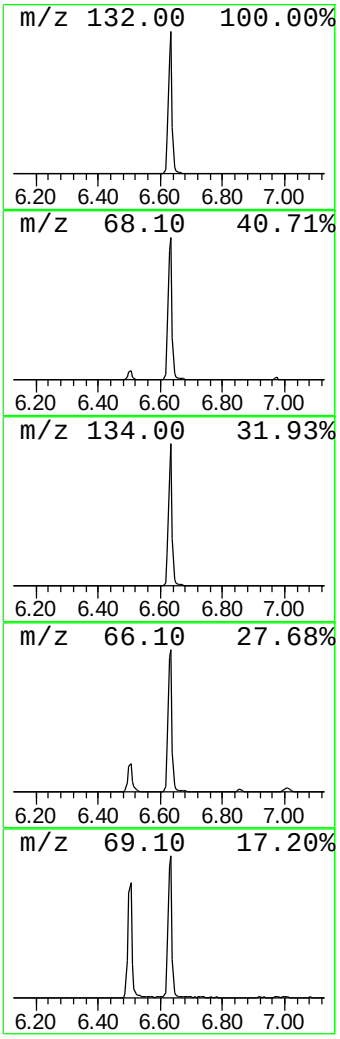
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	37.92 ng	2135170	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
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Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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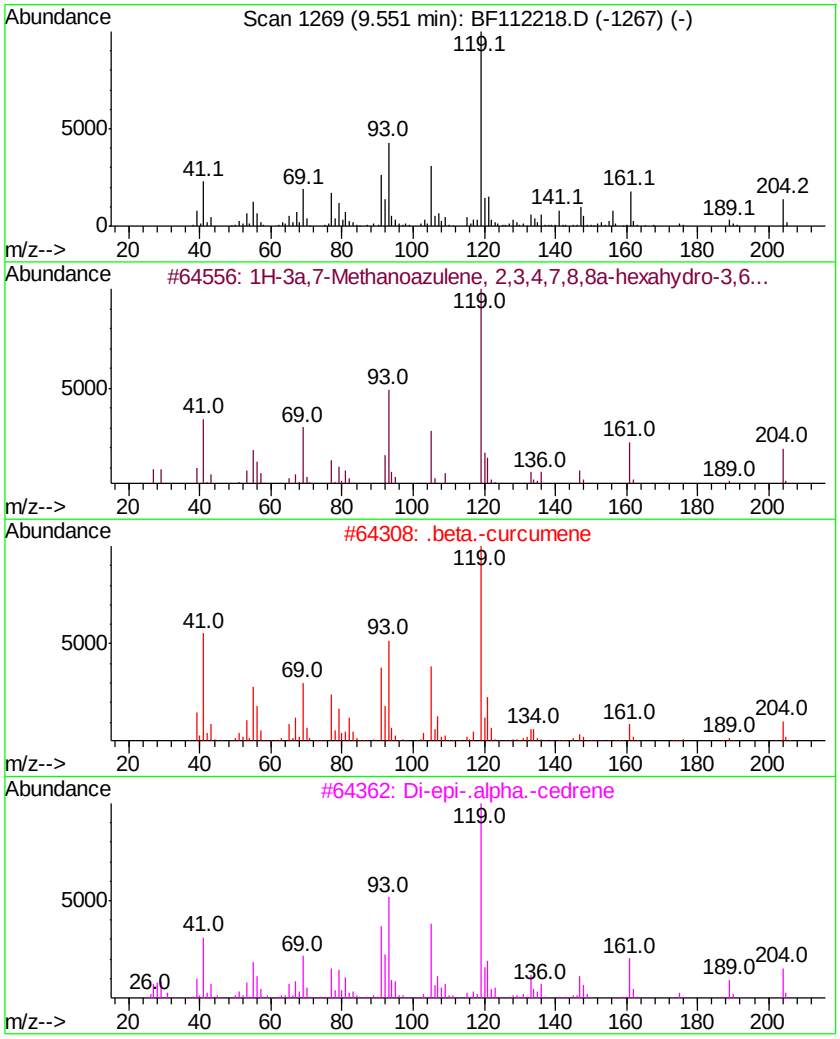
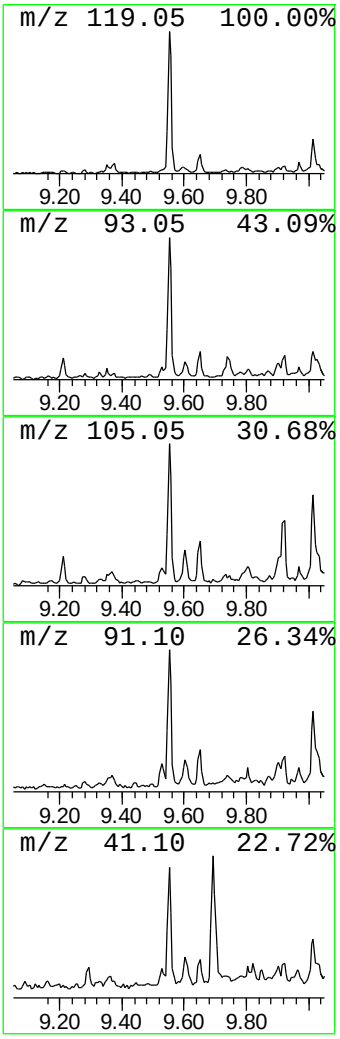
****

Peak Number 3 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	5.01 ng	435515	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	96
2	.beta.-curcumene	204	C15H24	1000374-17-4	87
3	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	70
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	59
5	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	55





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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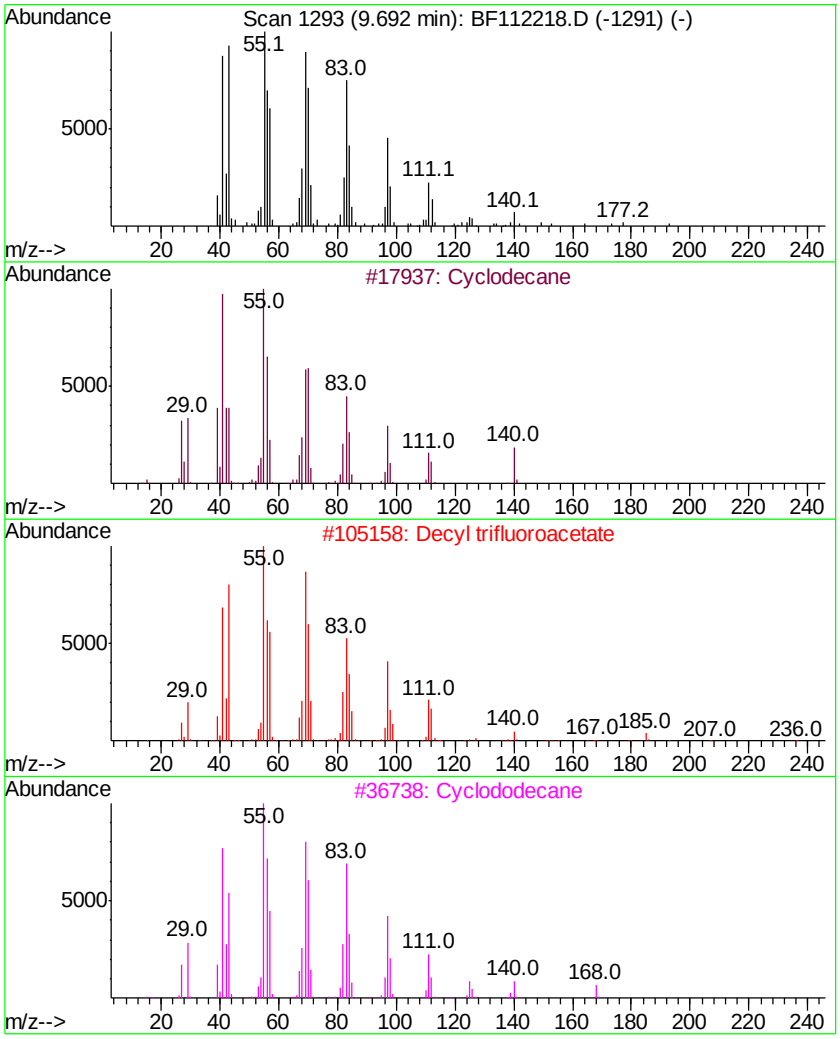
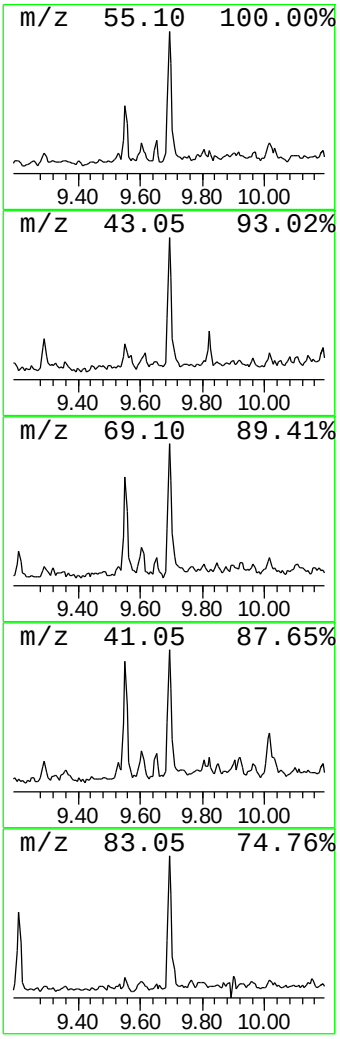
Peak Number 4 Cyclodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.42 ng	210375	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	94
2	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91
3	Cyclododecane	168	C12H24	000294-62-2	91
4	1-Undecanol	172	C11H24O	000112-42-5	91
5	1-Dodecanol	186	C12H26O	000112-53-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

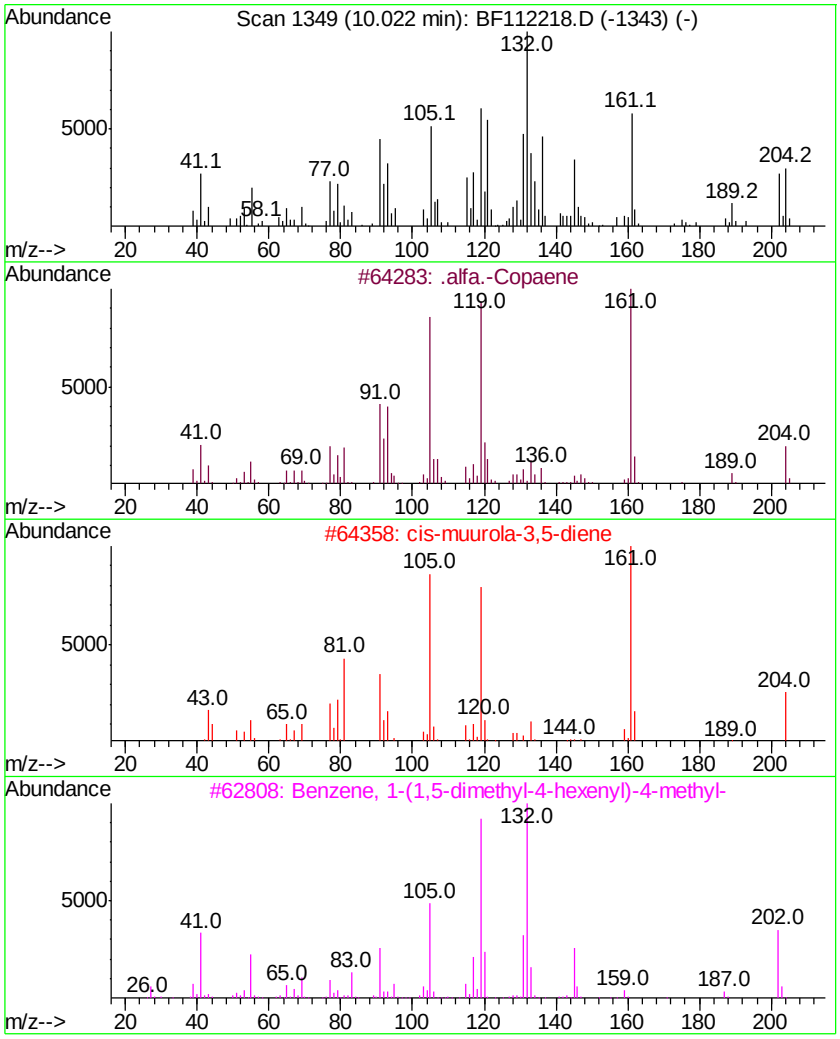
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

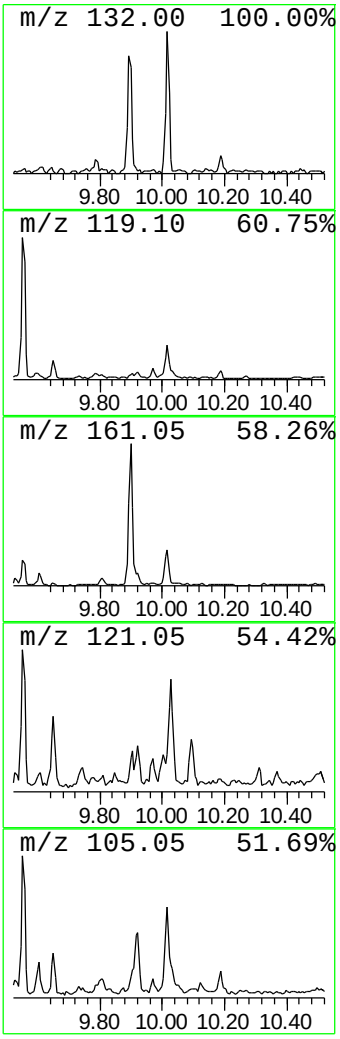
****

Peak Number 5 .alfa.-Copaene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.16 ng	361108	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alfa.-Copaene	204	C15H24	1000360-33-0	66
2	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	60
3	Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	55
4	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	51
5	.gamma.-Muurolene	204	C15H24	030021-74-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

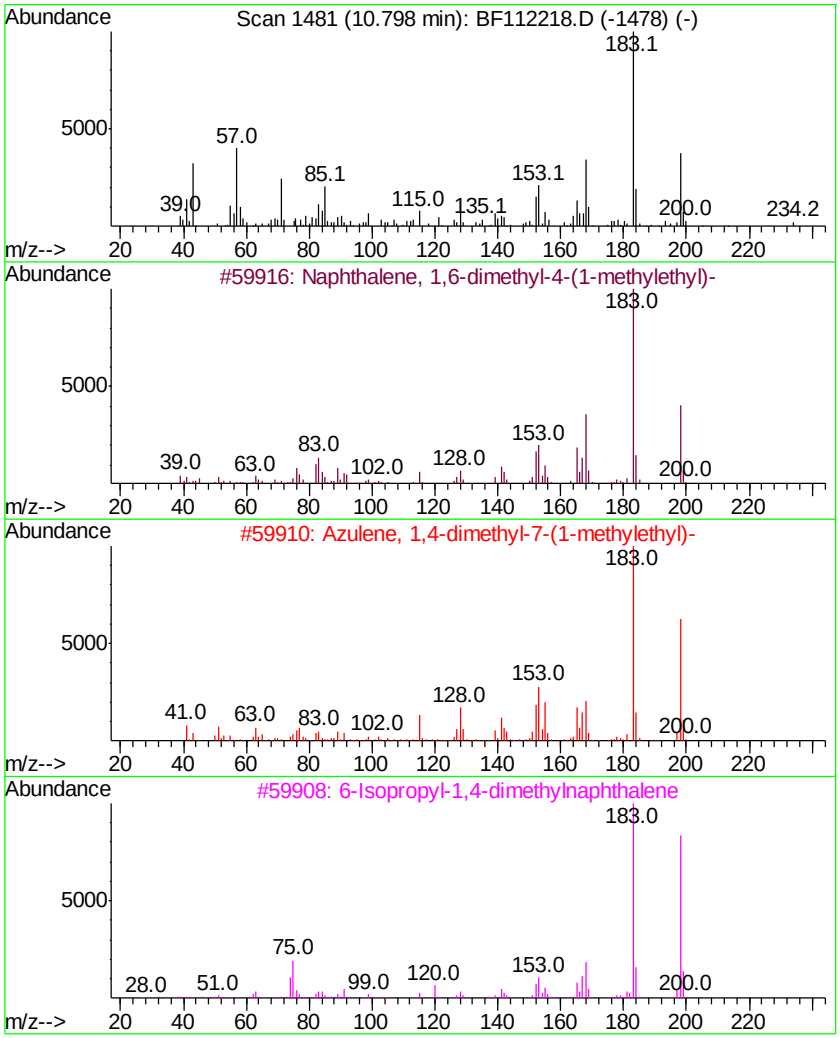
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

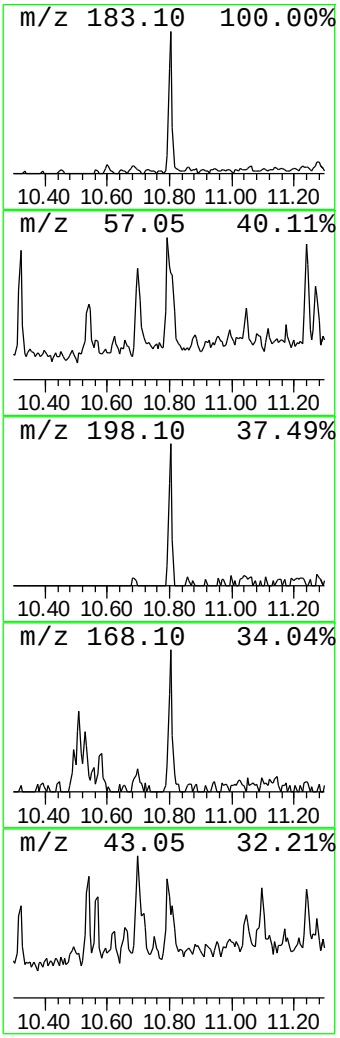
****

Peak Number 6 Naphthalene, 1,6-dimethyl-4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.13 ng	163409	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	98
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	91
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	78
4	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	58
5	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	50





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Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

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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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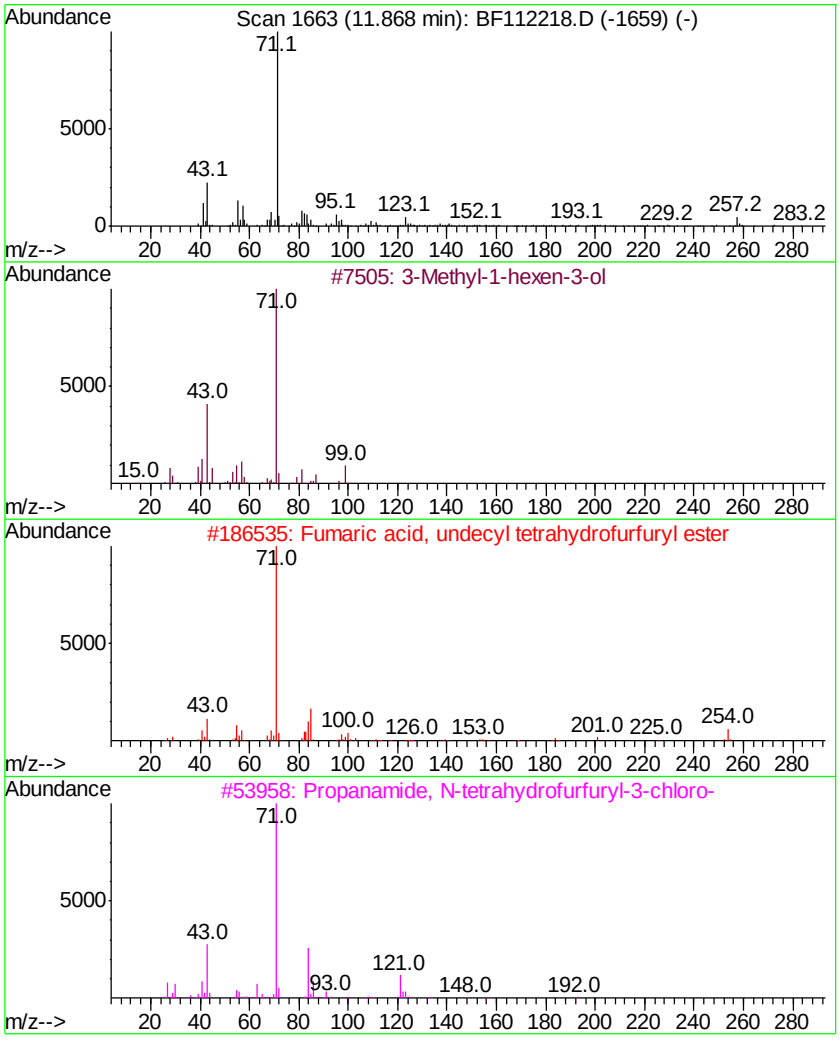
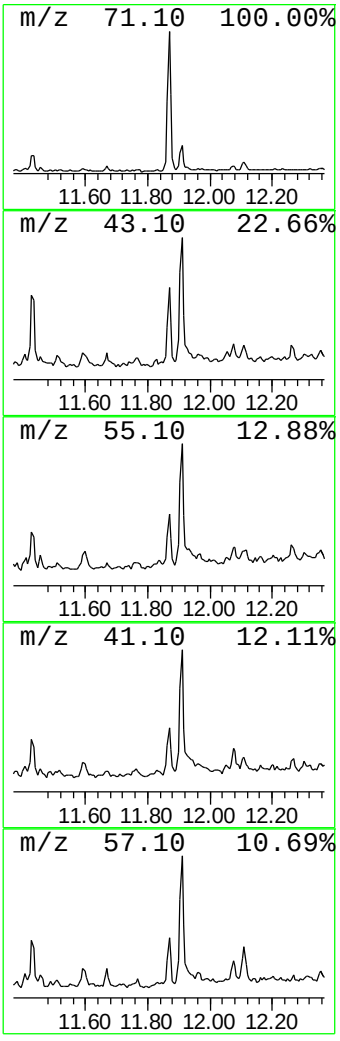
Peak Number 7 3-Methyl-1-hexen-3-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.37 ng	411406	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-hexen-3-ol	114	C7H14O	055145-28-3	64
2	Fumaric acid, undecyl tetrahydro...	354	C20H34O5	1000330-58-5	64
3	Propanamide, N-tetrahydrofurfuryv...	191	C8H14ClNO2	1000307-22-4	59
4	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	53
5	Isophytol	296	C20H40O	000505-32-8	53





Library Search Compound Report

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Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

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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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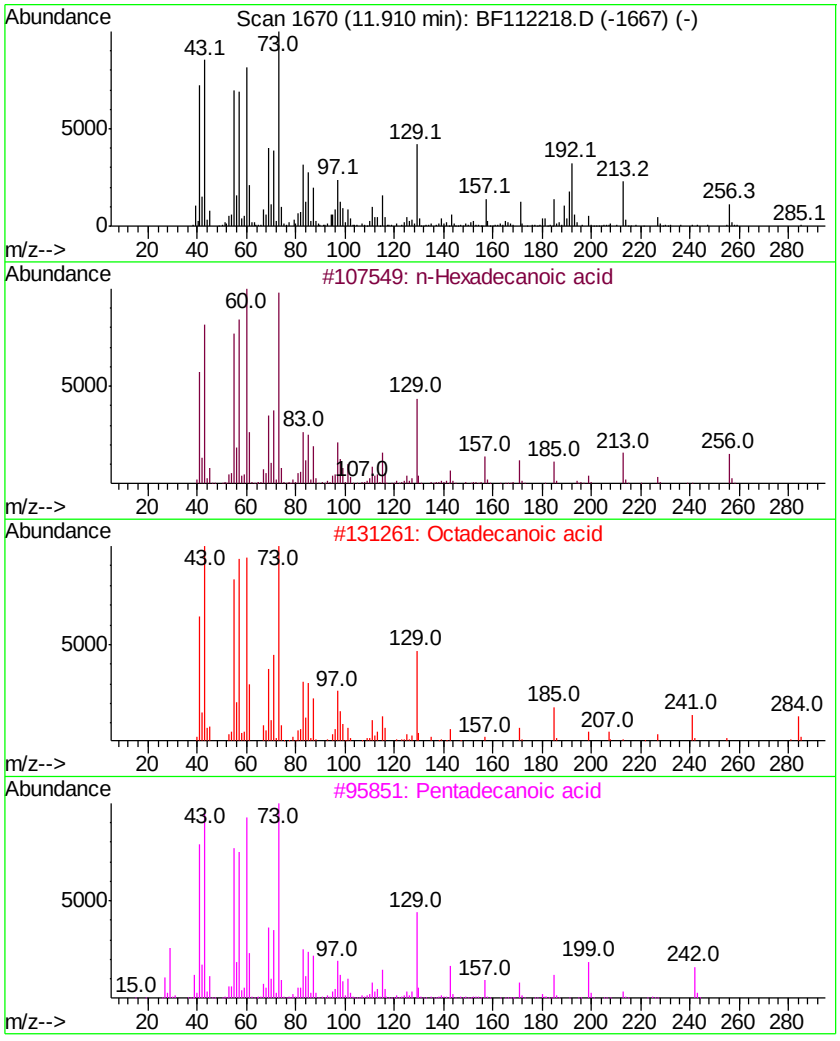
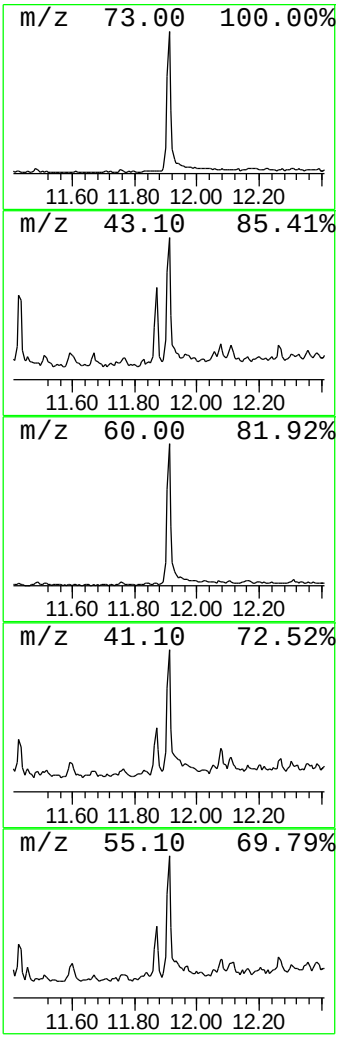
Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	8.34 ng	639006	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Operator : JU/SJ
Sample : K1223-06 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TS-R

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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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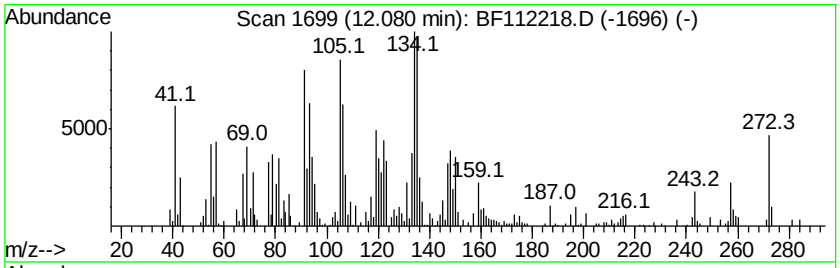
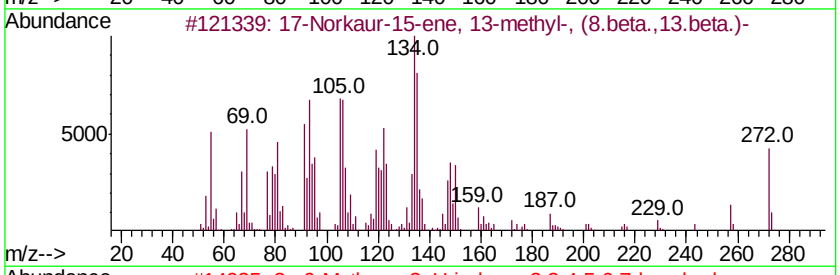
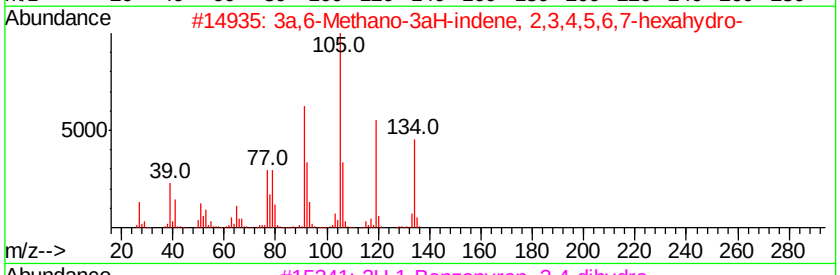
Peak Number 9 17-Norkaur-15-ene, 13-methy... Concentration Rank 15

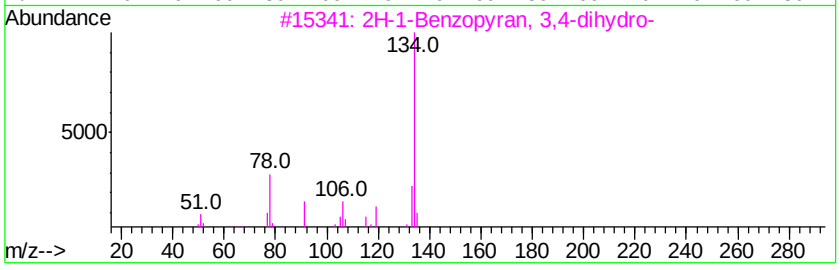
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.19 ng	168137	Phenanthrene-d10	11.38

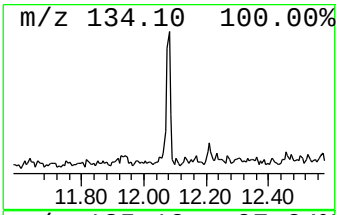
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	95
2	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	30
3	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	30
4	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	25
5	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	18

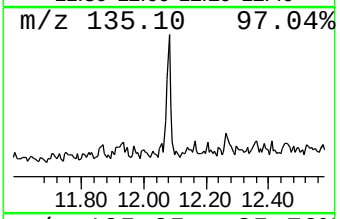


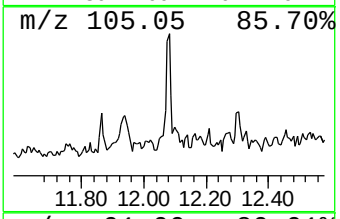


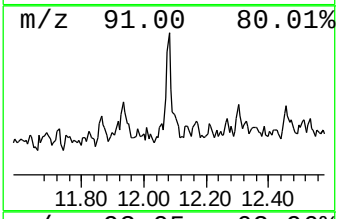


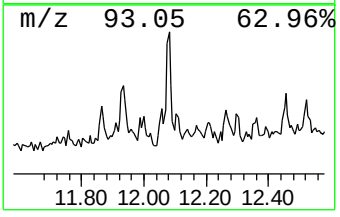












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Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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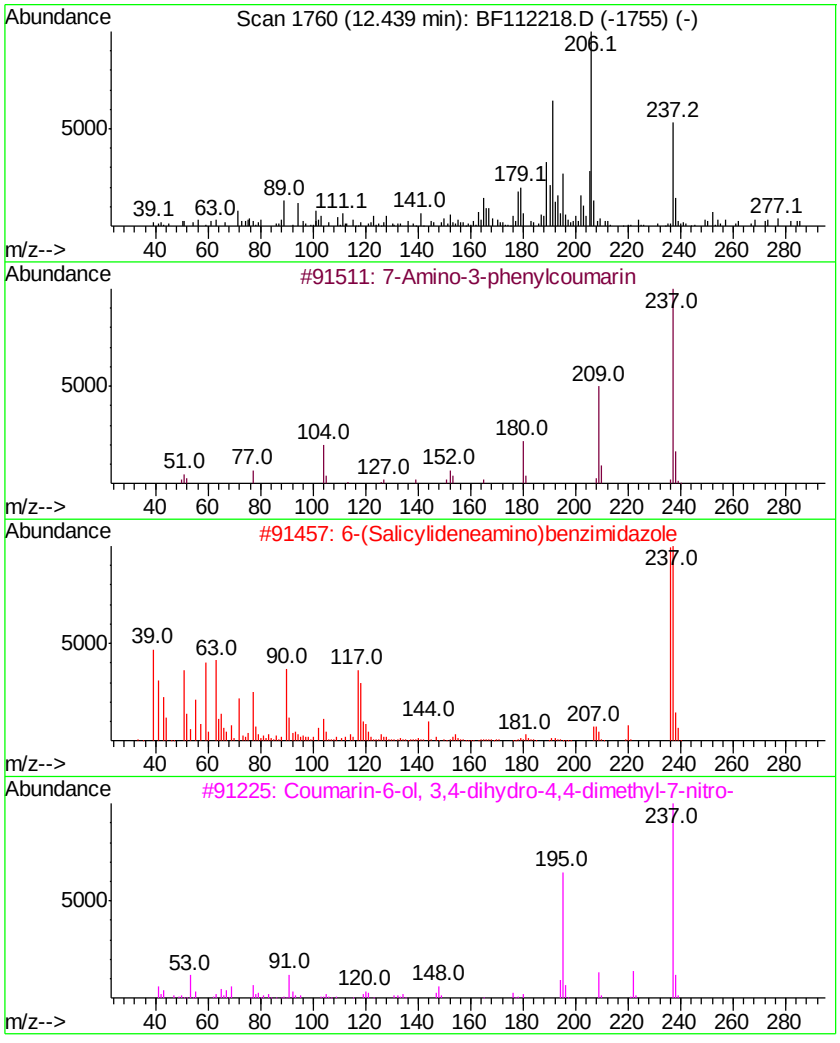
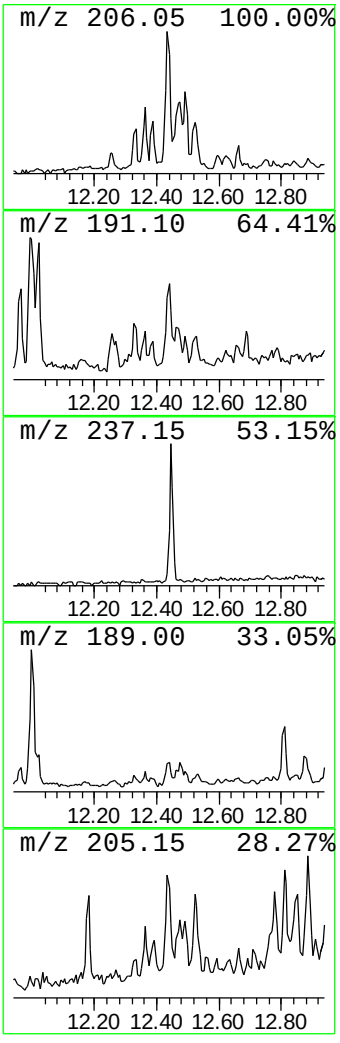
Peak Number 10 unknown12.44 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.68 ng	281570	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	38
2	6-(Salicylideneamino)benzimidazole	237	C14H11N3O	1000225-65-4	38
3	Coumarin-6-ol, 3,4-dihydro-4,4-d...	237	C11H11NO5	1000126-61-0	38
4	9-Methyl-10-nitroanthracene	237	C15H11NO2	084457-22-7	32
5	N-(3,4,5-Trimethoxybenzylidine) ...	237	C13H19NO3	035967-21-6	32





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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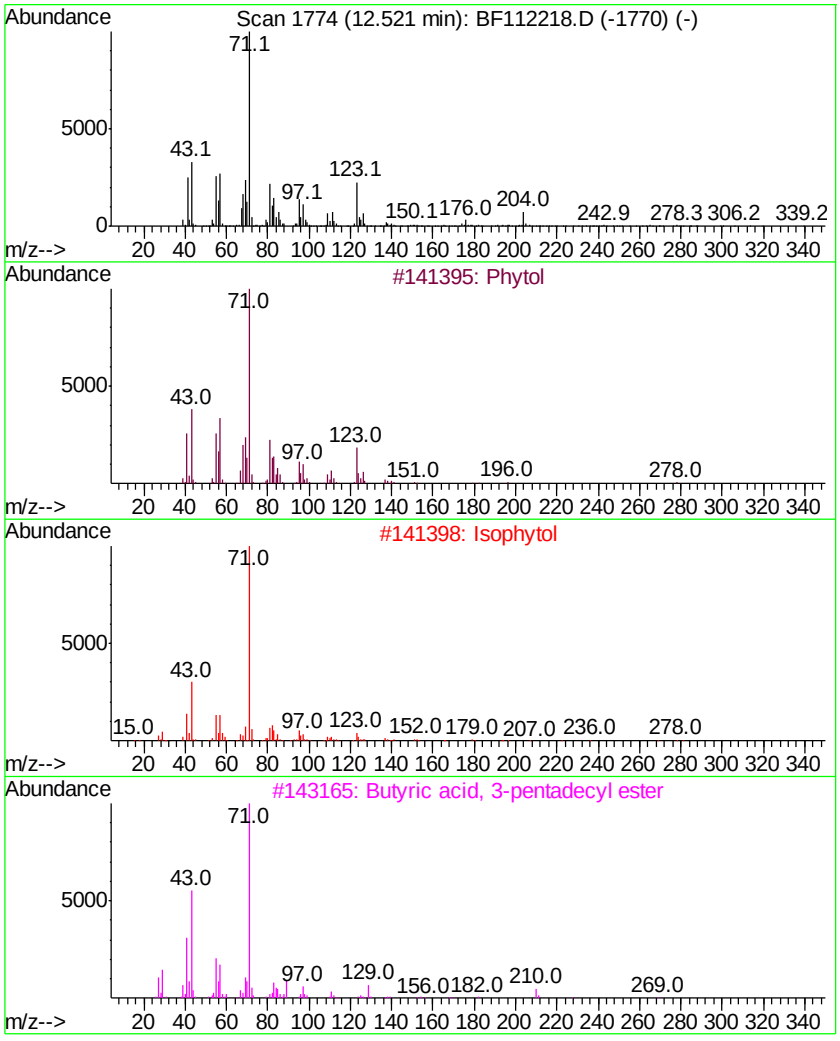
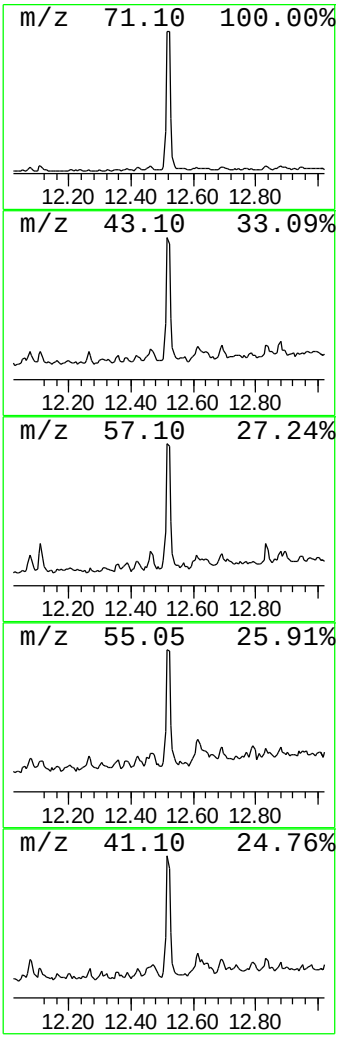
Peak Number 11 Phytol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	11.18 ng	856719	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Isophytol	296	C20H40O	000505-32-8	53
3	Butyric acid, 3-pentadecyl ester	298	C19H38O2	1000280-57-3	50
4	Sulfurous acid, hexadecyl 2-pent...	376	C21H44O3S	1000309-16-5	50
5	Sulfurous acid, 2-pentyl tridecy...	334	C18H38O3S	1000309-16-2	50





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Misc :
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Instrument : BNA_F
ClientSampleId : TS-R

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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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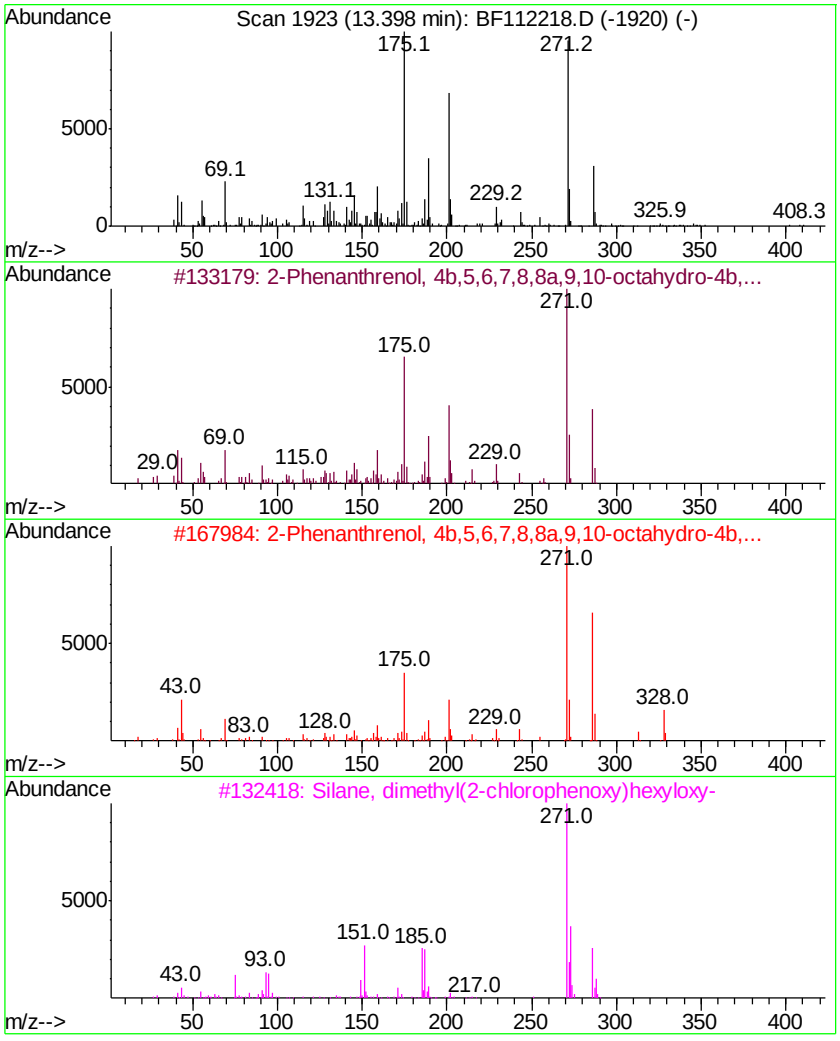
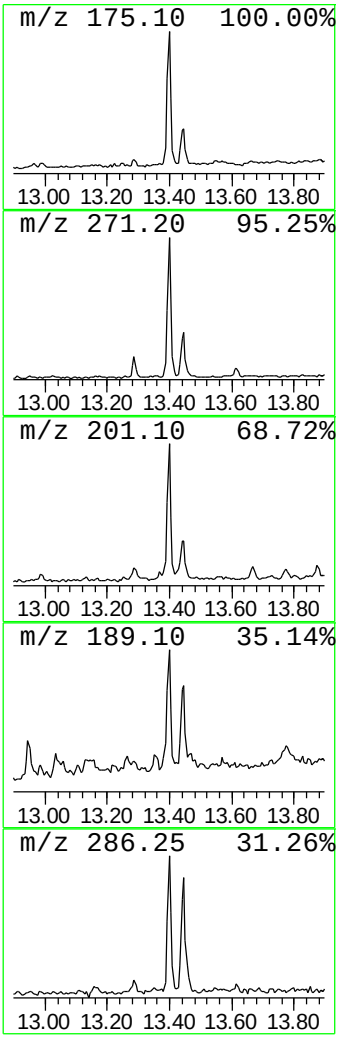
Peak Number 12 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	4.52 ng	345528	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	86
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	68
3	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	27
4	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	25
5	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	18





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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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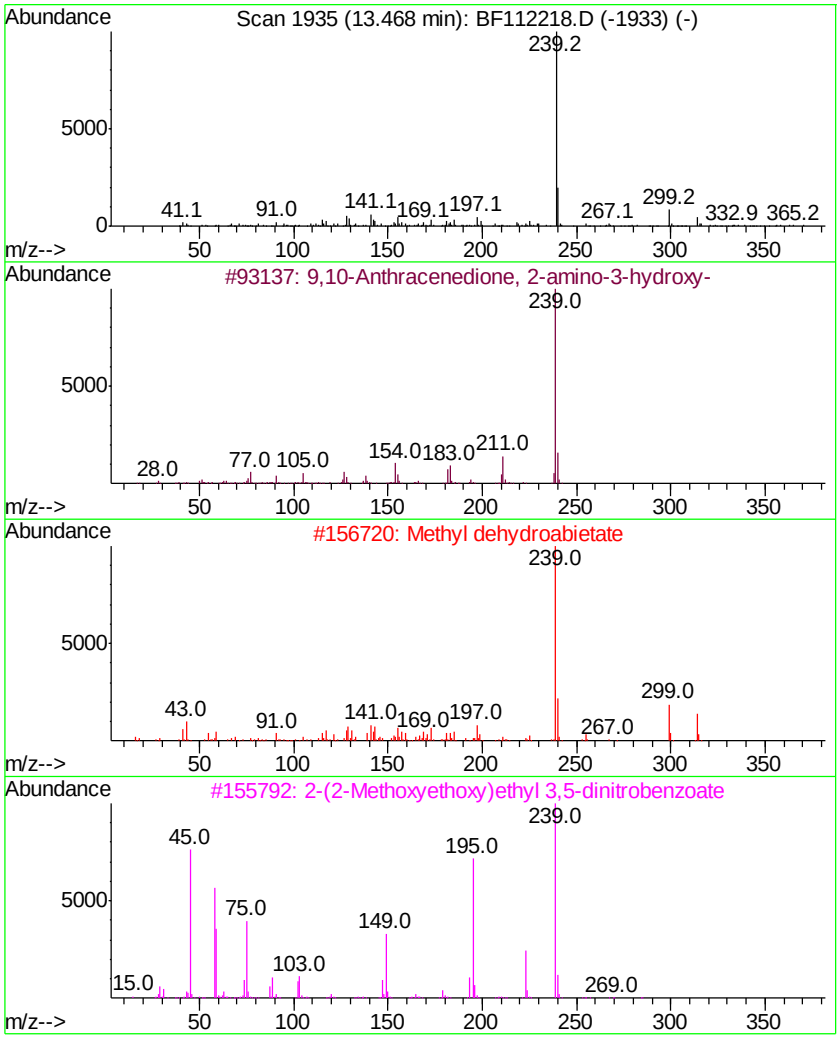
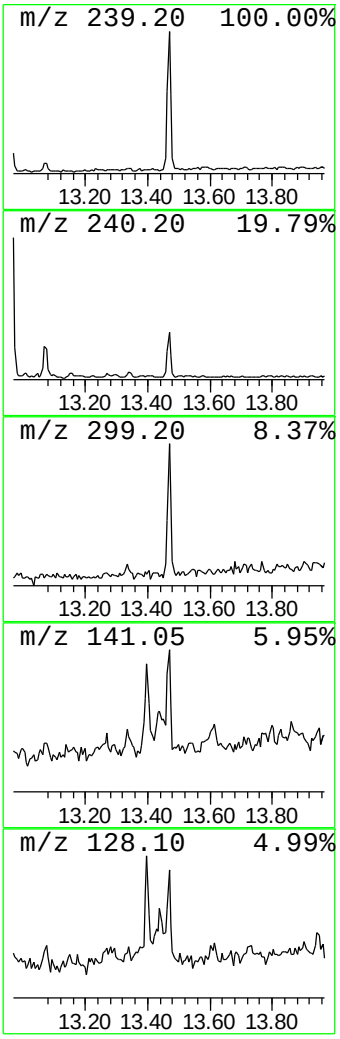
Peak Number 13 9,10-Anthracenedione, 2-ami... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.68 ng	204516	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	72
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	70
3	2-(2-Methoxyethoxy)ethyl 3,5-din...	314	C12H14N2O8	1000378-31-0	47
4	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	45
5	Pyrano[3,2-c]chromene-3-carbonit...	361	C19H11N3O5	177028-91-0	40





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TIC Integration Parameters: LSCINT.P

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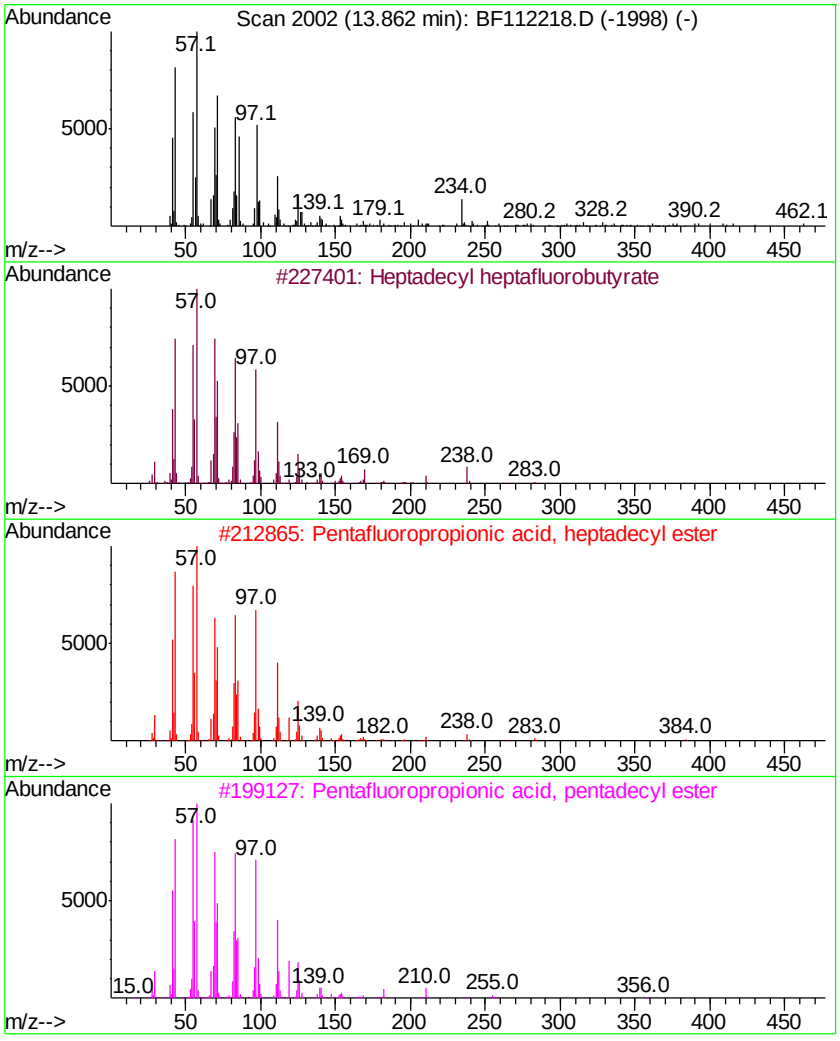
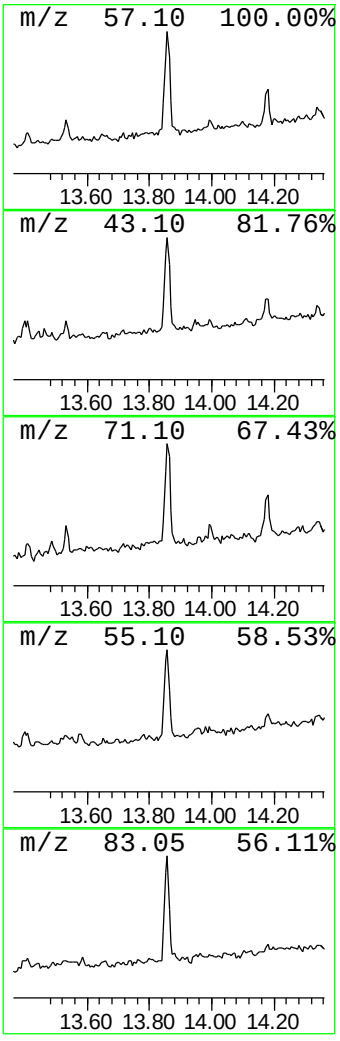
Peak Number 14 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.39 ng	487889	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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

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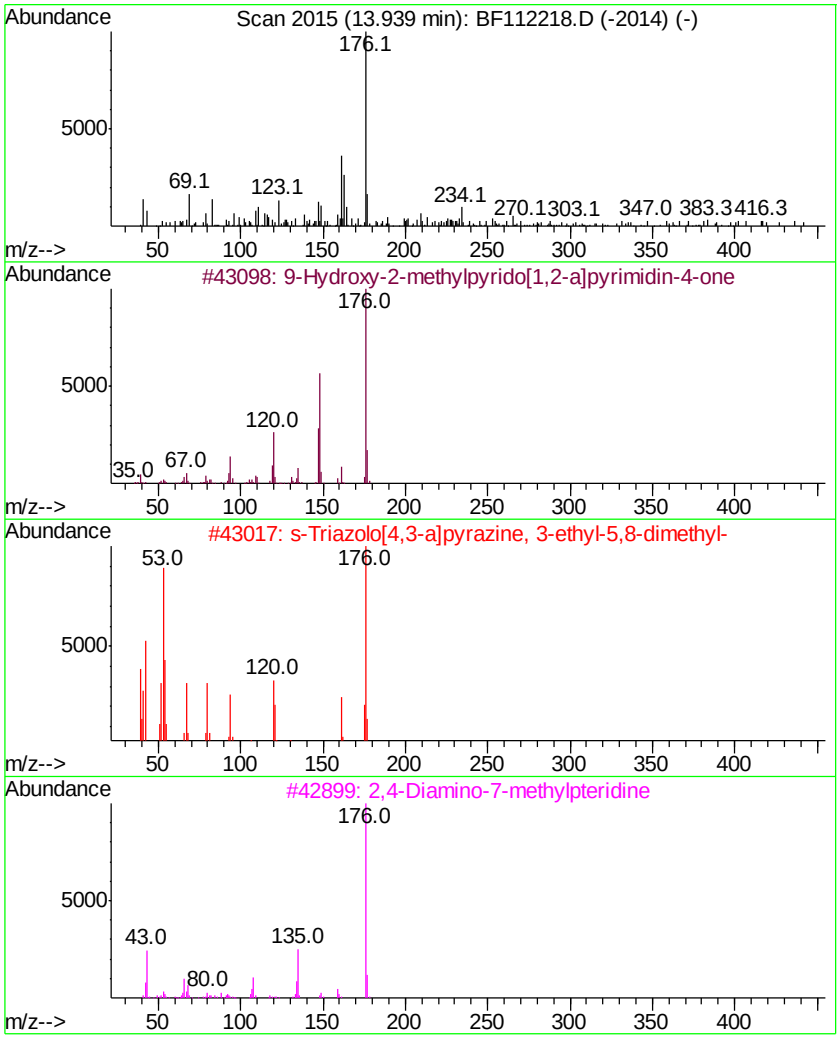
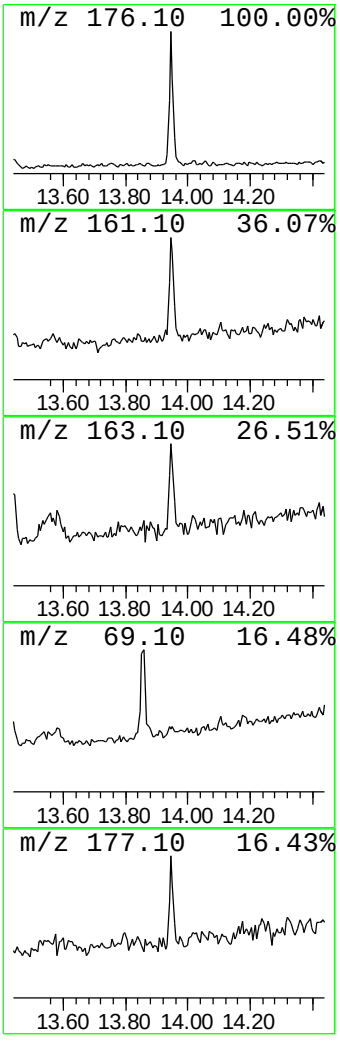
Peak Number 15 9-Hydroxy-2-methylpyrido[1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.32 ng	177267	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hydroxy-2-methylpyrido[1,2-alp...	176	C9H8N2O2	1000311-37-2	52
2	s-Triazolo[4,3-a]pyrazine, 3-eth...	176	C9H12N4	019848-81-8	52
3	2,4-Diamino-7-methylpteridine	176	C7H8N6	004215-07-0	47
4	13-Berbinol, 9,10-dimethoxy-2,3-...	355	C20H21NO5	100101-07-3	47
5	2,4(1H,3H)-Quinazolinedione, 3-m...	176	C9H8N2O2	000607-19-2	47





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

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

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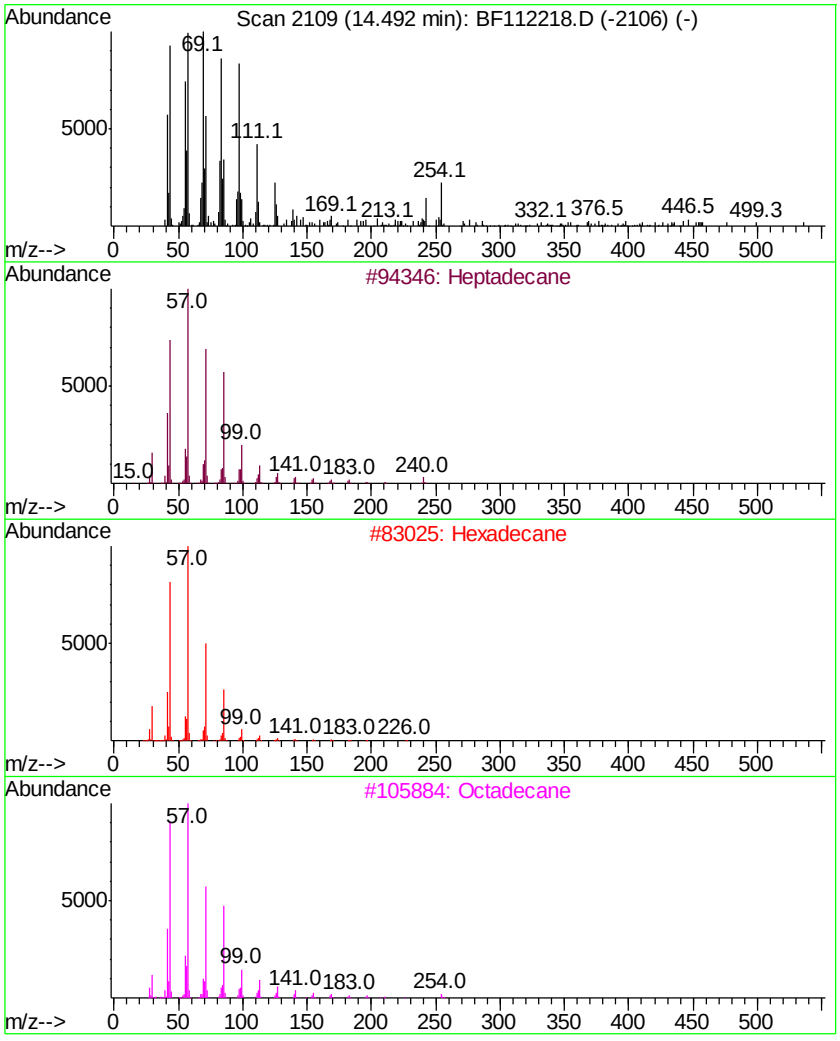
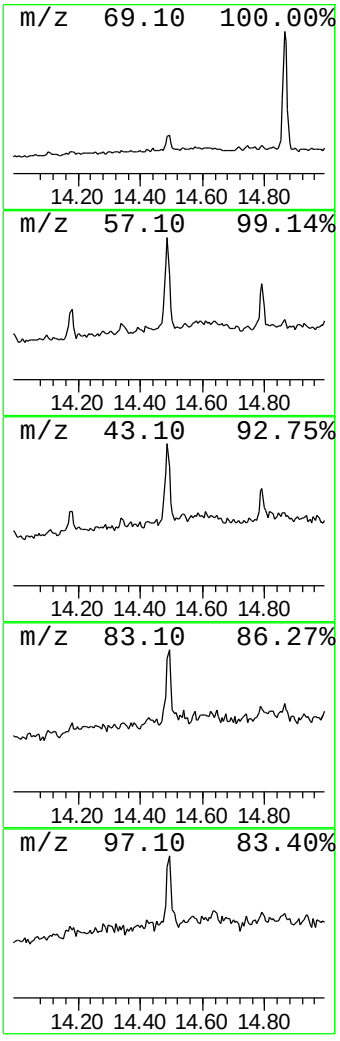
Peak Number 16 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.95 ng	301539	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Hexadecane	226	C16H34	000544-76-3	70
3	Octadecane	254	C18H38	000593-45-3	62
4	Tetradecane	198	C14H30	000629-59-4	58
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

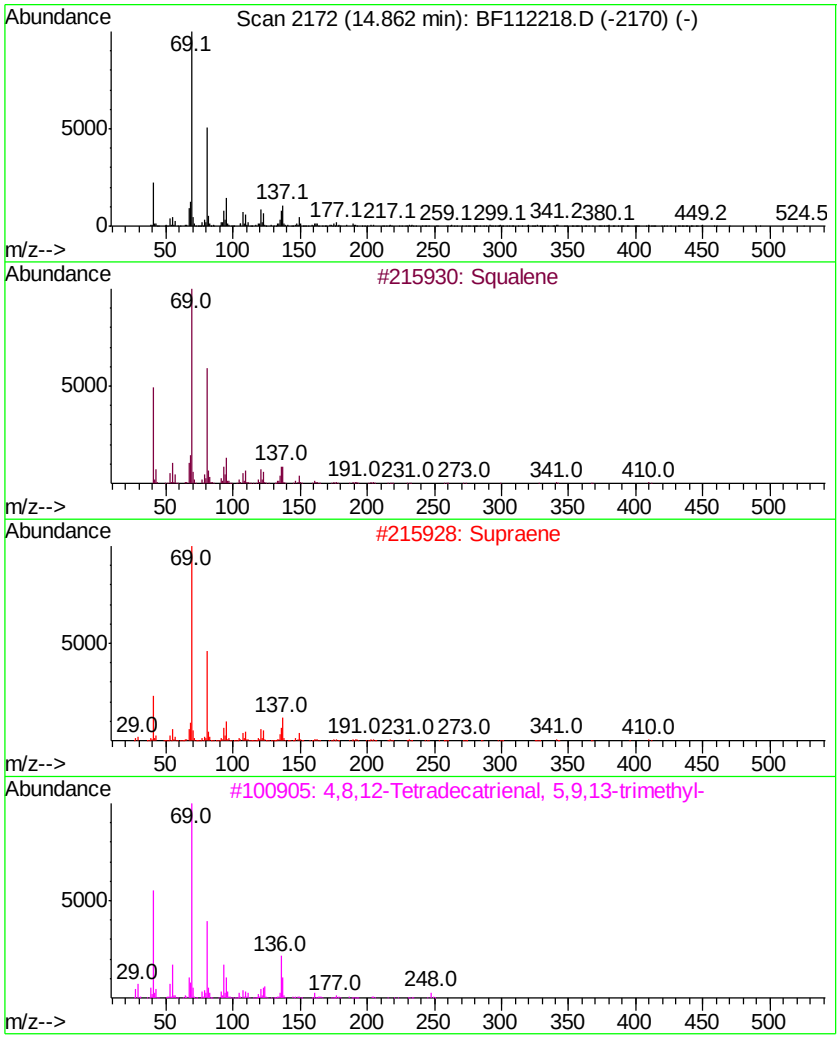
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

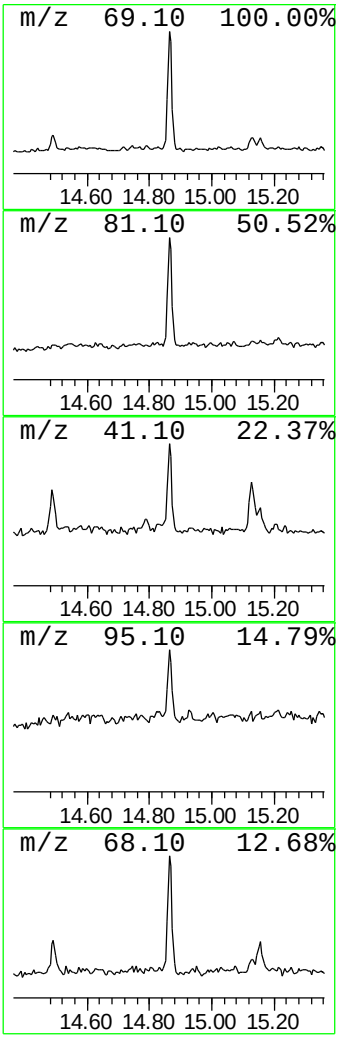
****

Peak Number 17 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	11.61 ng	551670	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	87
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	trans-Geranylgeraniol	290	C20H34O	024034-73-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
Operator : JU/SJ
Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
2-Pentanone, 4-hy...	5.06	2.0	ng	115713	1	6.86	1126190	20.0
unknown6.63	6.63	37.9	ng	2135170	1	6.86	1126190	20.0
1H-3a,7-Methanoaz...	9.55	5.0	ng	435515	3	9.89	1738140	20.0
Cyclodecane	9.69	2.4	ng	210375	3	9.89	1738140	20.0
.alfa.-Copaene	10.02	4.2	ng	361108	3	9.89	1738140	20.0
Naphthalene, 1,6-...	10.80	2.1	ng	163409	4	11.38	1532290	20.0
3-Methyl-1-hexen-...	11.87	5.4	ng	411406	4	11.38	1532290	20.0
n-Hexadecanoic acid	11.91	8.3	ng	639006	4	11.38	1532290	20.0
17-Norkaur-15-ene...	12.08	2.2	ng	168137	4	11.38	1532290	20.0
unknown12.44	12.44	3.7	ng	281570	4	11.38	1532290	20.0
Phytol	12.52	11.2	ng	856719	4	11.38	1532290	20.0
2-Phenanthrenol, ...	13.40	4.5	ng	345528	5	14.03	1527510	20.0
9,10-Anthracenedi...	13.47	2.7	ng	204516	5	14.03	1527510	20.0
Heptadecyl heptaf...	13.86	6.4	ng	487889	5	14.03	1527510	20.0
9-Hydroxy-2-methy...	13.94	2.3	ng	177267	5	14.03	1527510	20.0
Heptadecane	14.49	4.0	ng	301539	5	14.03	1527510	20.0
Squalene	14.86	11.6	ng	551670	6	15.51	950292	20.0