LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100642.D
Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	5.098	508	512	523	rBV	241767	267345	20.07%	1.183%
2	5.493	573	579	583	rBV	1222028	1096787	82.35%	4.853%
3	6.498	745	750	755	rBV	1191347	1248254	93.72%	5.523%
4	6.645	771	775	779	rVV	1294458	1185607	89.02%	5.246%
5	6.710	783	786	790	rBV2	43808	43490	3.27%	0.192%
6	6.881	812	815	819	rVB	899117	764178	57.37%	3.381%
7	6.934	821	824	827	rBV	25680	24617	1.85%	0.109%
8	7.040	837	842	845	rBV	1113016	957258	71.87%	4.236%
9	7.198	864	869	871	rBV2	27784	24720	1.86%	0.109%
10	7.275	875	882	885	rBV5	21325	29018	2.18%	0.128%
11	7.416	900	906	907	rBV3	33102	39459	2.96%	0.175%
12	7.439	907	910	913	rVV	841597	746530	56.05%	3.303%
13	7.469	913	915	920	rVV	47903	48961	3.68%	0.217%
14	7.528	920	925	927	rVB5	21155	29280	2.20%	0.130%
15	7.675	948	950	955	rVB2	18441	24153	1.81%	0.107%
16	7.804	970	972	975	rBV2	24075	24045	1.81%	0.106%
17	7.904	986	989	992	rBV2	31439	35861	2.69%	0.159%
18	8.139	1026	1029	1030	rBV	77874	58851	4.42%	0.260%
19	8.163	1030	1033	1036	rVV	1118099	1016575	76.32%	4.498%
20	8.186	1036	1037	1039	rVV	132659	67810	5.09%	0.300%
21	8.216	1039	1042	1045	rVB2	54335	54417	4.09%	0.241%
22	8.245	1045	1047	1050	rBV4	25923	24122	1.81%	0.107%
23	8.363	1064	1067	1072	rVB4	25885	26722	2.01%	0.118%
24	8.451	1077	1082	1086	rVB7	37162	54995	4.13%	0.243%
25	8.504	1086	1091	1094	rBV5	16089	23093	1.73%	0.102%
26	8.545	1094	1098	1101	rBV4	26661	31919	2.40%	0.141%
27	8.581	1101	1104	1106	rBV	65822	56875	4.27%	0.252%
28	8.628	1110	1112	1116	rVB2	33391	29788	2.24%	0.132%
29	8.669	1116	1119	1121	rBV	42069	38529	2.89%	0.170%
30	8.716	1121	1127	1130	rBV2	70834	90810	6.82%	0.402%
31	8.751	1130	1133	1136	rBV2	97306	86306	6.48%	0.382%
32	8.798	1136	1141	1144	rBV3	37532	57466	4.31%	0.254%
33	8.875	1152	1154	1157	rVB	78641	54021	4.06%	0.239%
34	8.939	1162	1165	1167	rBV4	22215	25697	1.93%	0.114%

LSC Area Percent Report

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Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.975	1167	1171	1175	rVV2	52339	63459	4.76%	0.281%
36	9.045	1178	1183	1185	rBV3	20303	34014	2.55%	0.151%
37	9.110	1190	1194	1199	rBV5	35668	51854	3.89%	0.229%
38	9.181	1203	1206	1211	rVB3	89615	90826	6.82%	0.402%
39	9.239	1211	1216	1219	rBV	1482704	1331915	100.00%	5.894%
40	9.316	1225	1229	1232	rBV	175219	185785	13.95%	0.822%
41	9.386	1239	1241	1243	rVB2	43478	34355	2.58%	0.152%
42	9.433	1247	1249	1255	rVB3	32447	30694	2.30%	0.136%
43	9.504	1257	1261	1266	rBV2	63180	94077	7.06%	0.416%
44	9.575	1270	1273	1275	rVV	100025	95423	7.16%	0.422%
45	9.598	1275	1277	1279	rVV2	53938	49184	3.69%	0.218%
46	9.628	1279	1282	1285	rVV2	245938	242946	18.24%	1.075%
47	9.657	1285	1287	1290	rVB4	27683	25917	1.95%	0.115%
48	9.692	1290	1293	1295	rBV3	71107	60350	4.53%	0.267%
49	9.781	1305	1308	1311	rBV2	89674	96875	7.27%	0.429%
50	9.839	1314	1318	1321	rVB2	136862	156907	11.78%	0.694%
51	9.922	1326	1332	1335	rVV	1015099	952540	71.52%	4.215%
52	9.951	1335	1337	1340	rVB	104807	78611	5.90%	0.348%
53	10.022	1345	1349	1353	rBV2	49855	68472	5.14%	0.303%
54	10.075	1353	1358	1360	rBV3	40869	66664	5.01%	0.295%
55	10.122	1360	1366	1369	rVV3	106573	152861	11.48%	0.676%
56	10.157	1369	1372	1377	rVB3	99288	106117	7.97%	0.470%
57	10.233	1382	1385	1387	rBV	93202	90631	6.80%	0.401%
58	10.263	1387	1390	1392	rVV3	49809	54864	4.12%	0.243%
59	10.339	1401	1403	1406	rVB	179056	139265	10.46%	0.616%
60	10.463	1421	1424	1427	rBV2	106216	107658	8.08%	0.476%
61	10.557	1437	1440	1446	rVB2	124141	184524	13.85%	0.816%
62	10.628	1447	1452	1456	rVB2	145260	148233	11.13%	0.656%
63	10.704	1462	1465	1469	rVB	452991	350911	26.35%	1.553%
64	10.828	1481	1486	1489	rBV	319579	397090	29.81%	1.757%
65	10.904	1496	1499	1501	rVB	43277	38128	2.86%	0.169%
66	11.039	1520	1522	1525	rVB3	55787	49005	3.68%	0.217%
67	11.263	1557	1560	1562	rBV	144990	119178	8.95%	0.527%
68	11.292	1562	1565	1571	rVB2	175472	231426	17.38%	1.024%
69	11.404	1581	1584	1586	rBV	869881	781424	58.67%	3.458%
70	11.427	1586	1588	1592	rVV	676278	554695	41.65%	2.454%
71	11.480	1594	1597	1599	rVB	170993	122176	9.17%	0.541%

LSC Area Percent Report

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Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.510	1600	1602	1605	rVV3	36917	38212	2.87%	0.169%
73	11.633	1620	1623	1628	rBV2	73777	96693	7.26%	0.428%
74	11.686	1630	1632	1636	rVB2	116674	103269	7.75%	0.457%
75	11.733	1638	1640	1642	rBV	37302	29919	2.25%	0.132%
76	11.904	1666	1669	1671	rBV	122516	107796	8.09%	0.477%
77	11.933	1671	1674	1679	rVB	151857	143287	10.76%	0.634%
78	11.980	1680	1682	1685	rVV	52631	56275	4.23%	0.249%
79	12.016	1685	1688	1691	rVV2	177492	209743	15.75%	0.928%
80	12.039	1691	1692	1695	rVB	100121	60213	4.52%	0.266%
81	12.092	1699	1701	1706	rBV	93546	92284	6.93%	0.408%
82	12.198	1717	1719	1721	rBV	67988	50389	3.78%	0.223%
83	12.380	1747	1750	1752	rBV2	66394	70344	5.28%	0.311%
84	12.451	1760	1762	1765	rVB	85603	79304	5.95%	0.351%
85	12.486	1765	1768	1771	rBV2	110662	114784	8.62%	0.508%
86	12.539	1775	1777	1779	rBV2	45338	42257	3.17%	0.187%
87	12.616	1787	1790	1794	rBV	791872	712670	53.51%	3.153%
88	12.769	1814	1816	1819	rBV3	48584	42909	3.22%	0.190%
89	12.851	1824	1830	1835	rBV	769954	906706	68.08%	4.012%
90	12.986	1849	1853	1856	rBV	935953	758925	56.98%	3.358%
91	13.057	1863	1865	1870	rBV3	62220	92841	6.97%	0.411%
92	13.210	1889	1891	1894	rBV2	67442	57306	4.30%	0.254%
93	13.239	1894	1896	1899	rVV	77471	67865	5.10%	0.300%
94	13.274	1900	1902	1905	rVB2	75391	74541	5.60%	0.330%
95	13.874	2002	2004	2011	rVB3	149269	186998	14.04%	0.827%
96	14.045	2028	2033	2035	rBV2	785360	949174	71.26%	4.200%
97	14.068	2035	2037	2044	rVB	365020	320983	24.10%	1.420%
98	15.092	2207	2211	2214	rBV	249957	386555	29.02%	1.710%
99	15.462	2270	2274	2280	rBV	191131	281345	21.12%	1.245%
100	15.527	2281	2285	2294	rVB2	418760	639469	48.01%	2.830%

Sum of corrected areas: 22599669

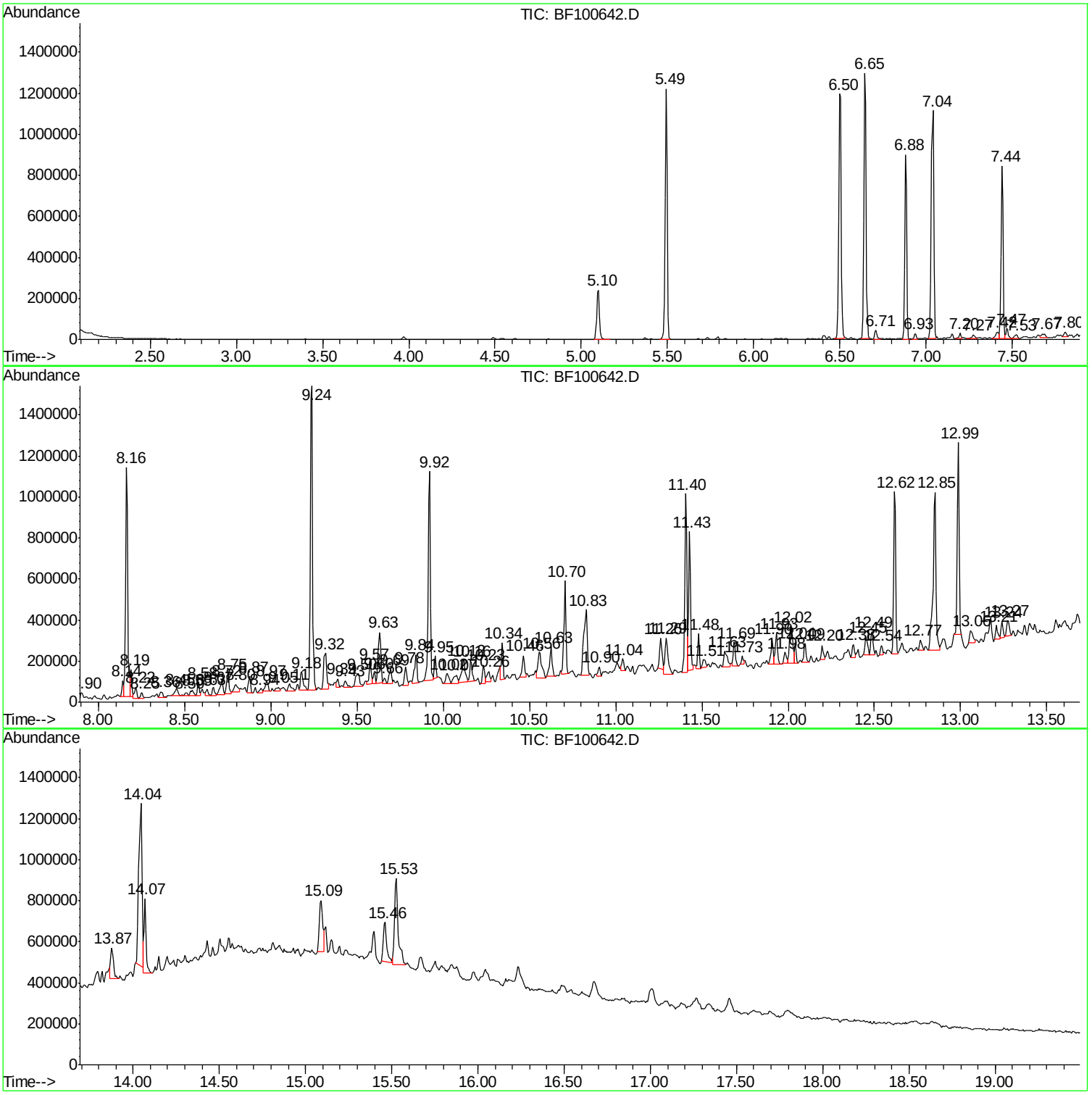
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100642.D
Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100642.D
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Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

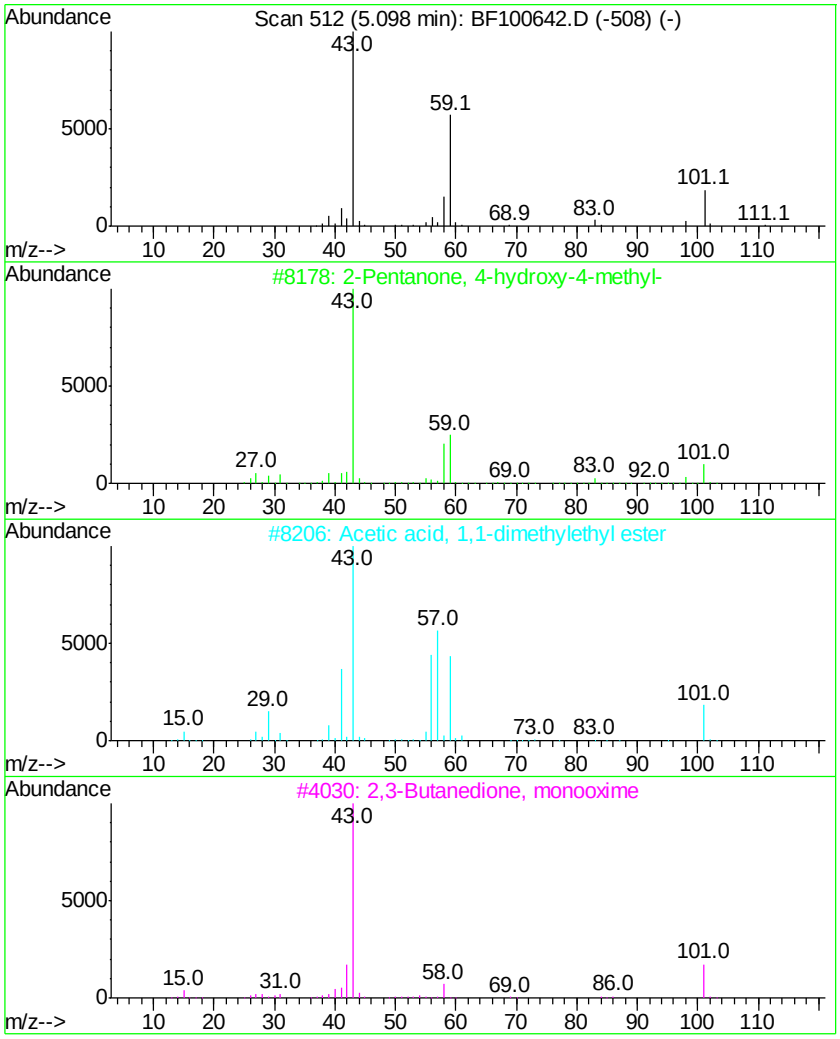
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

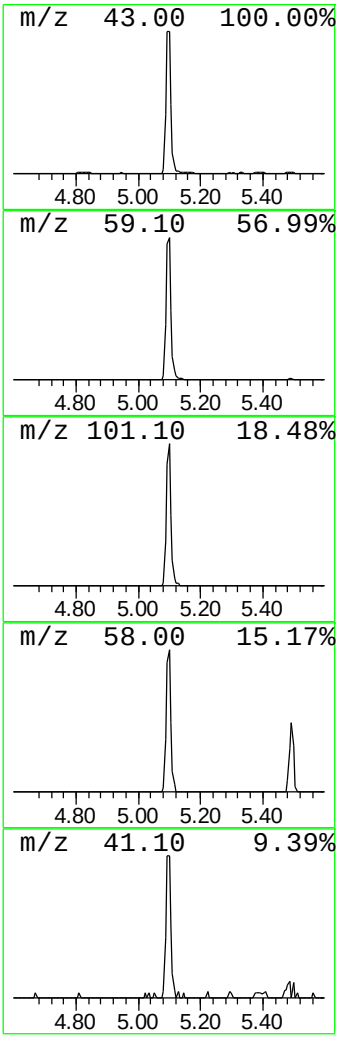
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	7.00 ng	267345	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
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Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

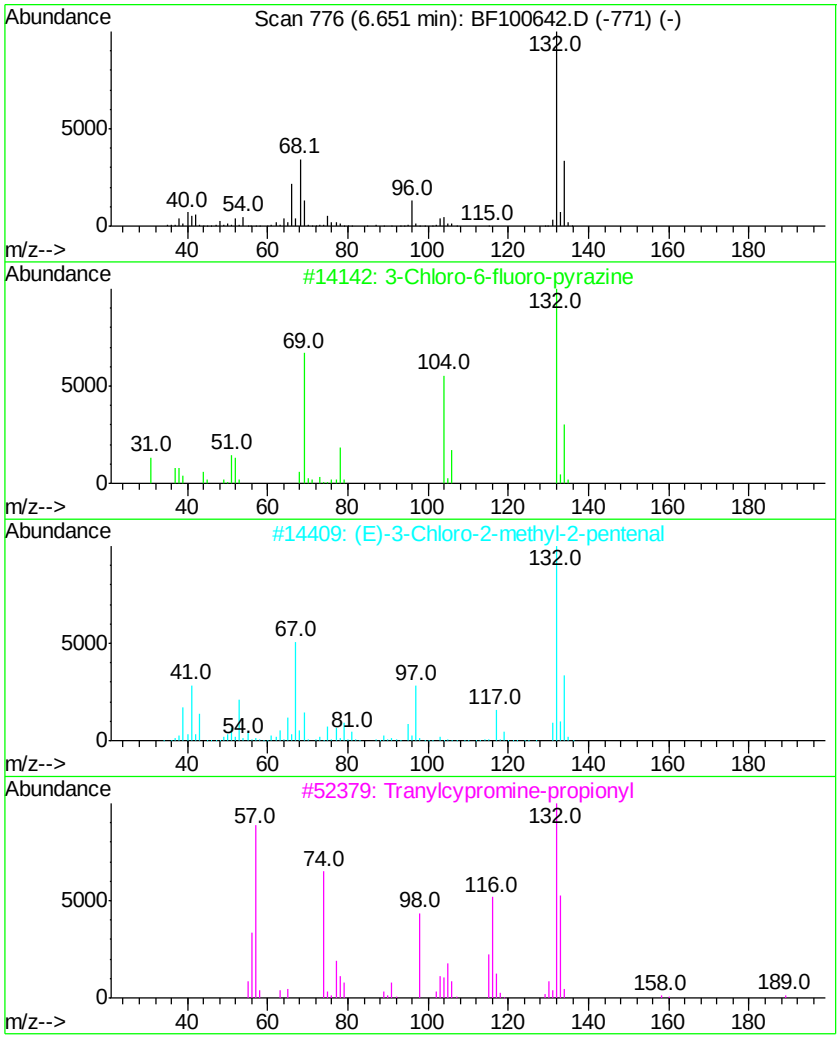
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

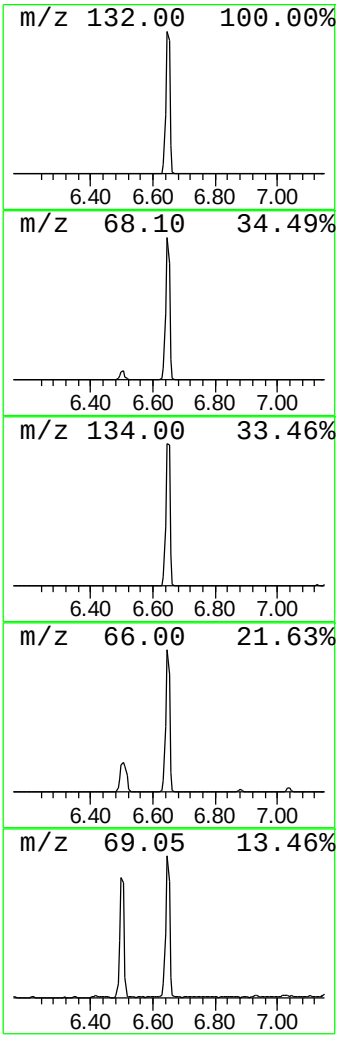
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	31.03 ng	1185610	1,4-Dichlorobenzene-d4	6.88

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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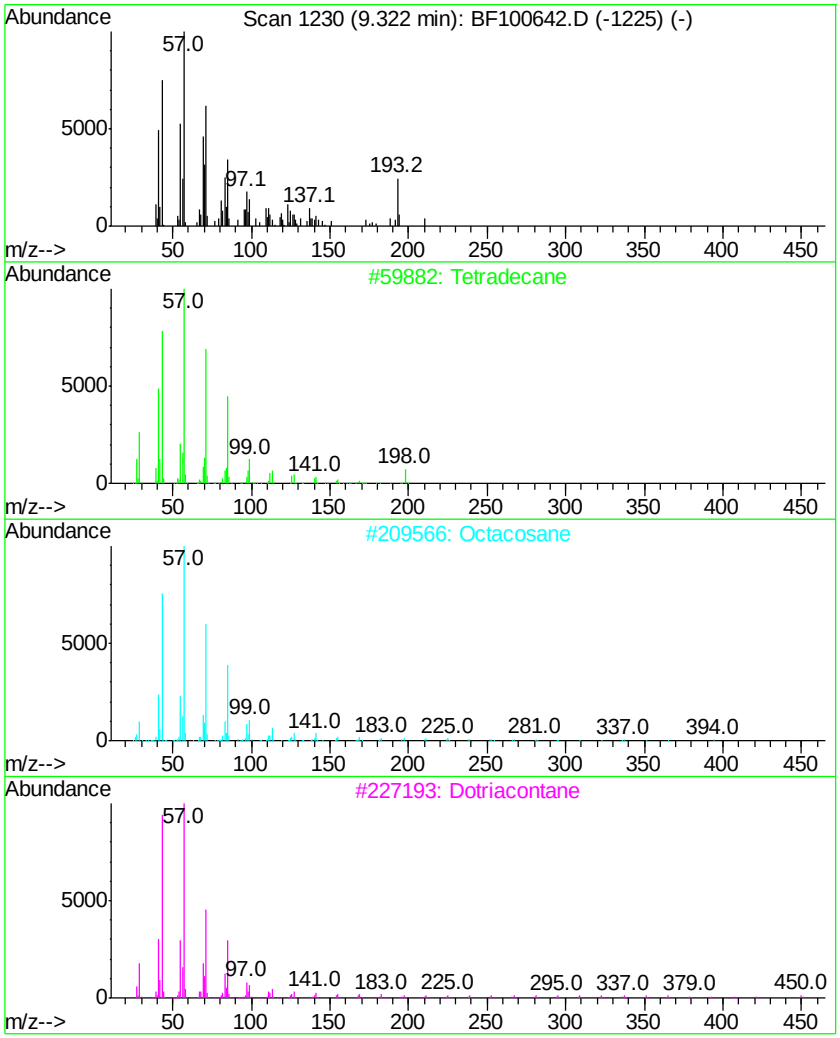
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

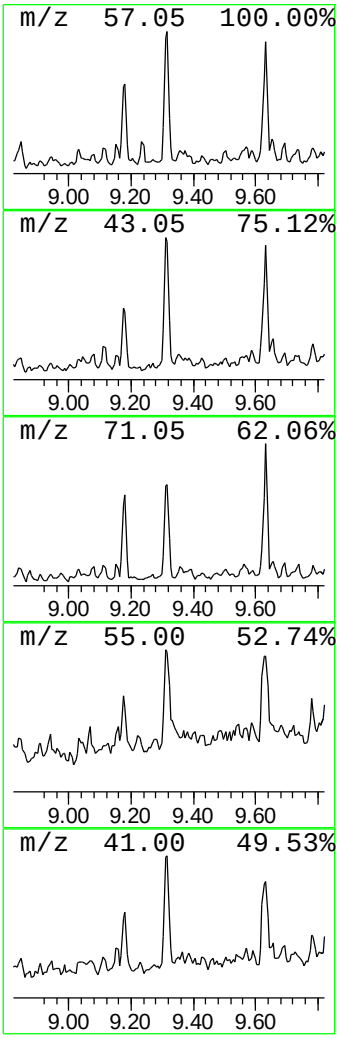
****

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.90 ng	185785	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Octacosane	394	C28H58	000630-02-4	64
3	Dotriacontane	451	C32H66	000544-85-4	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100642.D
Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

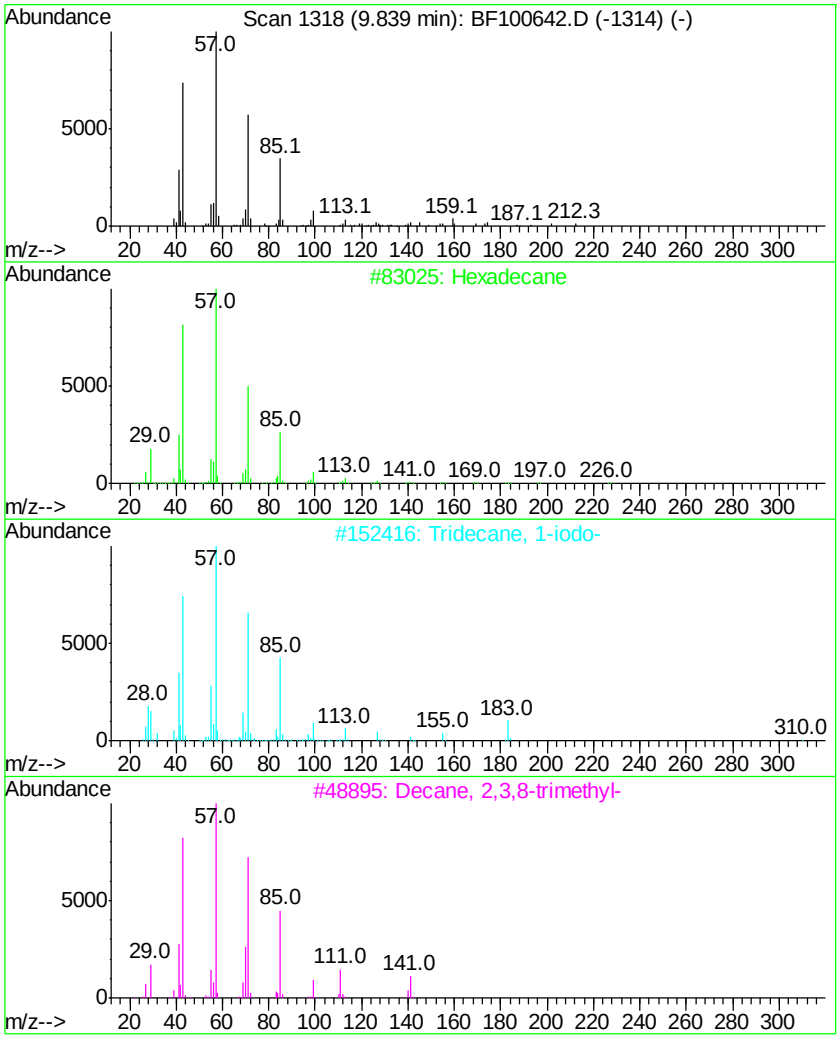
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

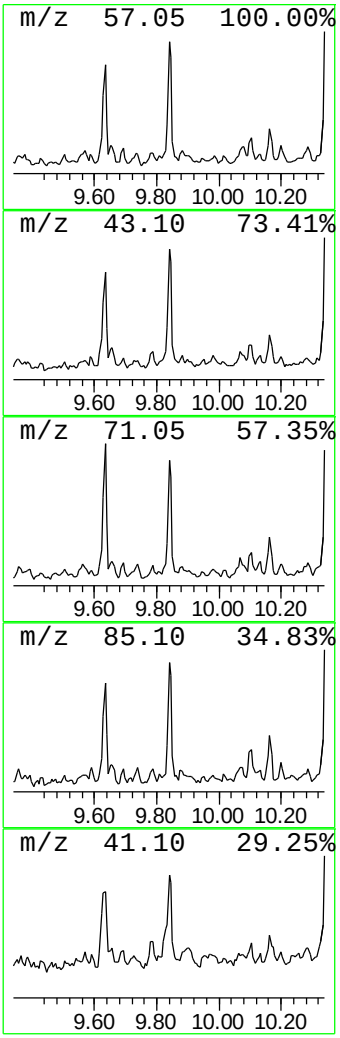
****

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.29 ng	156907	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	83
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100642.D
Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

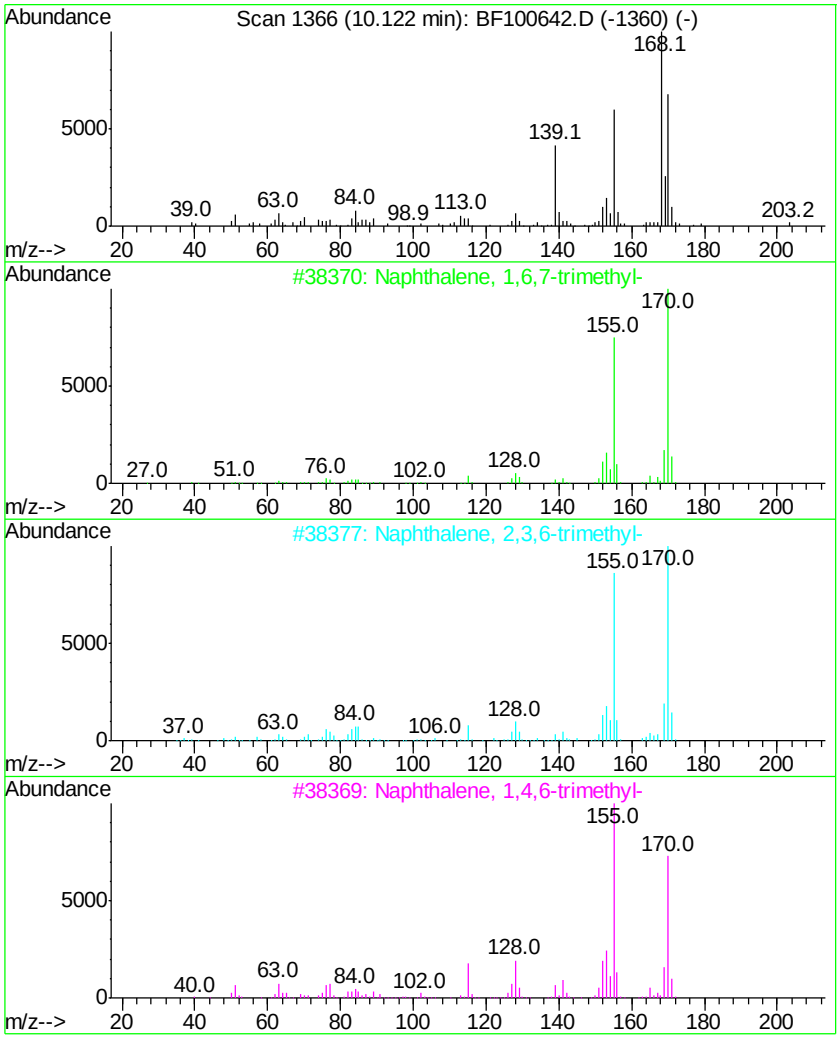
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

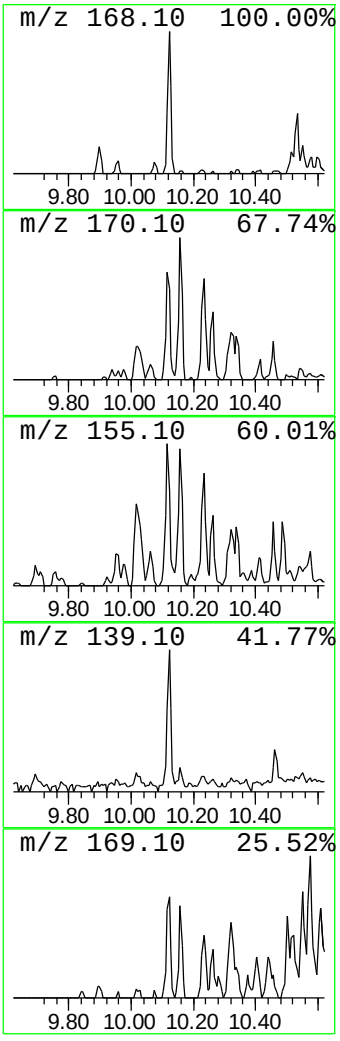
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	3.21 ng	152861	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
5	Dibenzofuran	168	C12H8O	000132-64-9	45





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Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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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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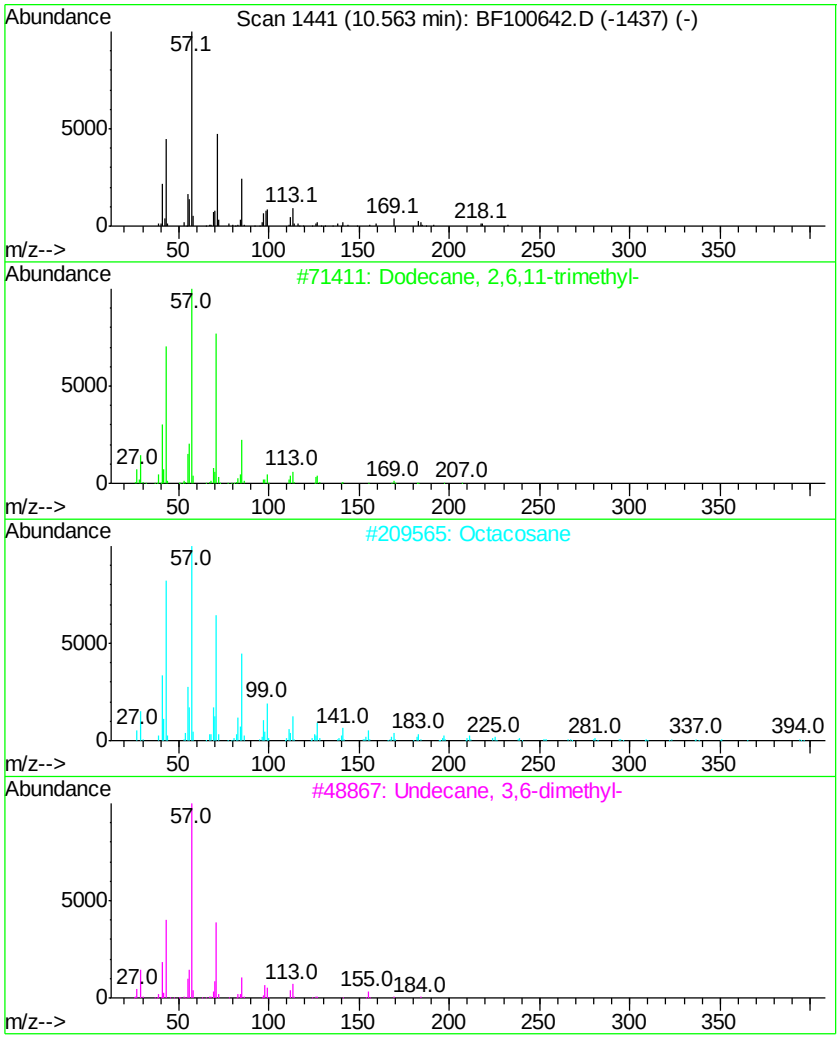
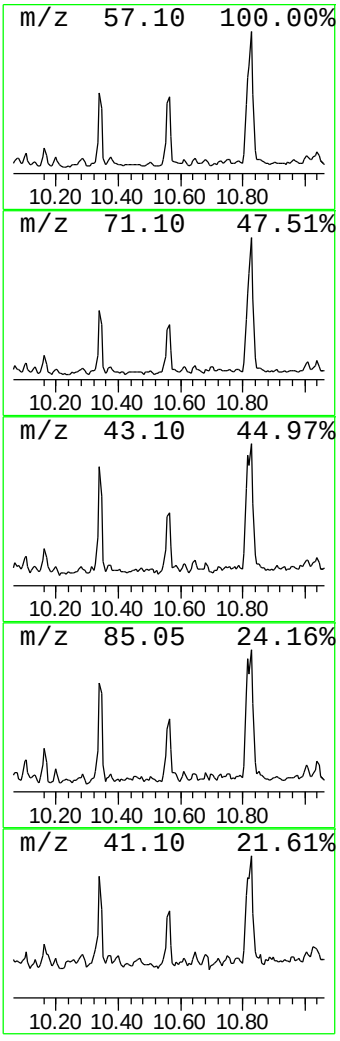
Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	3.87 ng	184524	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Octacosane	394	C28H58	000630-02-4	59
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4	Tridecane	184	C13H28	000629-50-5	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





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ClientSampleId : LEW-2-E(1-2)

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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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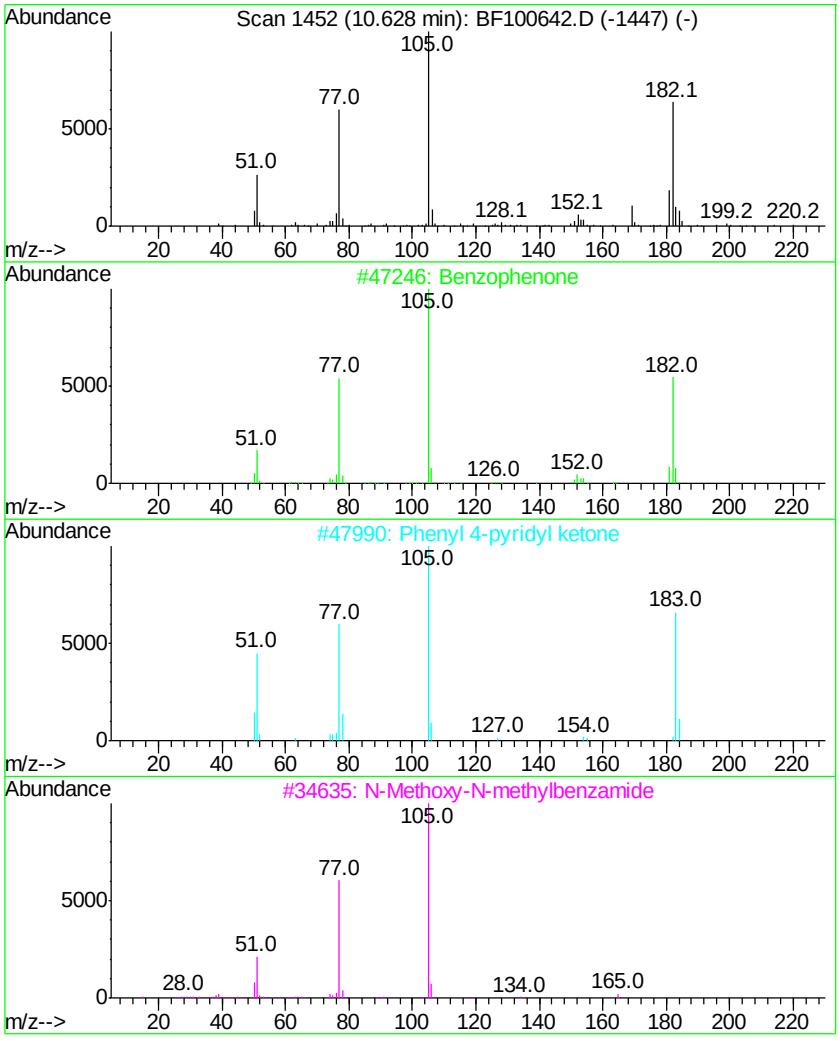
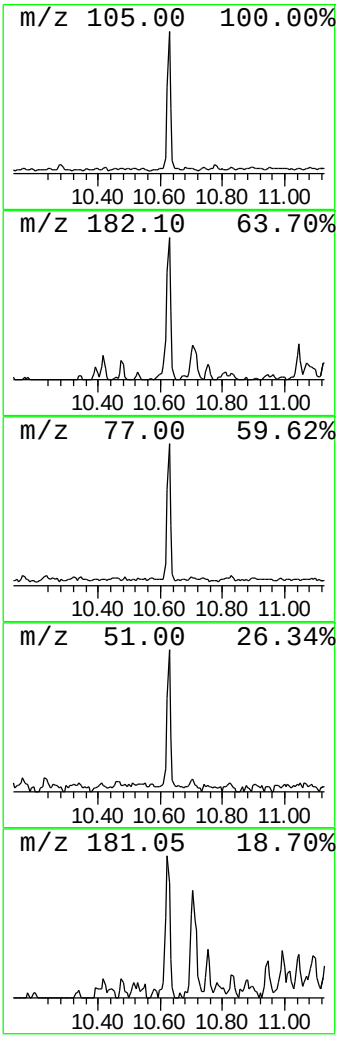
Peak Number 9 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	3.11 ng	148233	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	43
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	38
4	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	38
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	38





Library Search Compound Report

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Sample : I6419-02 2X
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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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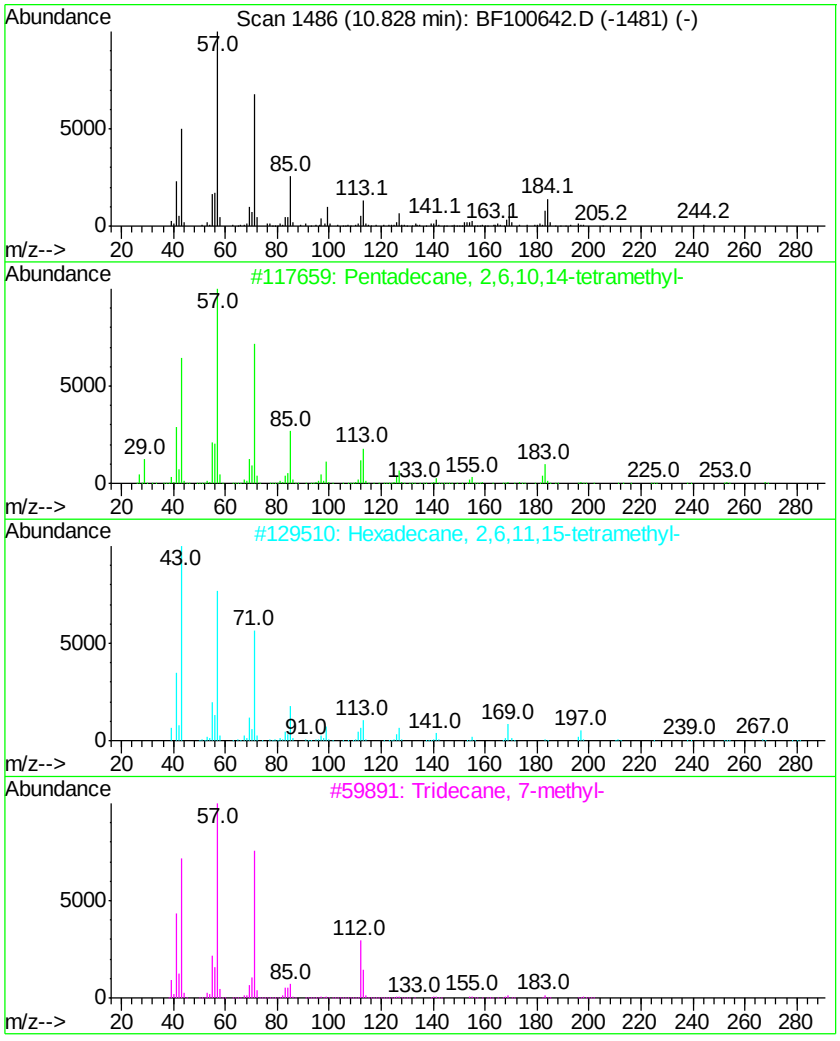
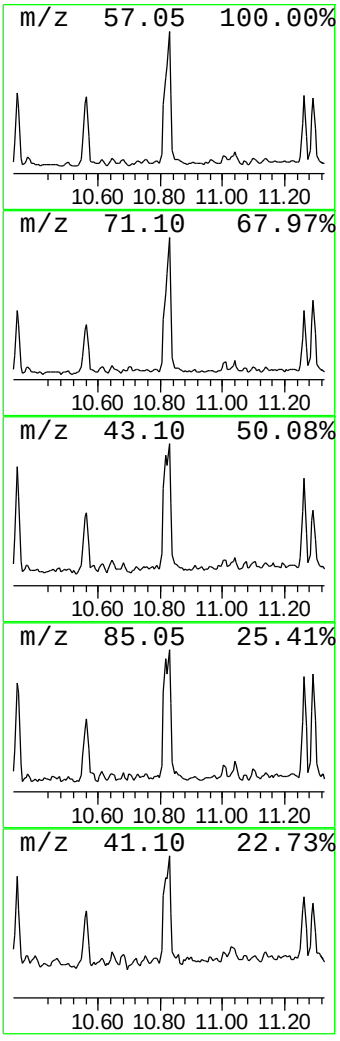
Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	10.16 ng	397090	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





Library Search Compound Report

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Misc :
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ClientSampleId : LEW-2-E(1-2)

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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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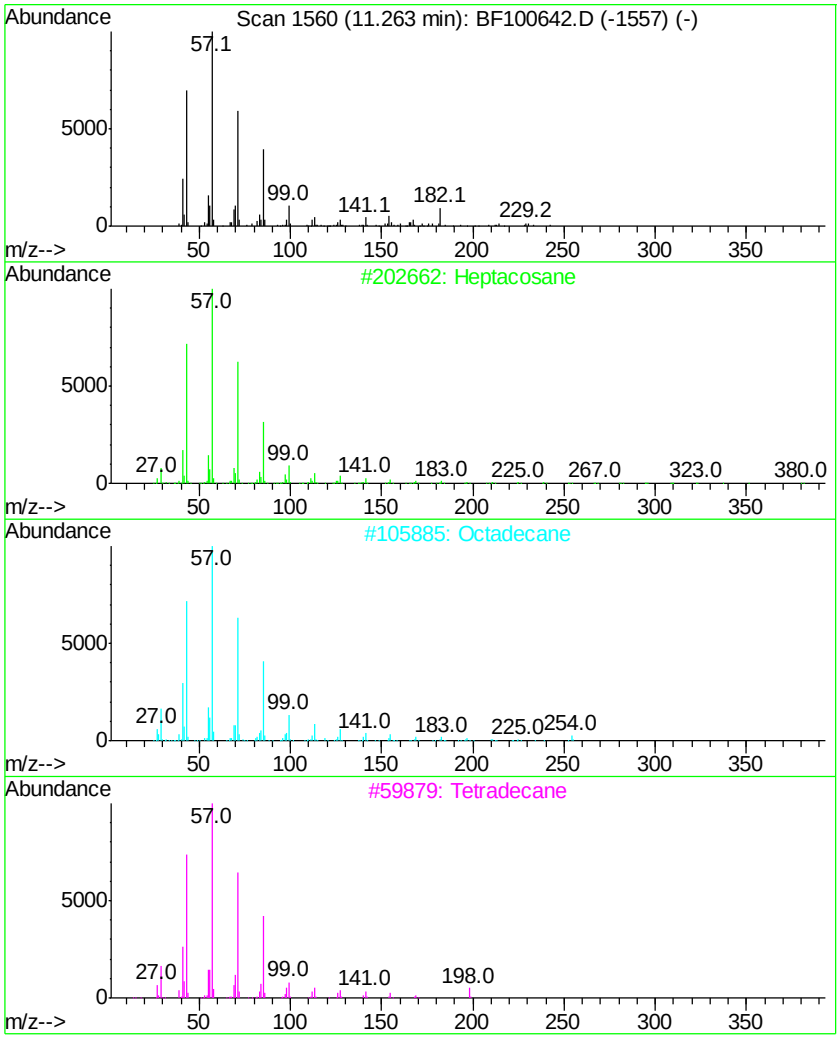
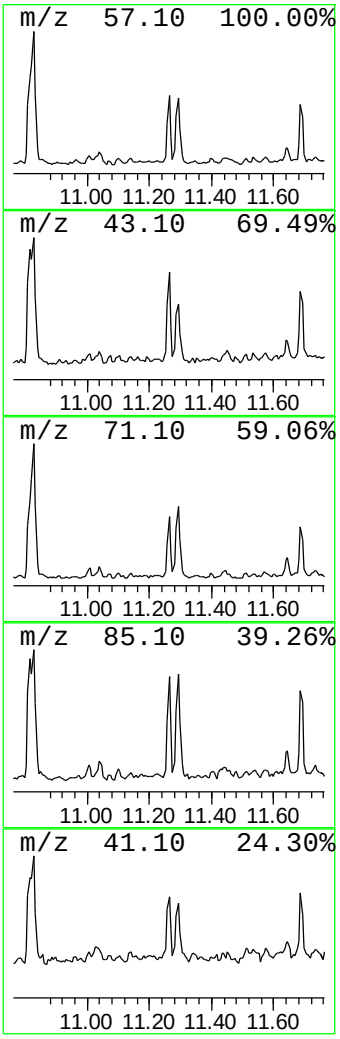
Peak Number 11 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.05 ng	119178	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Octadecane	254	C18H38	000593-45-3	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59





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ClientSampleId : LEW-2-E(1-2)

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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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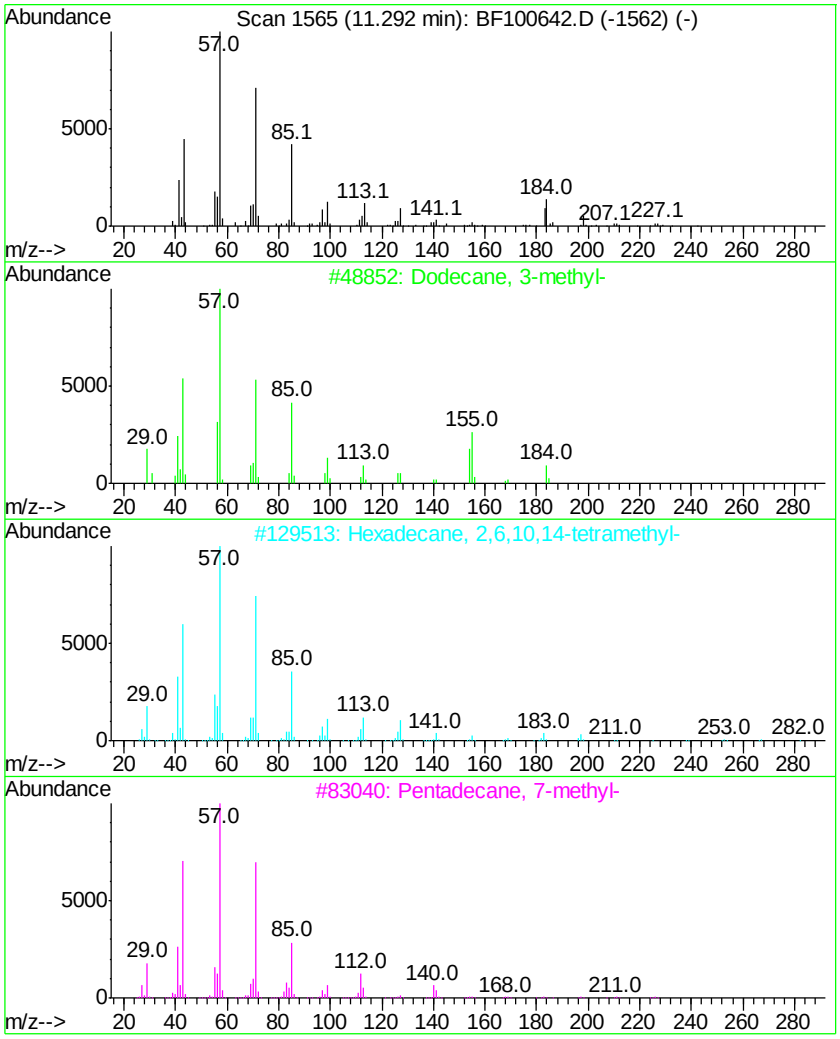
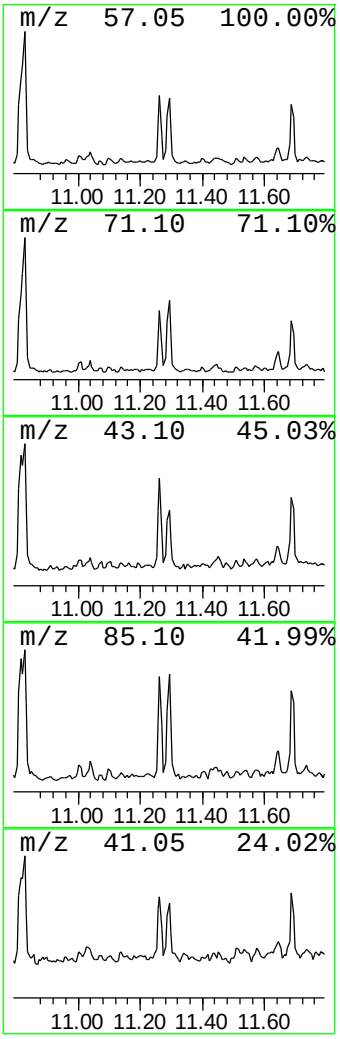
Peak Number 12 Dodecane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.92 ng	231426	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
4	Tetradecane	198	C14H30	000629-59-4	76
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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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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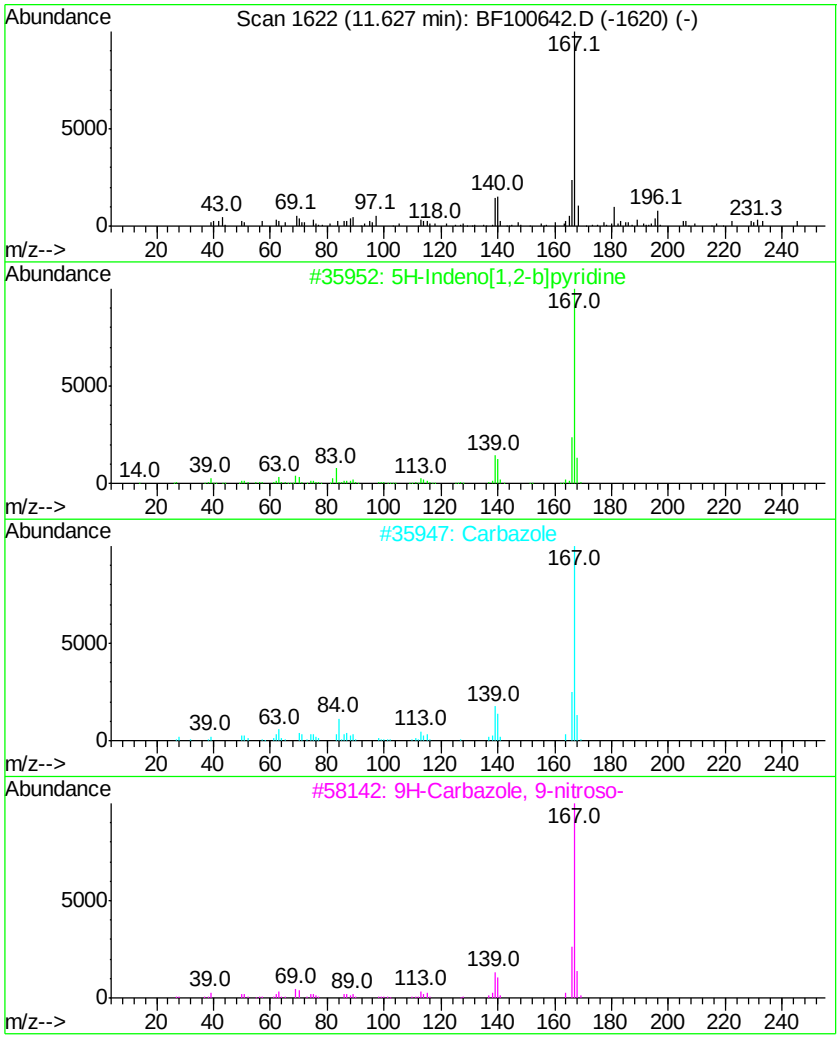
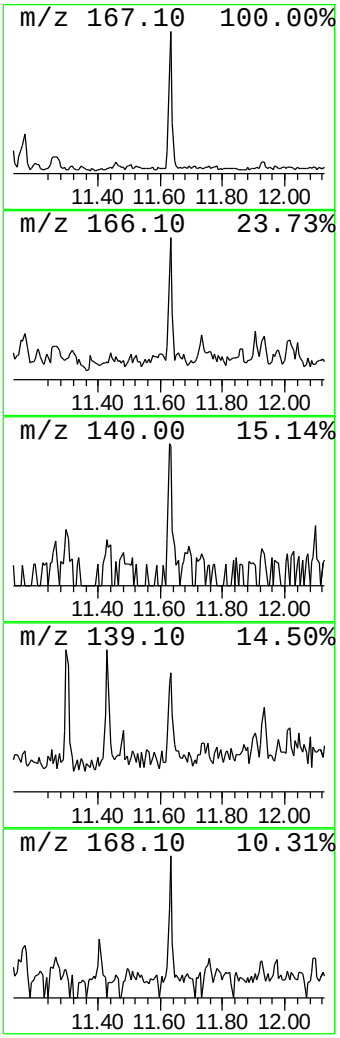
Peak Number 13 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.47 ng	96693	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	83
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	64
5	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-10-6	64





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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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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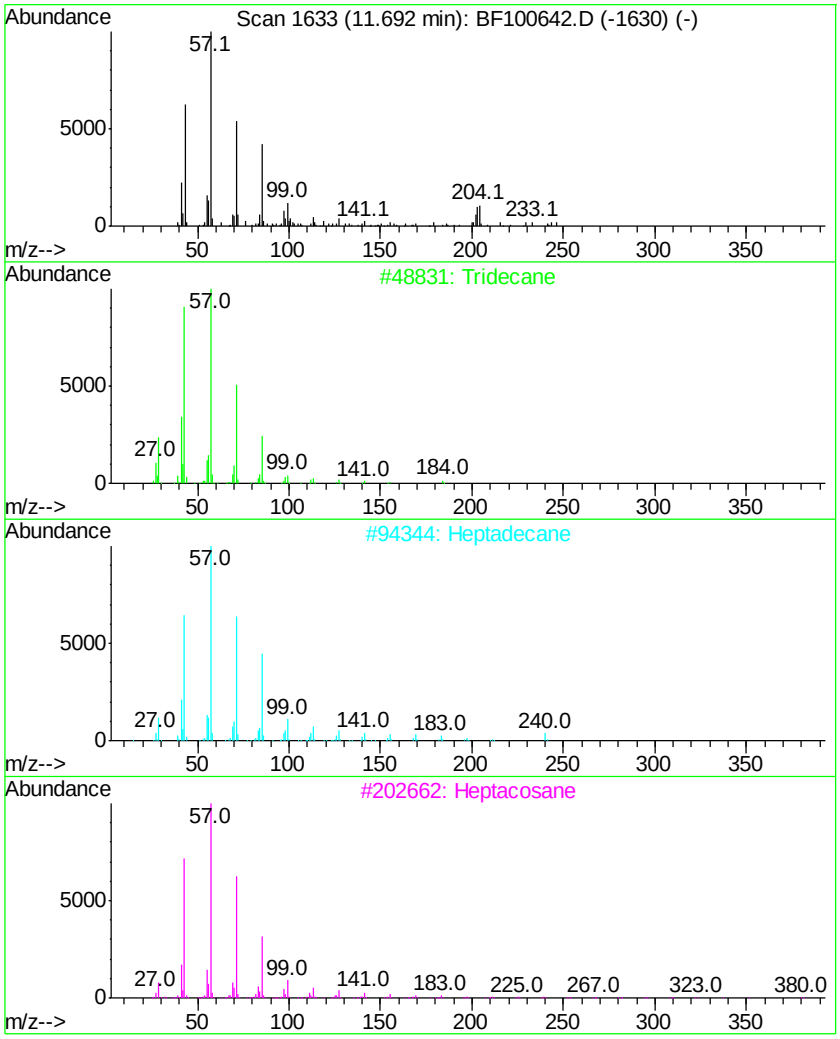
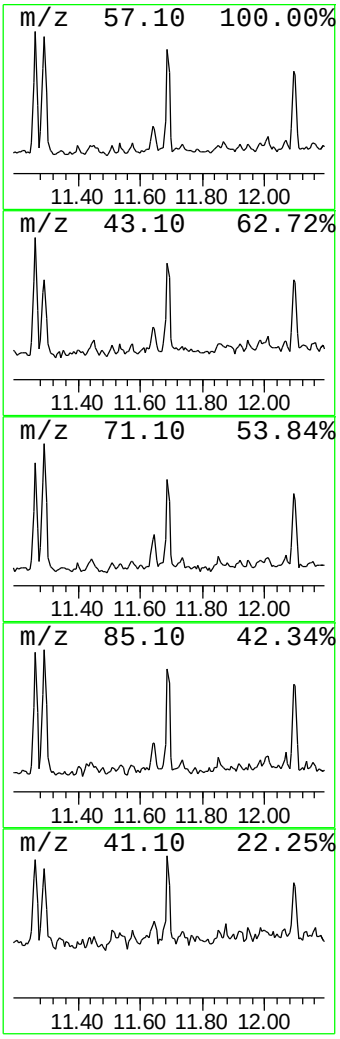
Peak Number 14 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.64 ng	103269	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heptacosane	380	C27H56	000593-49-7	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72





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ClientSampleId : LEW-2-E(1-2)

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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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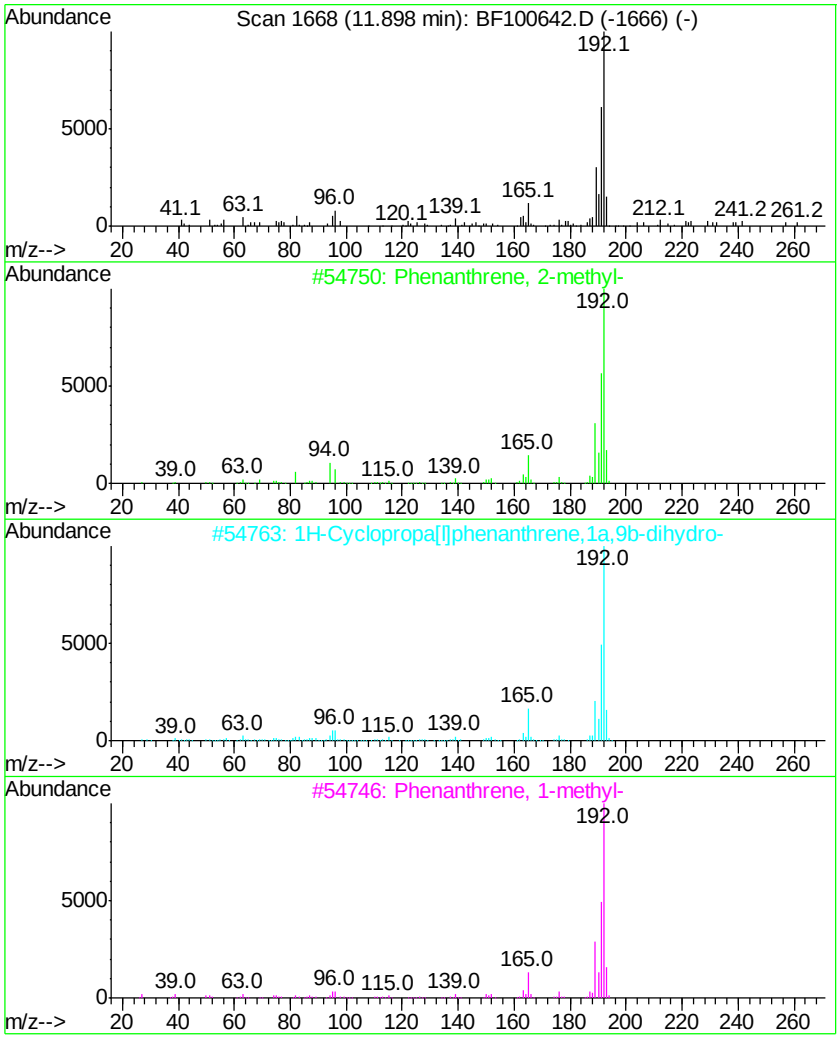
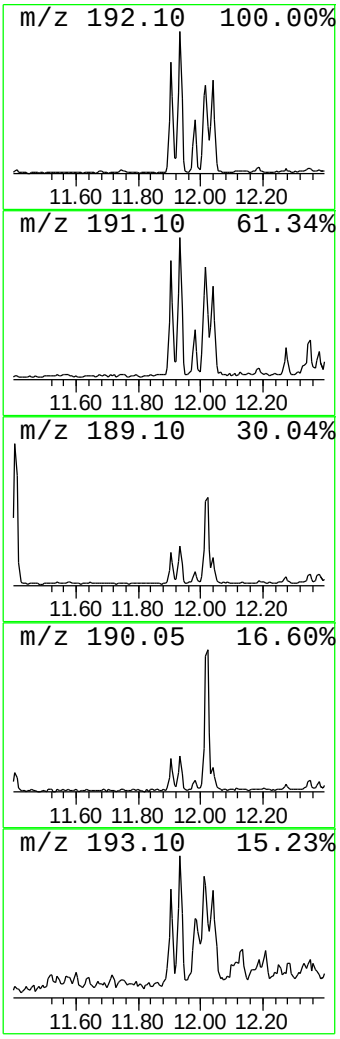
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.76 ng	107796	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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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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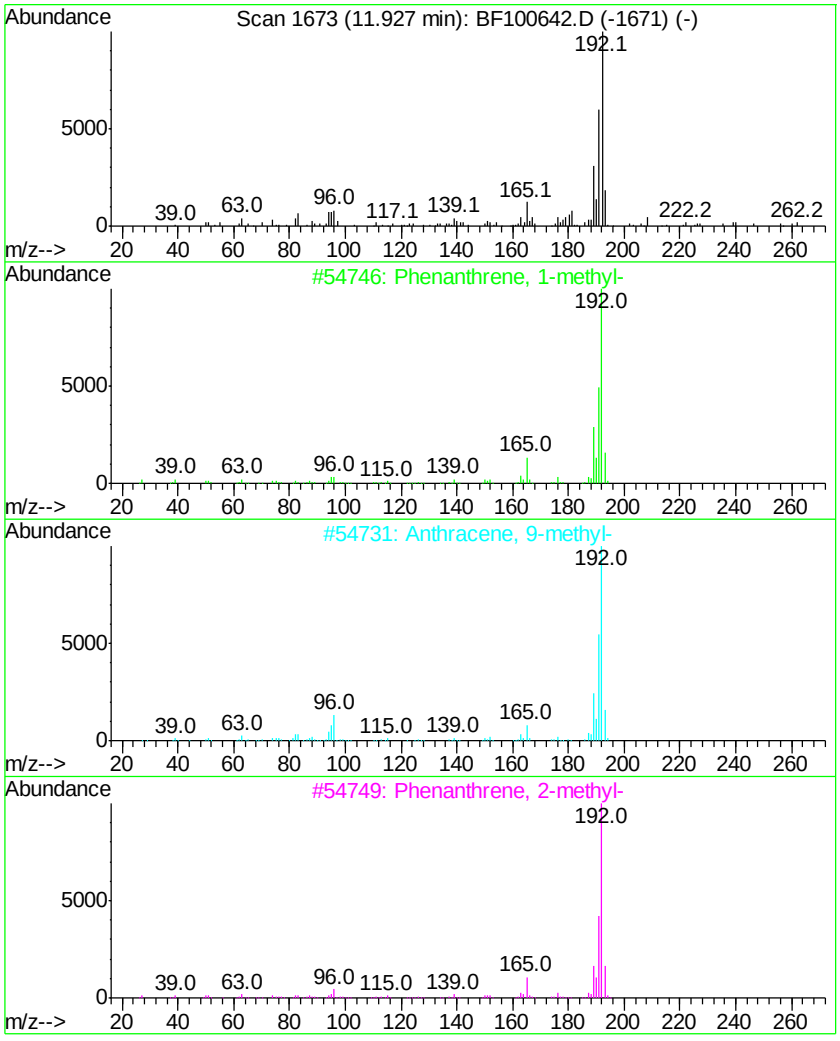
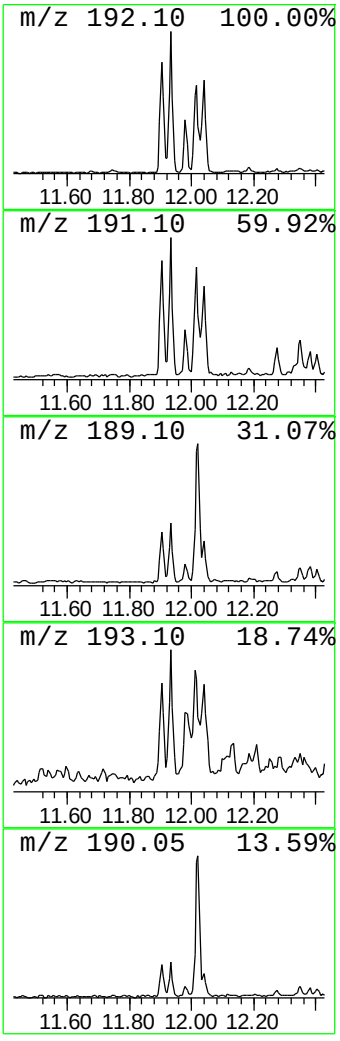
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.67 ng	143287	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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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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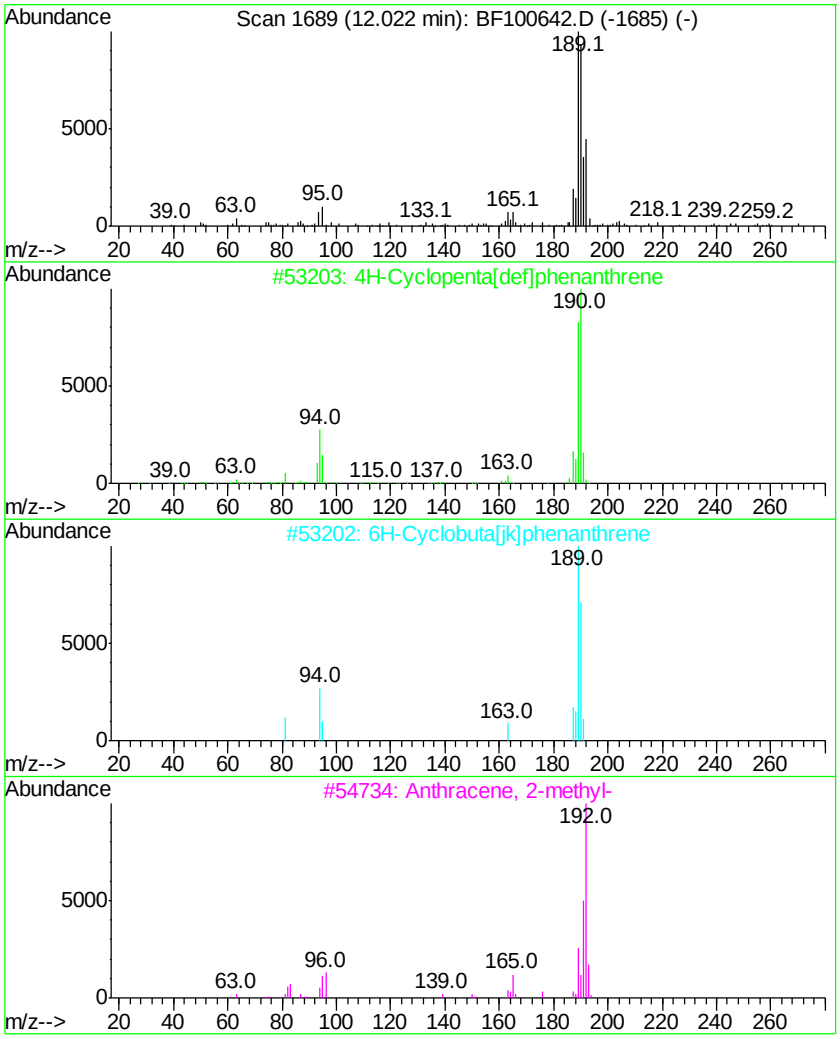
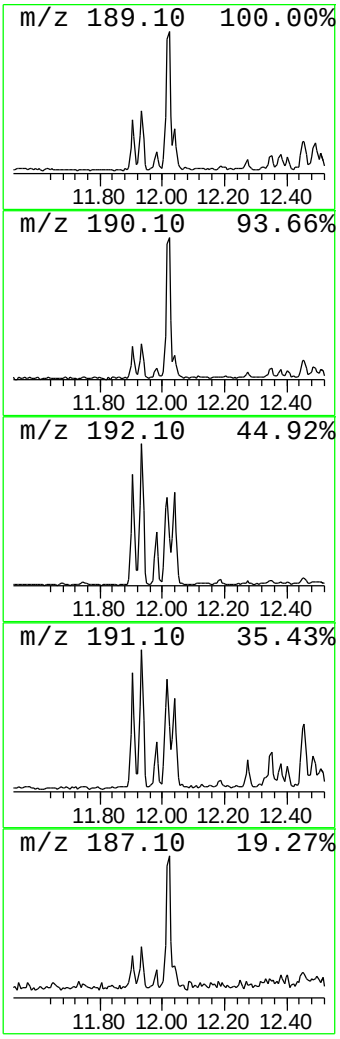
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.37 ng	209743	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





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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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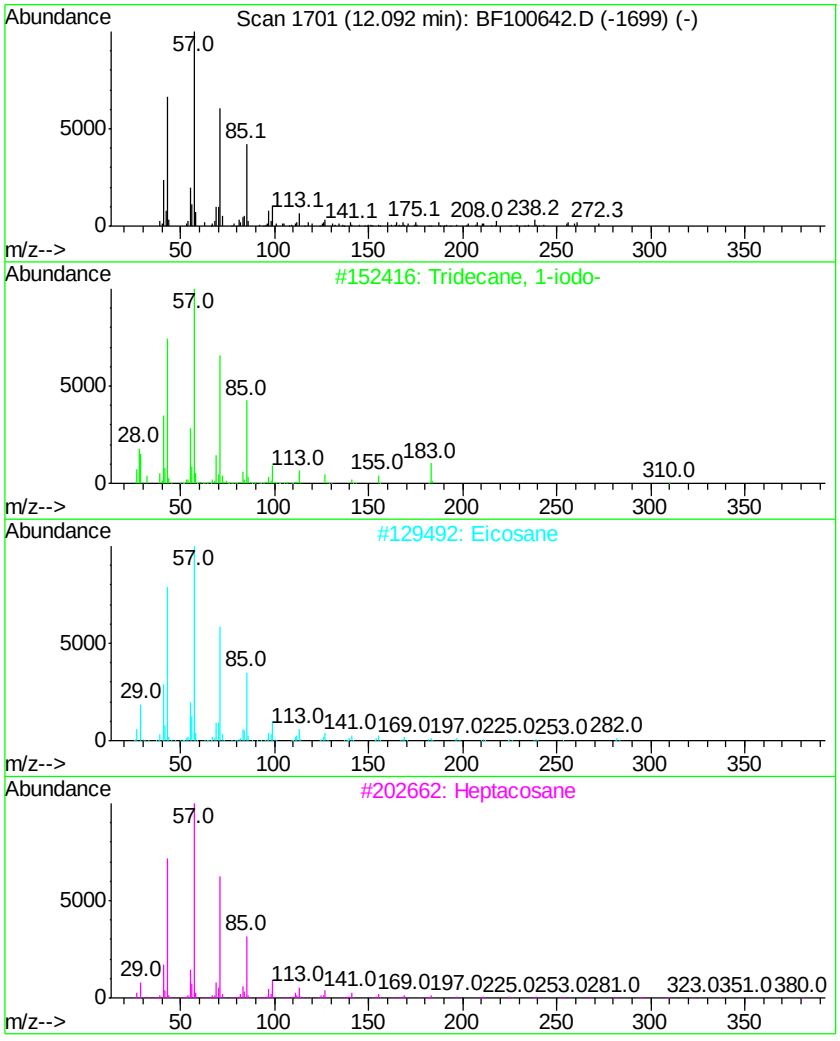
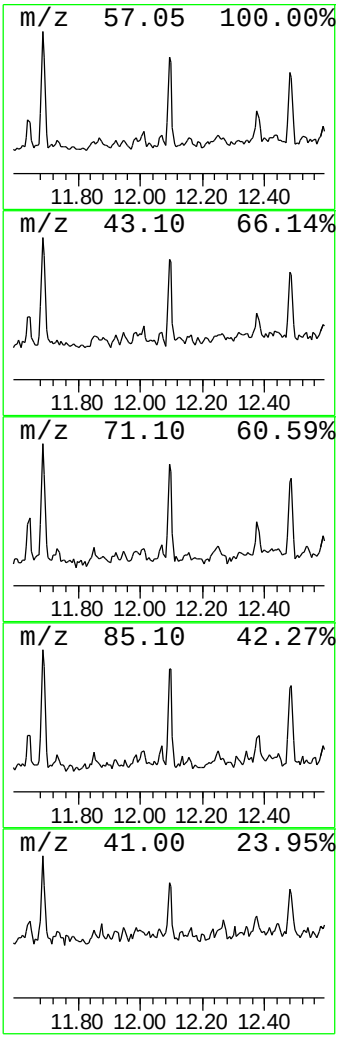
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.36 ng	92284	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Tetracosane	338	C24H50	000646-31-1	80





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

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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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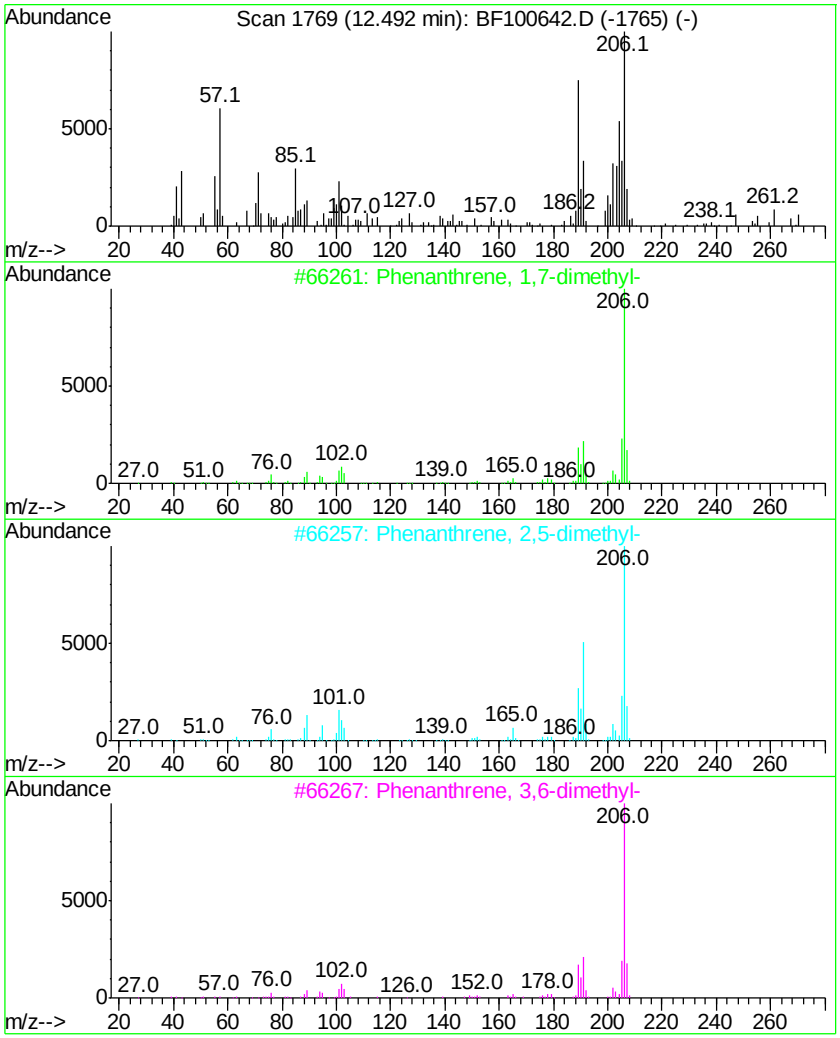
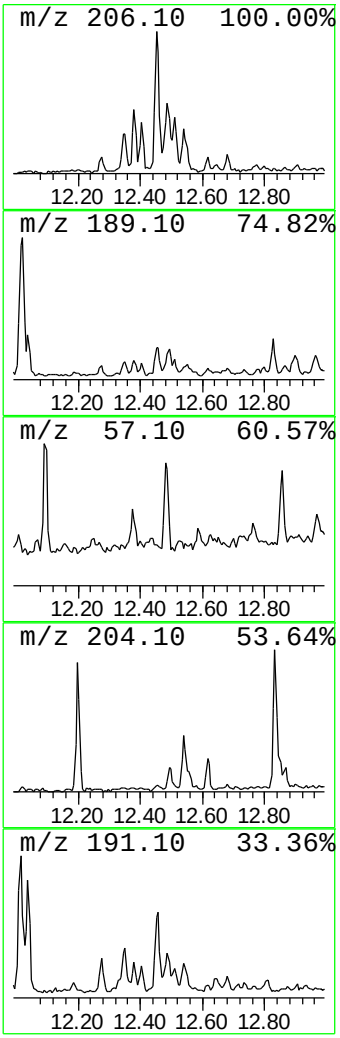
Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.94 ng	114784	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100642.D
Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

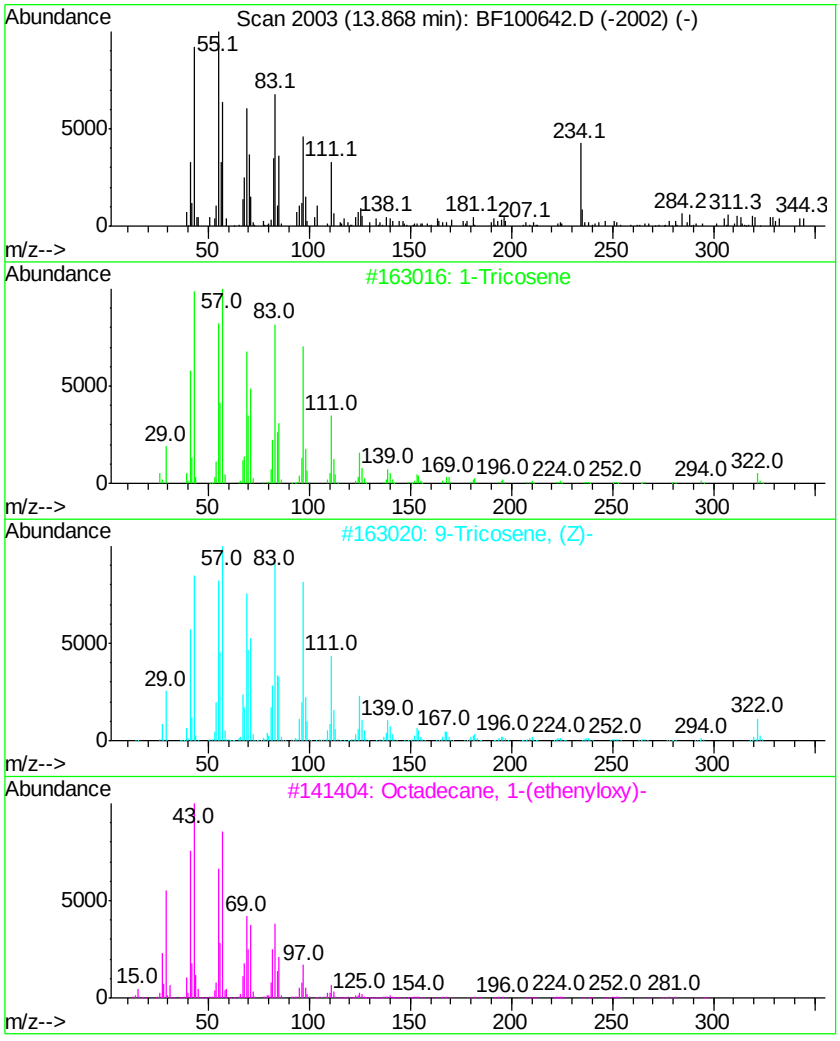
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

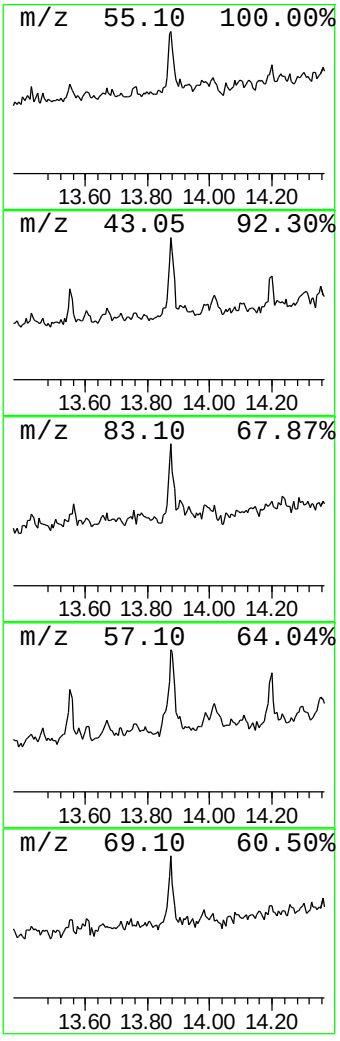
****

Peak Number 20 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.94 ng	186998	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	89
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	74
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	62
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	62
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
Data File : BF100642.D
Acq On : 16 Nov 2017 20:29
Operator : SJ/JU
Sample : I6419-02 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.10	7.0	ng	267345	1	6.88	764178	20.0
unknown6.65	6.65	31.0	ng	1185610	1	6.88	764178	20.0
Tetradecane	9.32	3.9	ng	185785	3	9.92	952540	20.0
Hexadecane	9.84	3.3	ng	156907	3	9.92	952540	20.0
Naphthalene, 1,6,...	10.12	3.2	ng	152861	3	9.92	952540	20.0
Dodecane, 2,6,11-...	10.56	3.9	ng	184524	3	9.92	952540	20.0
Benzophenone	10.63	3.1	ng	148233	3	9.92	952540	20.0
Pentadecane, 2,6,...	10.83	10.2	ng	397090	4	11.40	781424	20.0
Heptacosane	11.26	3.0	ng	119178	4	11.40	781424	20.0
Dodecane, 3-methyl-	11.29	5.9	ng	231426	4	11.40	781424	20.0
5H-Indeno[1,2-b]p...	11.63	2.5	ng	96693	4	11.40	781424	20.0
Tridecane	11.69	2.6	ng	103269	4	11.40	781424	20.0
Phenanthrene, 2-m...	11.90	2.8	ng	107796	4	11.40	781424	20.0
Phenanthrene, 1-m...	11.93	3.7	ng	143287	4	11.40	781424	20.0
4H-Cyclopenta[def...	12.02	5.4	ng	209743	4	11.40	781424	20.0
Tridecane, 1-iodo-	12.09	2.4	ng	92284	4	11.40	781424	20.0
Phenanthrene, 1,7...	12.49	2.9	ng	114784	4	11.40	781424	20.0
1-Tricosene	13.87	3.9	ng	186998	5	14.04	949174	20.0