LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089633.D
Acq On : 5 Aug 2016 16:36
Operator : UM/SJ
Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

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-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.821	106	108	116	rVB	11258	25341	2.09%	0.124%
2	4.650	265	268	282	rBV	147875	338212	27.84%	1.654%
3	5.336	326	328	349	rBV	536155	976372	80.36%	4.775%
4	6.982	470	472	479	rBV	509710	988294	81.34%	4.834%
5	7.096	479	482	493	rVB	798267	1187219	97.72%	5.806%
6	7.439	510	512	523	rBV	190782	276915	22.79%	1.354%
7	7.679	530	533	546	rBV	590042	858610	70.67%	4.199%
8	8.353	589	592	602	rBV	370802	655421	53.95%	3.206%
9	9.462	687	689	696	rBV	255524	408364	33.61%	1.997%
10	11.245	842	845	848	rBV	861627	1214963	100.00%	5.942%
11	11.771	888	891	893	rBV	17385	25871	2.13%	0.127%
12	11.942	903	906	912	rVV	232065	325148	26.76%	1.590%
13	12.297	934	937	939	rBV	287626	449743	37.02%	2.200%
14	12.342	939	941	945	rVB2	41699	58048	4.78%	0.284%
15	12.639	963	967	971	rBV2	12088	29659	2.44%	0.145%
16	13.154	1008	1012	1013	rBV	20155	34010	2.80%	0.166%
17	13.188	1013	1015	1020	rVB	36623	63547	5.23%	0.311%
18	13.577	1047	1049	1054	rBV2	472003	681611	56.10%	3.334%
19	13.920	1077	1079	1084	rBV2	32534	59744	4.92%	0.292%
20	14.080	1090	1093	1095	rBV	15609	29016	2.39%	0.142%
21	14.400	1119	1121	1126	rVV2	14851	29229	2.41%	0.143%
22	14.651	1140	1143	1144	rBV	23311	26860	2.21%	0.131%
23	14.685	1144	1146	1148	rVV	295312	443885	36.53%	2.171%
24	14.720	1148	1149	1154	rVV	465644	585566	48.20%	2.864%
25	14.811	1154	1157	1160	rVV	110282	190889	15.71%	0.934%
26	14.914	1163	1166	1167	rVV2	14003	26572	2.19%	0.130%
27	15.211	1189	1192	1195	rVB	17652	34605	2.85%	0.169%
28	15.325	1200	1202	1207	rBV2	14213	28010	2.31%	0.137%
29	15.485	1213	1216	1218	rBV	63744	84330	6.94%	0.412%
30	15.520	1218	1219	1222	rVV	69270	103924	8.55%	0.508%
31	15.600	1222	1226	1227	rVV	38671	75654	6.23%	0.370%
32	15.634	1227	1229	1231	rVV	112824	175263	14.43%	0.857%
33	15.703	1231	1235	1242	rVV2	116122	256803	21.14%	1.256%
34	15.931	1253	1255	1258	rVV	45496	76006	6.26%	0.372%

LSC Area Percent Report

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Acq On : 5 Aug 2016 16:36
Operator : UM/SJ
Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

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-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.977	1258	1259	1263	rVV	20803	26530	2.18%	0.130%
36	16.285	1284	1286	1288	rBV	42118	56954	4.69%	0.279%
37	16.331	1288	1290	1292	rVV	22719	38230	3.15%	0.187%
38	16.400	1295	1296	1301	rVB	31720	48636	4.00%	0.238%
39	16.491	1301	1304	1307	rBV	592311	695545	57.25%	3.402%
40	16.537	1307	1308	1311	rVB2	20722	30304	2.49%	0.148%
41	16.697	1319	1322	1327	rVV5	20372	55952	4.61%	0.274%
42	16.788	1327	1330	1336	rVV	542070	689613	56.76%	3.373%
43	16.880	1336	1338	1339	rVV2	19036	27056	2.23%	0.132%
44	16.914	1339	1341	1345	rVB	52415	61971	5.10%	0.303%
45	16.983	1345	1347	1349	rBV	34649	41105	3.38%	0.201%
46	17.051	1350	1353	1356	rVV	687186	840219	69.16%	4.109%
47	17.120	1356	1359	1362	rVV2	26881	54880	4.52%	0.268%
48	17.234	1365	1369	1370	rBV2	28063	57430	4.73%	0.281%
49	17.257	1370	1371	1375	rVB	61185	65797	5.42%	0.322%
50	17.348	1375	1379	1381	rBV	36945	48026	3.95%	0.235%
51	17.394	1381	1383	1387	rBV2	47826	93721	7.71%	0.458%
52	17.508	1390	1393	1395	rVB2	20024	25343	2.09%	0.124%
53	17.840	1414	1422	1426	rBV4	30550	74381	6.12%	0.364%
54	17.931	1429	1430	1435	rVV	35747	50505	4.16%	0.247%
55	18.069	1438	1442	1443	rVV	24184	56119	4.62%	0.274%
56	18.091	1443	1444	1445	rVV	31292	32444	2.67%	0.159%
57	18.114	1445	1446	1448	rVV	24195	32723	2.69%	0.160%
58	18.160	1448	1450	1452	rVV	19346	27787	2.29%	0.136%
59	18.206	1452	1454	1457	rVB	31103	42559	3.50%	0.208%
60	18.309	1459	1463	1466	rBV4	60666	114352	9.41%	0.559%
61	18.377	1466	1469	1471	rVV2	340944	602635	49.60%	2.947%
62	18.411	1471	1472	1476	rVV	171669	287748	23.68%	1.407%
63	18.503	1479	1480	1483	rVB	24753	34635	2.85%	0.169%
64	18.583	1484	1487	1489	rBV3	16955	29136	2.40%	0.142%
65	18.720	1496	1499	1501	rBV3	16330	30707	2.53%	0.150%
66	18.891	1508	1514	1516	rBV3	47454	128724	10.59%	0.630%
67	19.109	1530	1533	1540	rVB3	92808	155978	12.84%	0.763%
68	19.474	1563	1565	1569	rBV3	34094	85135	7.01%	0.416%
69	19.543	1569	1571	1573	rVB2	24537	31010	2.55%	0.152%
70	19.634	1576	1579	1586	rBV2	240680	702348	57.81%	3.435%
71	19.749	1588	1589	1594	rVB	35015	48401	3.98%	0.237%

LSC Area Percent Report

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Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.852	1594	1598	1603	rBV3	225718	550883	45.34%	2.694%
73	19.932	1603	1605	1608	rVV	136377	169469	13.95%	0.829%
74	19.989	1608	1610	1613	rVV	193973	252721	20.80%	1.236%
75	20.046	1613	1615	1623	rVB2	250676	366237	30.14%	1.791%
76	20.172	1624	1626	1627	rVV2	21812	27656	2.28%	0.135%
77	20.206	1627	1629	1632	rVV	237677	287574	23.67%	1.406%
78	20.332	1637	1640	1646	rVB2	275885	351639	28.94%	1.720%
79	20.514	1653	1656	1658	rBV	206270	299017	24.61%	1.462%
80	20.549	1658	1659	1662	rVB3	29809	45816	3.77%	0.224%
81	20.766	1675	1678	1683	rVB5	22402	60323	4.97%	0.295%
82	20.903	1688	1690	1692	rBV	15821	25226	2.08%	0.123%
83	20.949	1692	1694	1697	rVV2	55401	92770	7.64%	0.454%
84	21.120	1704	1709	1713	rBV4	102934	213068	17.54%	1.042%
85	21.189	1713	1715	1716	rVV2	17411	28496	2.35%	0.139%
86	21.235	1716	1719	1723	rVV2	107132	216630	17.83%	1.059%
87	21.349	1726	1729	1732	rVV2	67651	140472	11.56%	0.687%
88	21.417	1732	1735	1738	rVV3	43805	100146	8.24%	0.490%
89	21.486	1739	1741	1745	rVB2	18381	38593	3.18%	0.189%
90	21.566	1745	1748	1753	rBV	70516	143378	11.80%	0.701%
91	21.657	1753	1756	1761	rVB3	68875	156302	12.86%	0.764%
92	21.783	1761	1767	1772	rVB3	43650	127529	10.50%	0.624%
93	21.955	1778	1782	1787	rVB6	15079	49660	4.09%	0.243%
94	22.046	1788	1790	1794	rVB3	12477	29738	2.45%	0.145%
95	22.172	1798	1801	1804	rBV2	29388	68839	5.67%	0.337%
96	22.423	1819	1823	1825	rBV	19404	48259	3.97%	0.236%
97	22.480	1825	1828	1835	rVB6	18540	58921	4.85%	0.288%
98	22.675	1841	1845	1852	rVB4	15146	48467	3.99%	0.237%
99	23.303	1895	1900	1910	rVB2	18600	73193	6.02%	0.358%
100	23.463	1910	1914	1917	rBV	8391	27099	2.23%	0.133%

Sum of corrected areas: 20446464

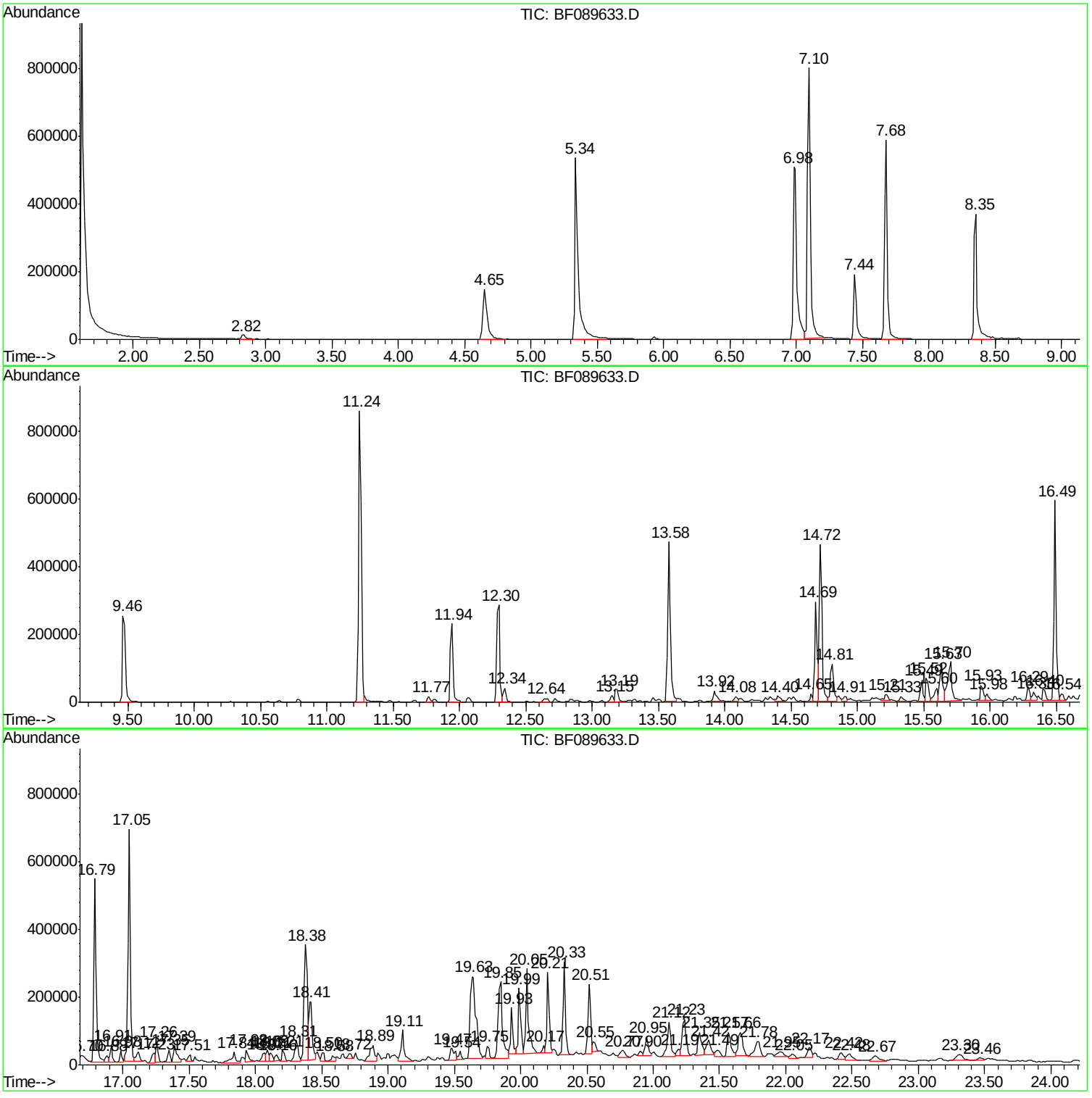
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089633.D
Acq On : 5 Aug 2016 16:36
Operator : UM/SJ
Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS9-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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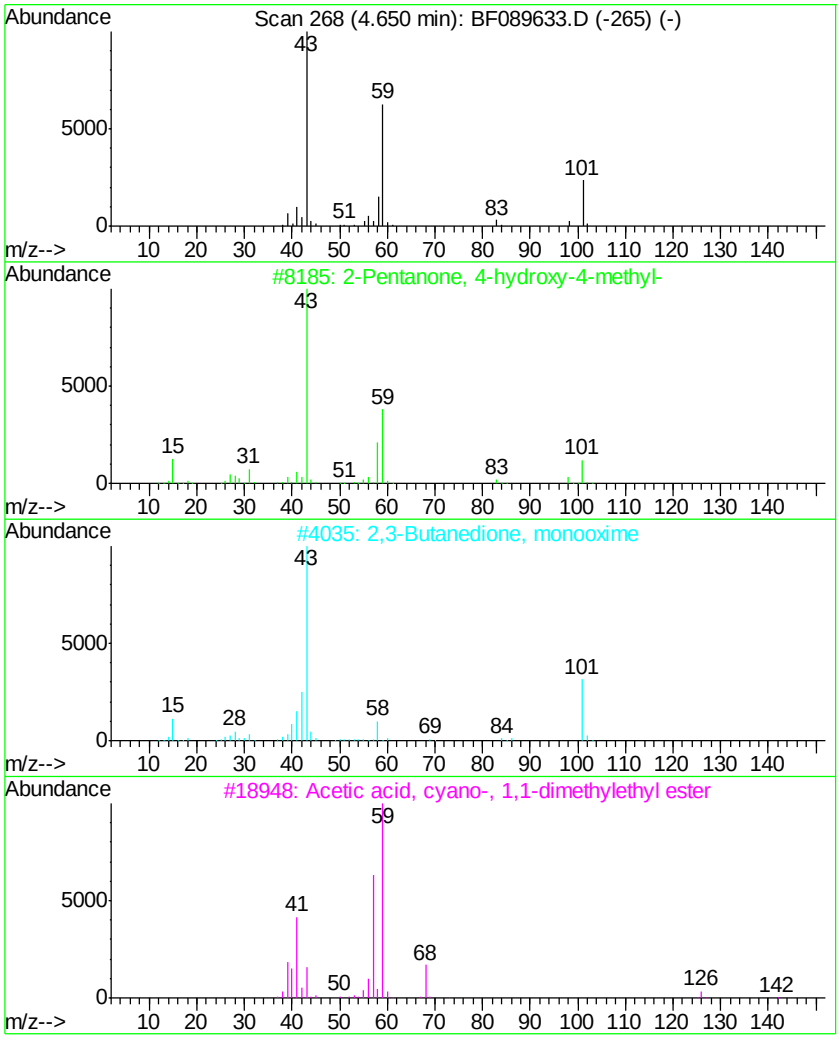
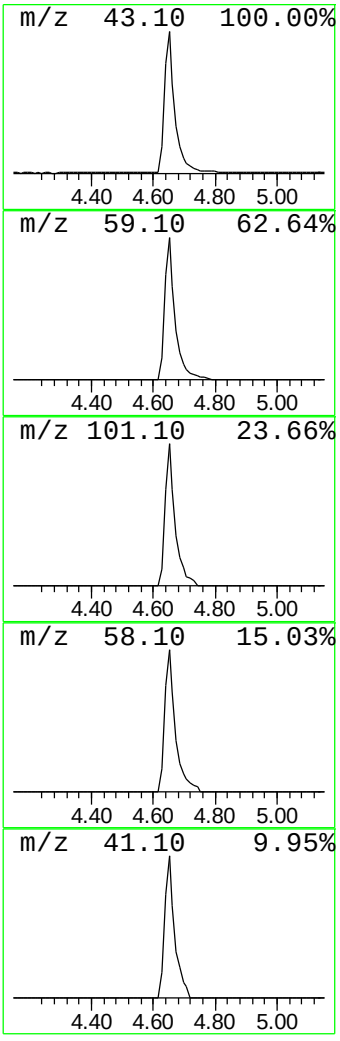
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	24.43 ng	338212	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H4292-06
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Instrument : BNA_F
ClientSampleId : SS9-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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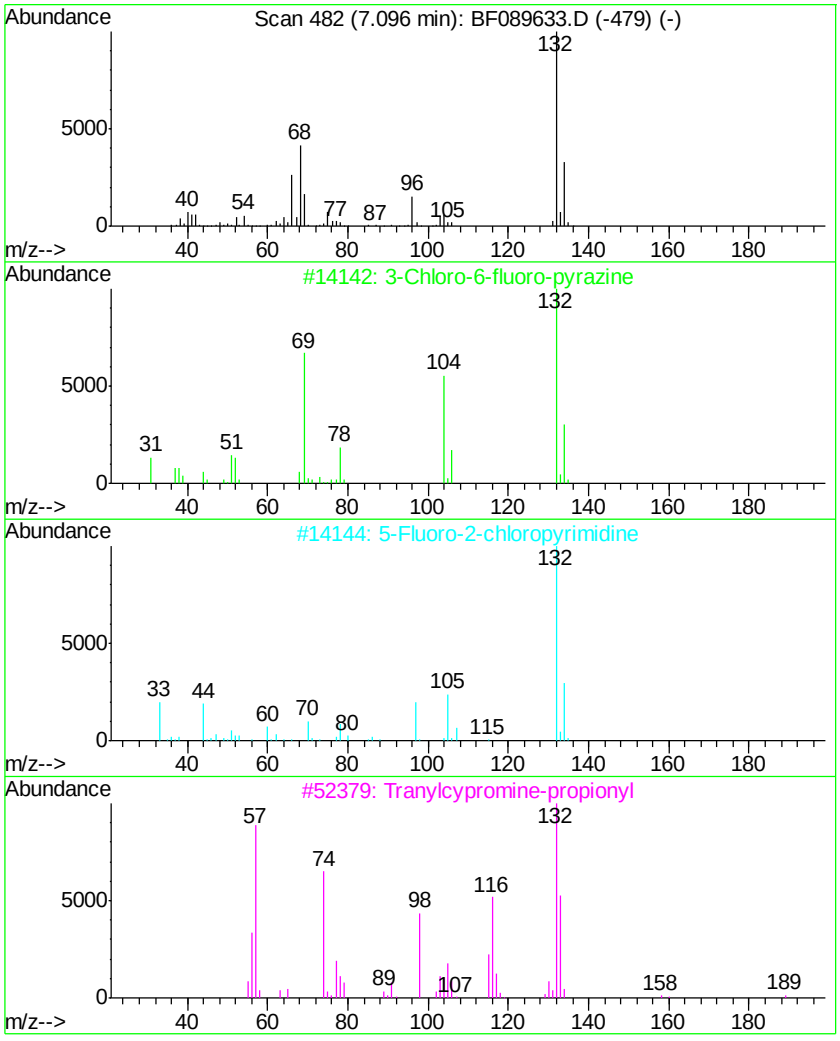
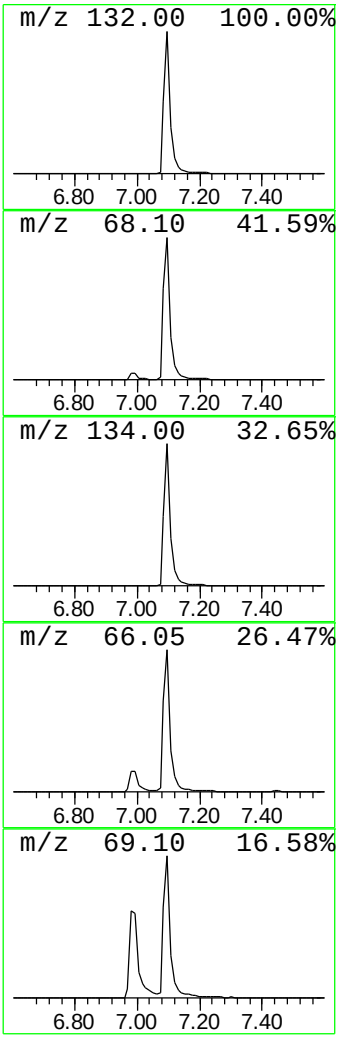
****

Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	85.75 ng	1187220	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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TIC Library : C:\Database\NIST11.L
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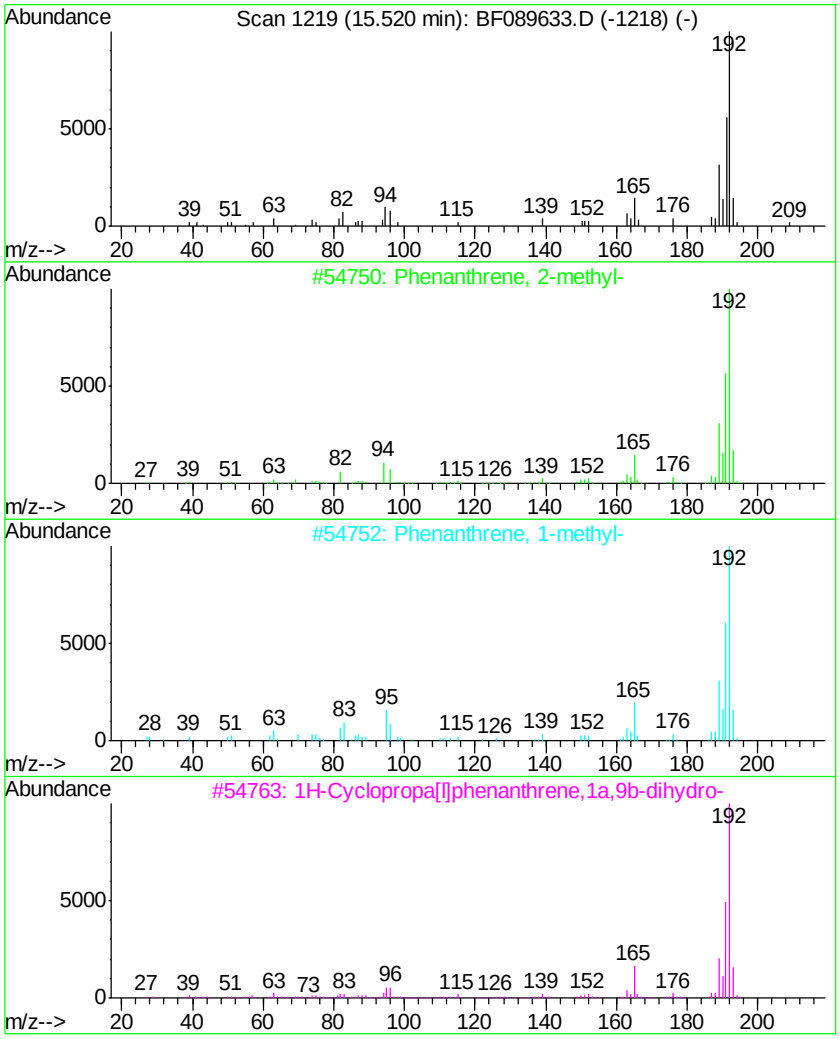
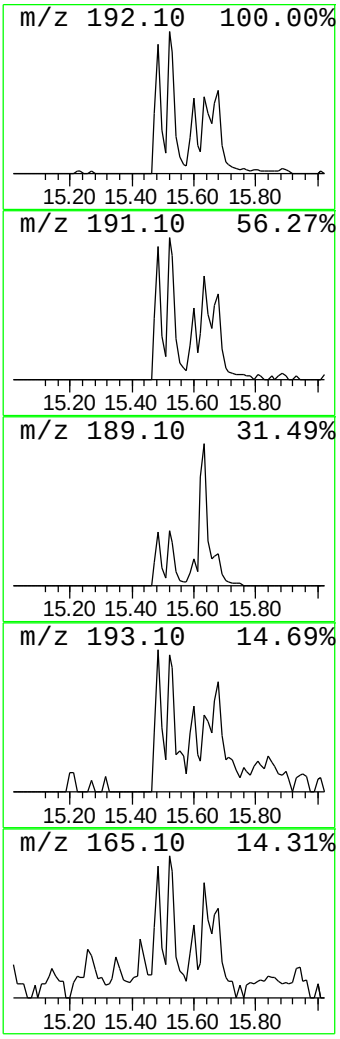
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.68 ng	103924	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Instrument : BNA_F
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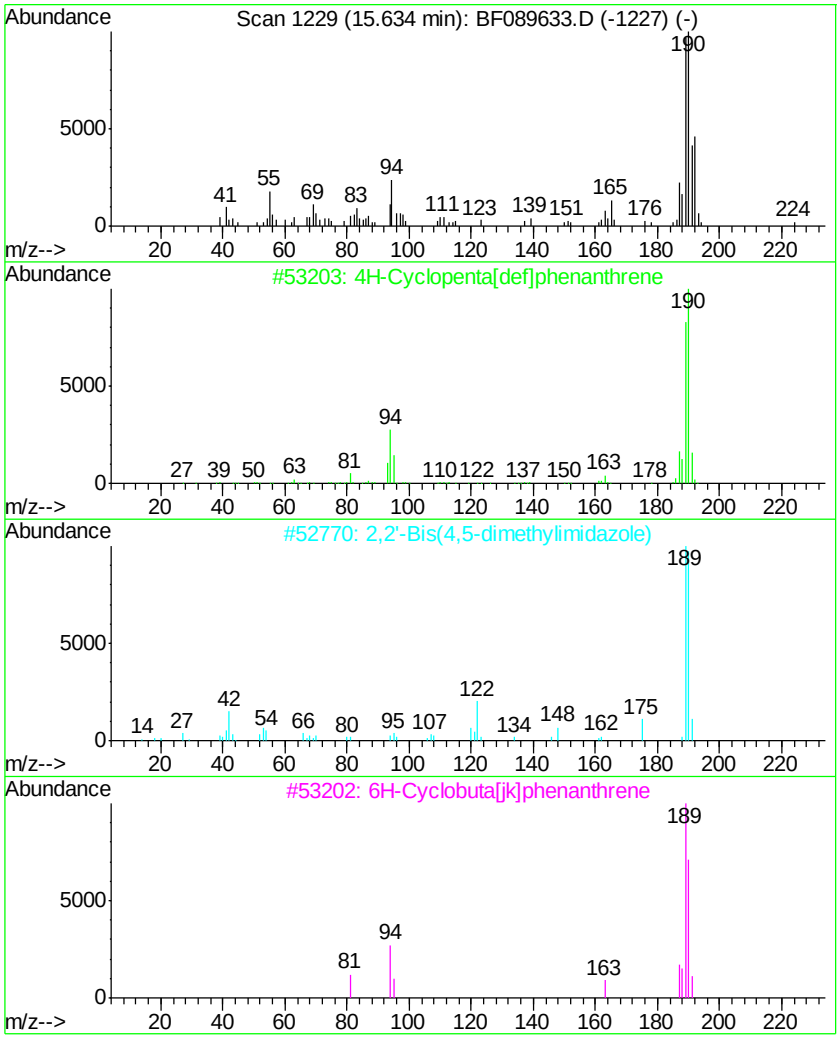
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

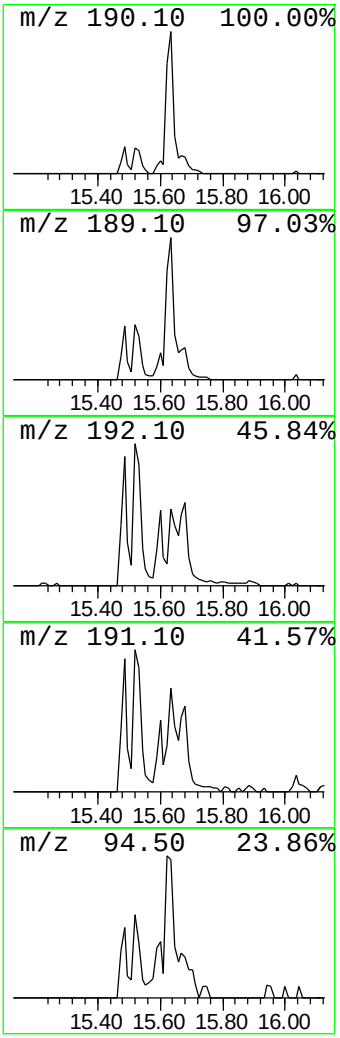
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	7.90 ng	175263	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	25
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089633.D
Acq On : 5 Aug 2016 16:36
Operator : UM/SJ
Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

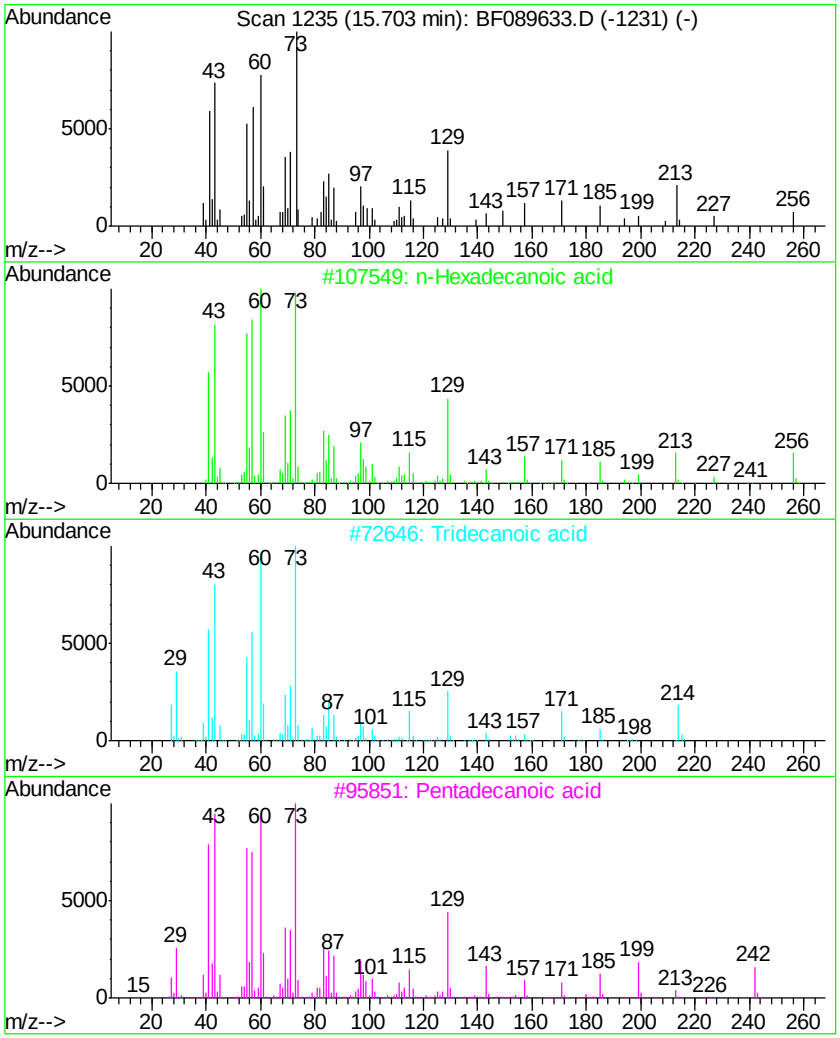
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

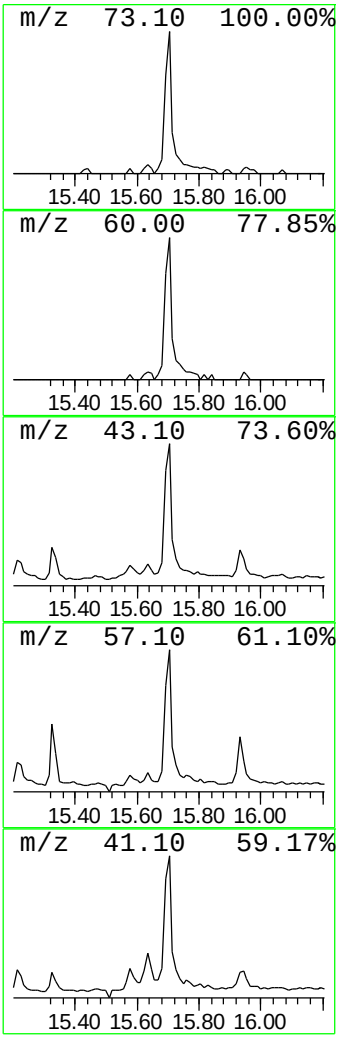
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	11.57 ng	256803	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18





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Operator : UM/SJ
Sample : H4292-06
Misc :
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Instrument : BNA_F
ClientSampleId : SS9-0-2IN

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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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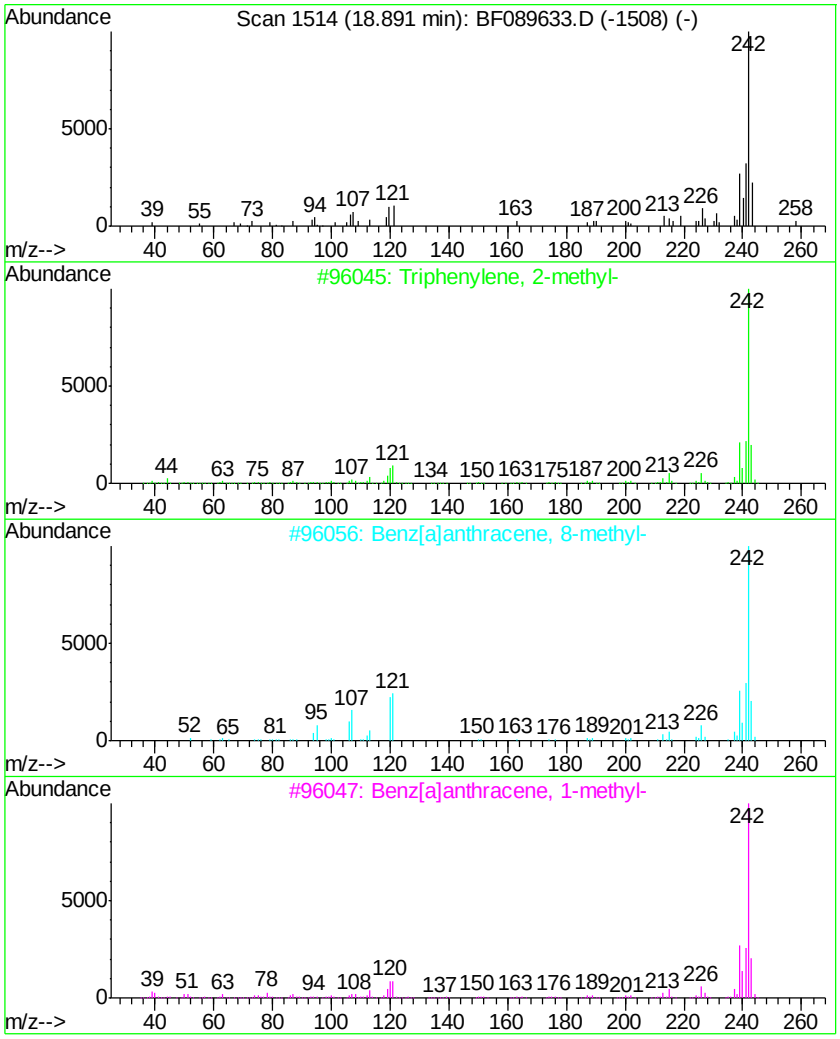
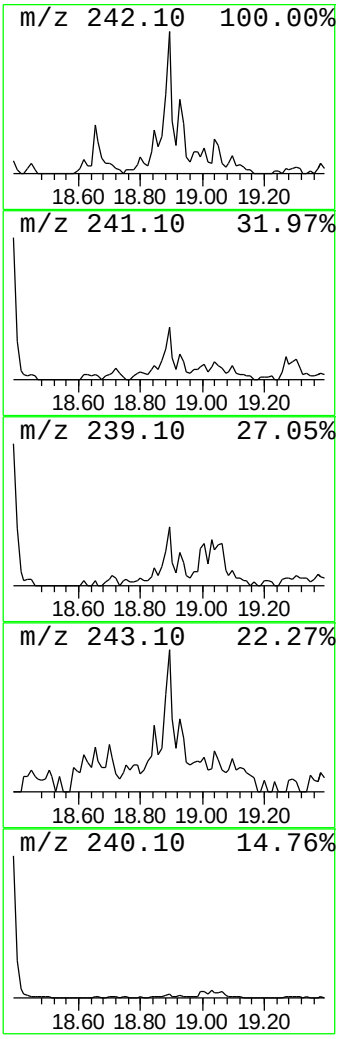
Peak Number 7 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	4.27 ng	128724	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
4	2-Methylchrysene	242	C19H14	003351-32-4	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	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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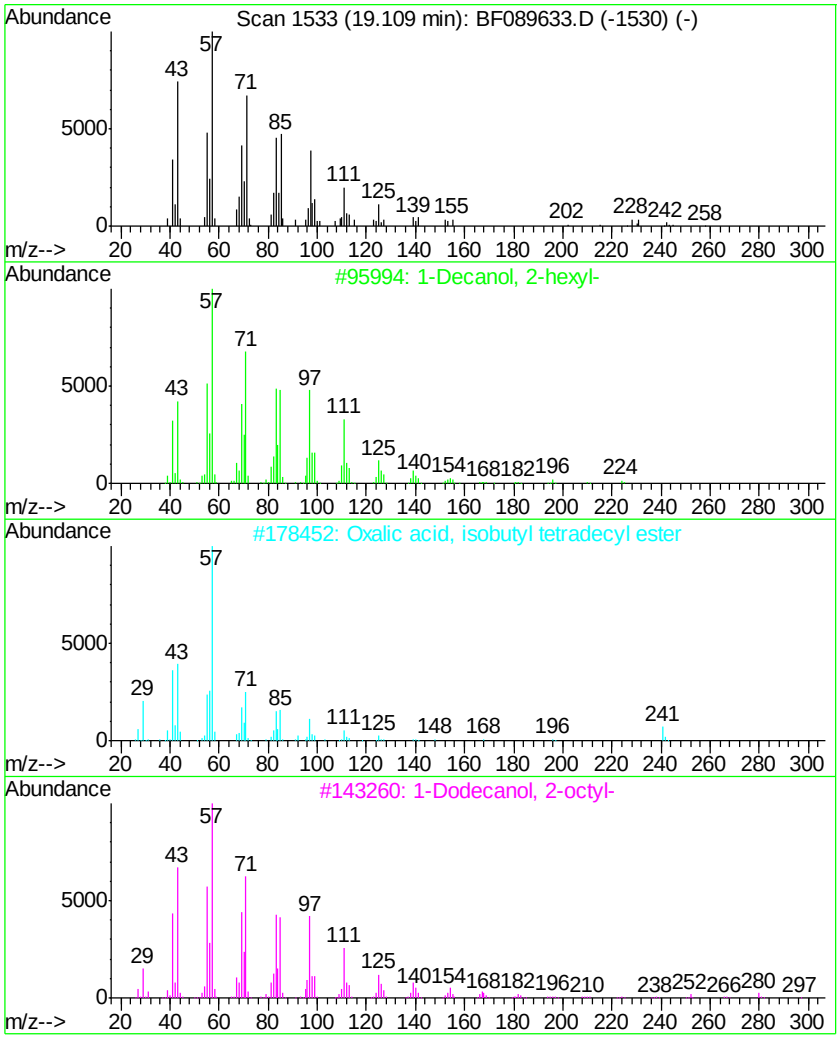
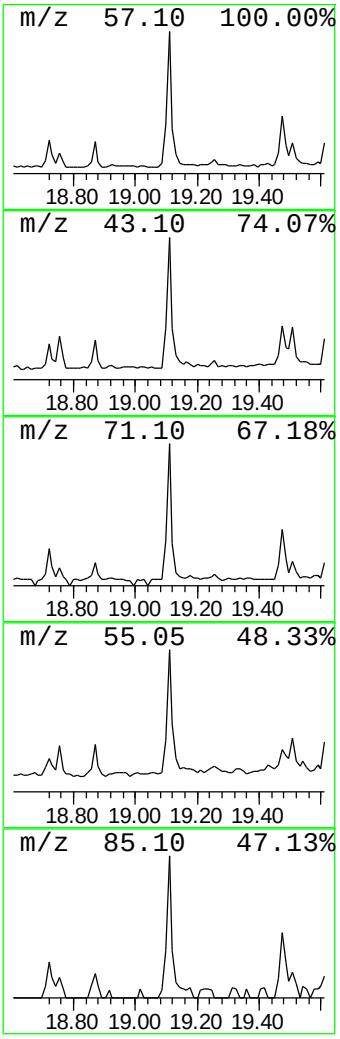
Peak Number 8 1-Decanol, 2-hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	5.18 ng	155978	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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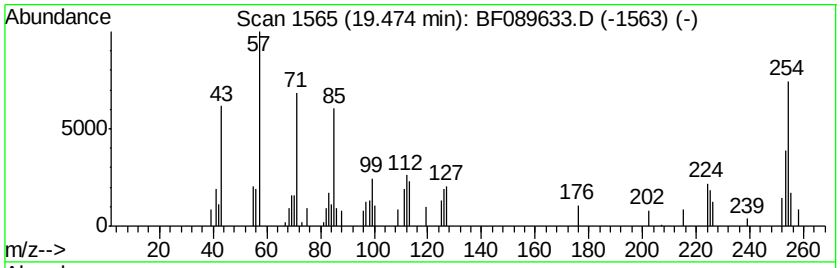
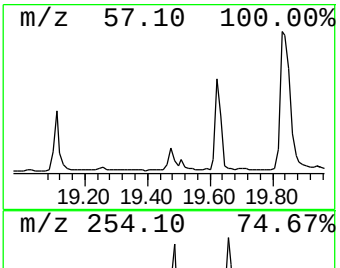
Peak Number 9 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	4.65 ng	85135	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	46
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	46
4	6,6'-Biazulene,	254	C20H14	073393-11-0	46
5	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	38





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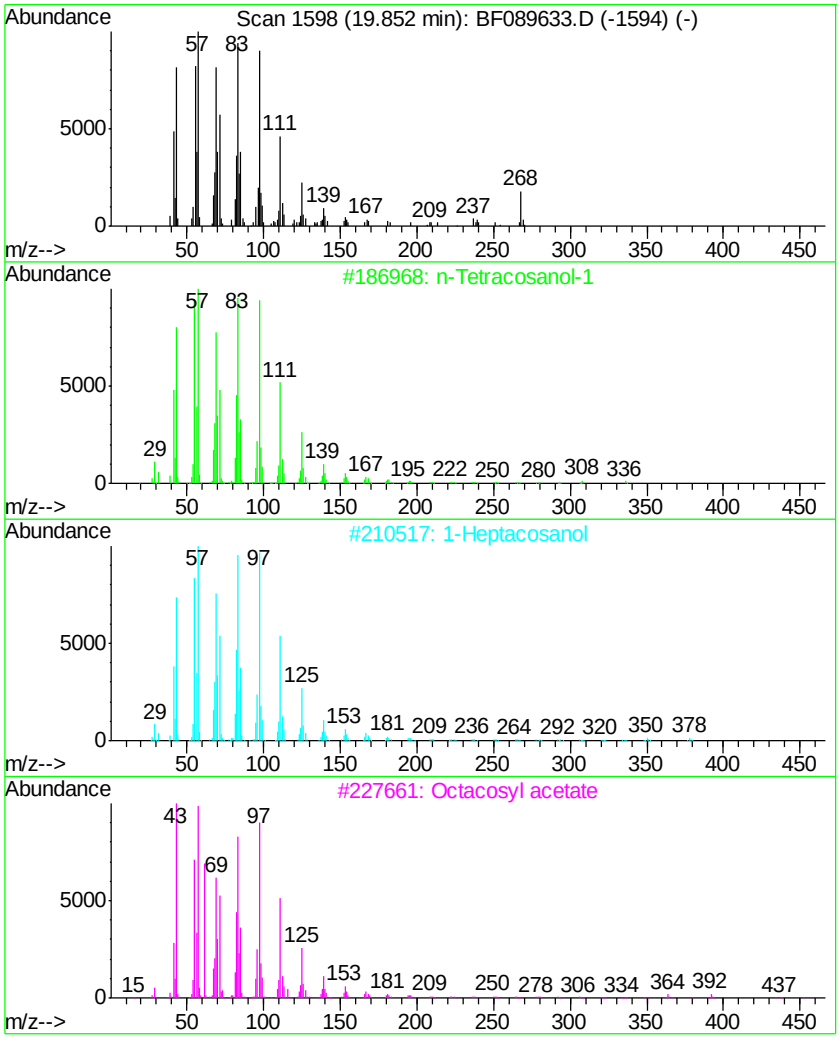
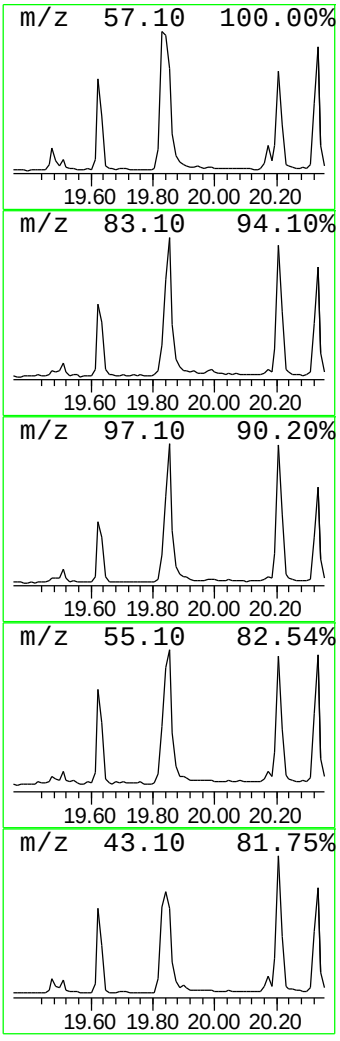
Peak Number 10 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	30.08 ng	550883	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Octacosyl acetate	452	C30H60O2	018206-97-8	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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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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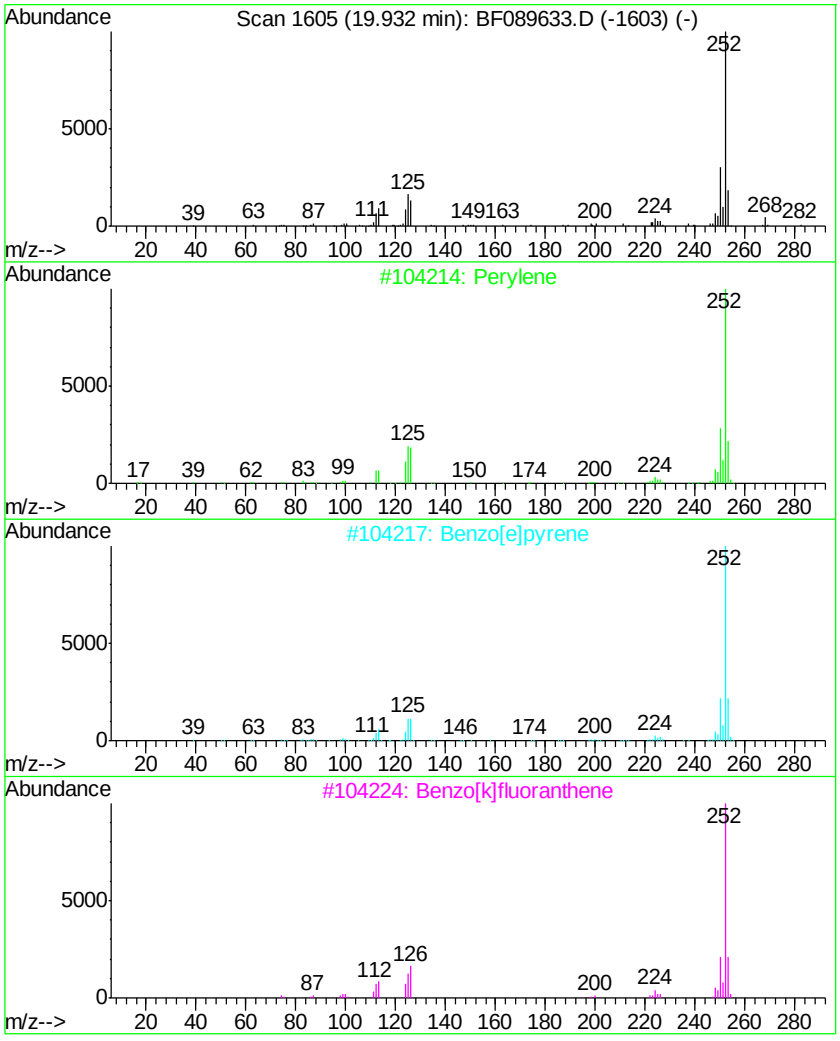
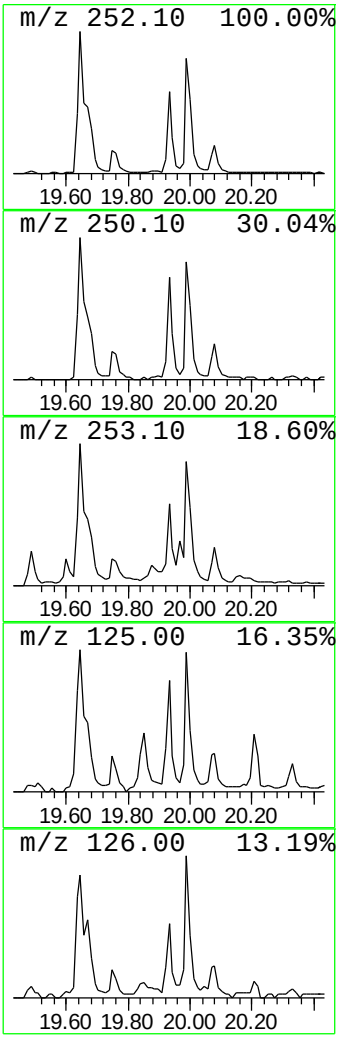
Peak Number 11 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	9.25 ng	169469	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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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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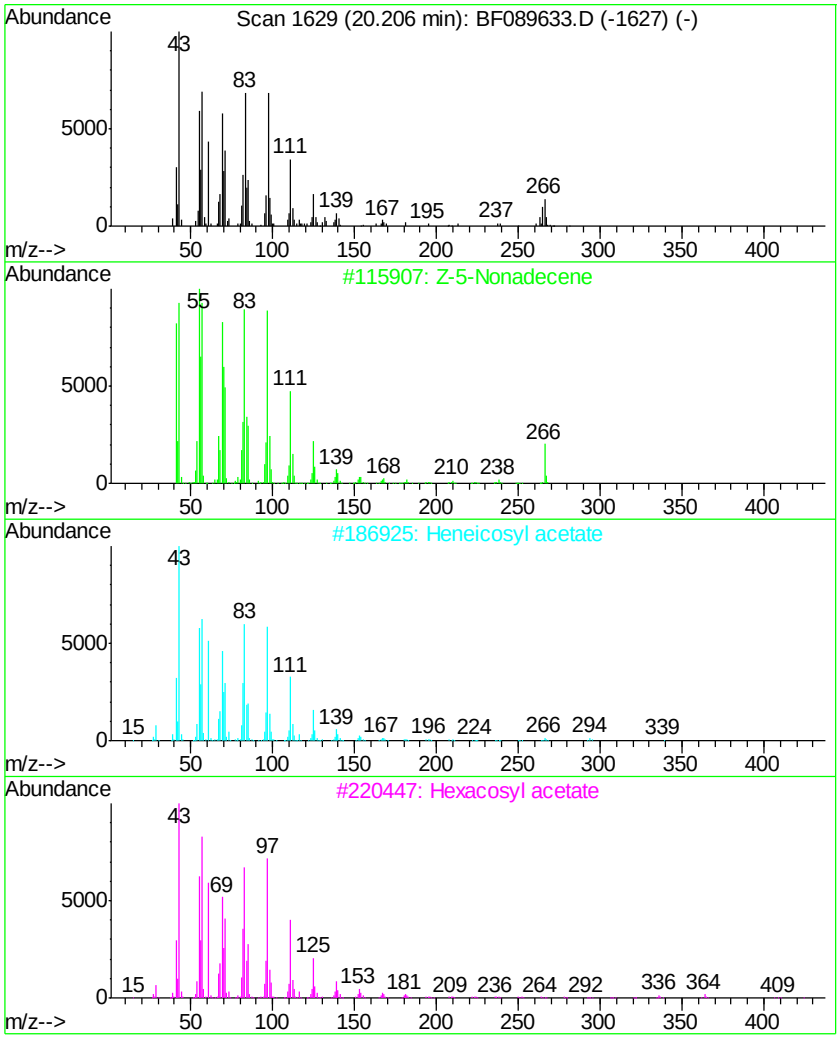
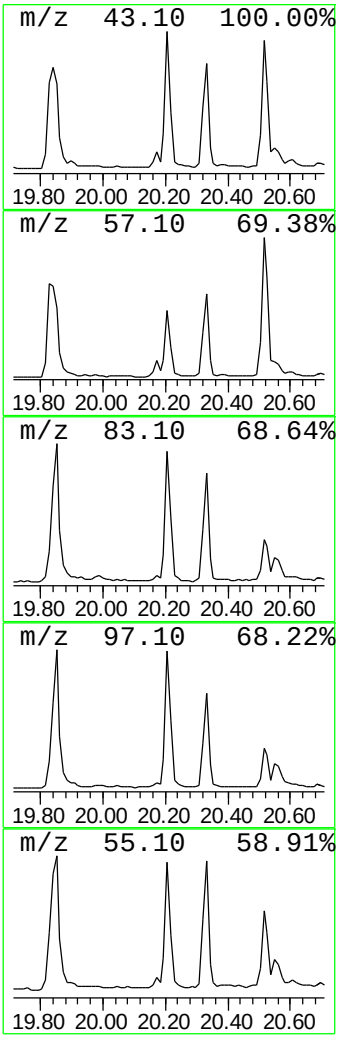
Peak Number 12 Z-5-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	15.70 ng	287574	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	96
2	Heneicosyl acetate	354	C23H46O2	1000351-77-3	93
3	Hexacosyl acetate	424	C28H56O2	000822-32-2	93
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
5	1-Docosanol, acetate	368	C24H48O2	000822-26-4	93





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TIC Library : C:\Database\NIST11.L
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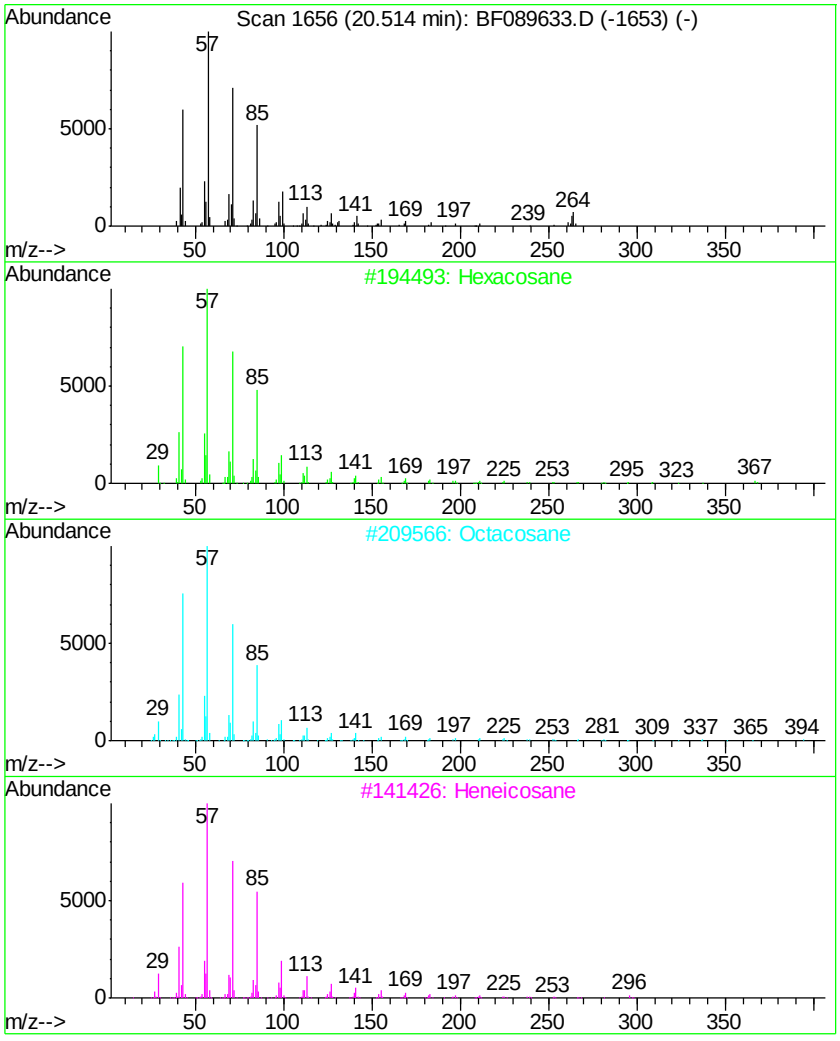
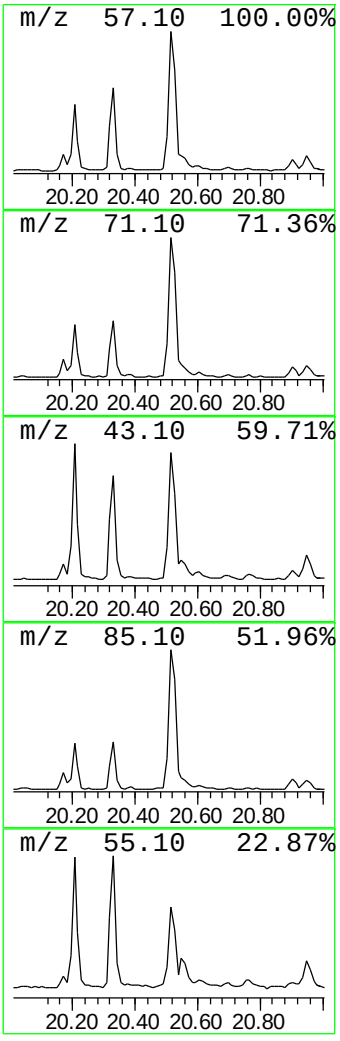
Peak Number 14 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	16.33 ng	299017	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tetracosane	338	C24H50	000646-31-1	87





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TIC Library : C:\Database\NIST11.L
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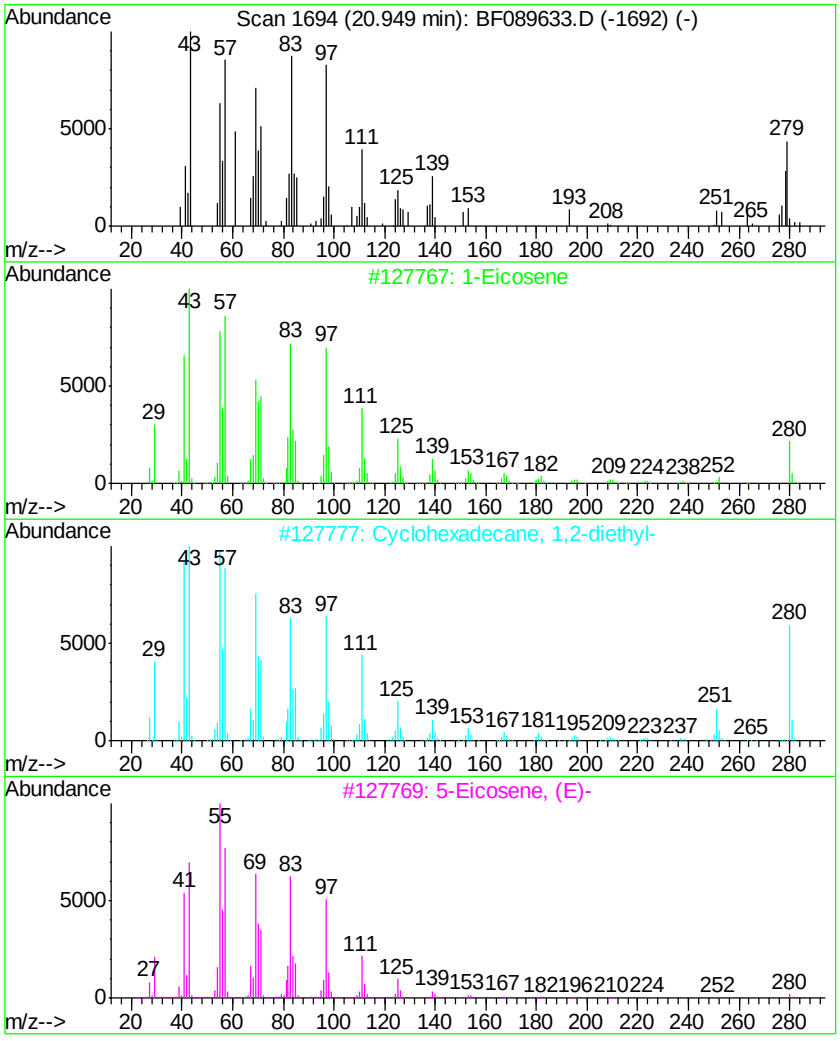
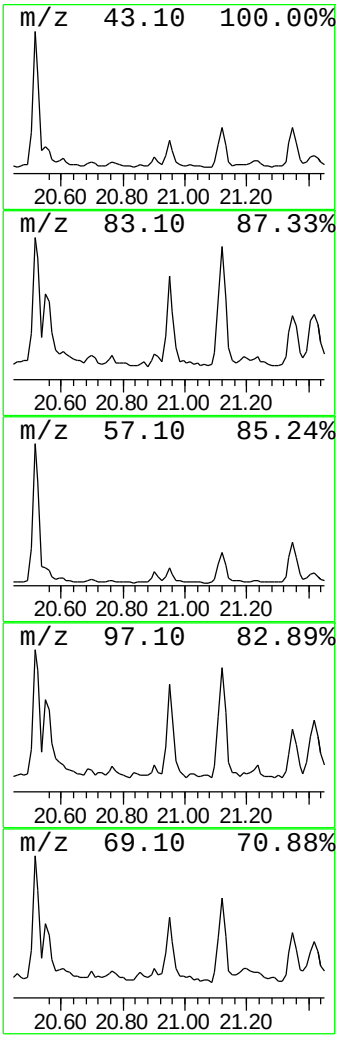
Peak Number 15 1-Eicosene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.07 ng	92770	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	96
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	64





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ClientSampleId : SS9-0-2IN

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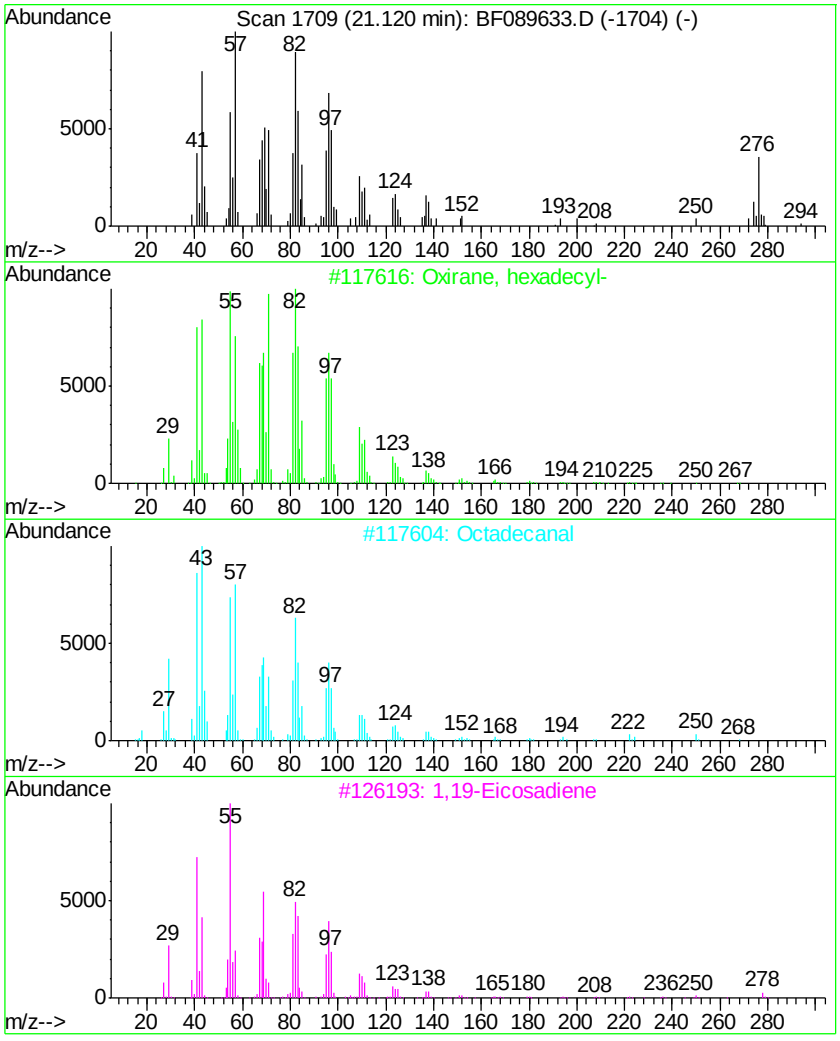
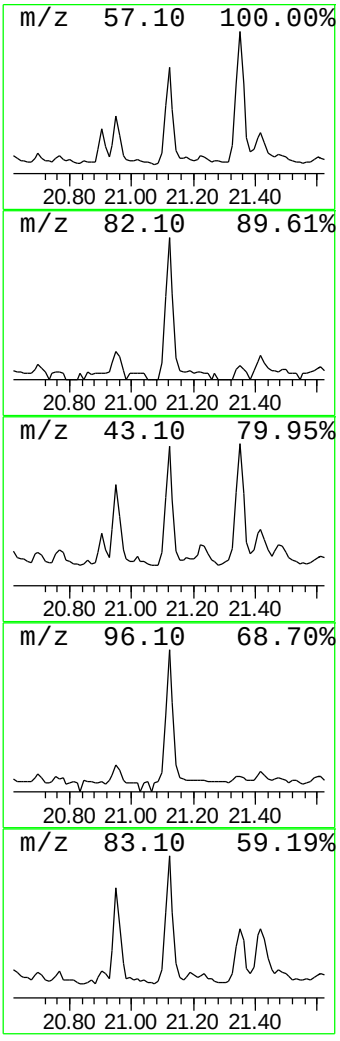
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	11.64 ng	213068	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Octadecanal	268	C18H36O	000638-66-4	90
3	1,19-Eicosadiene	278	C20H38	014811-95-1	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	64





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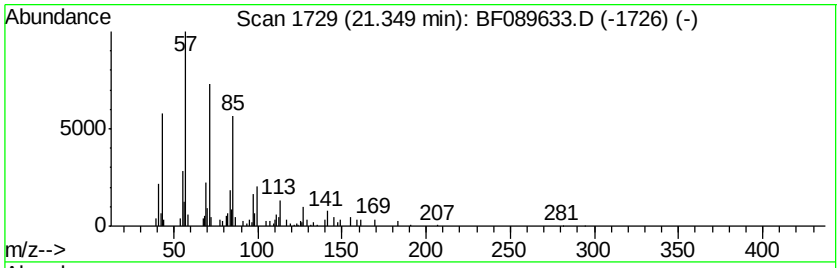
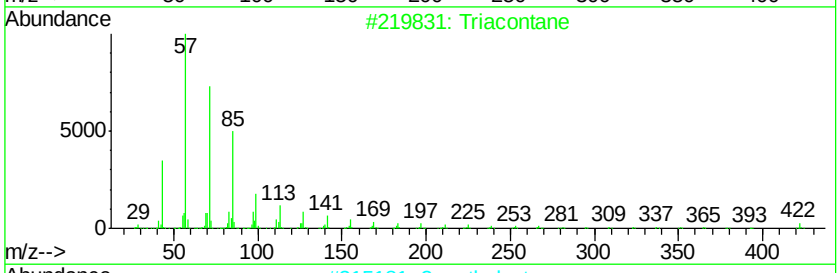
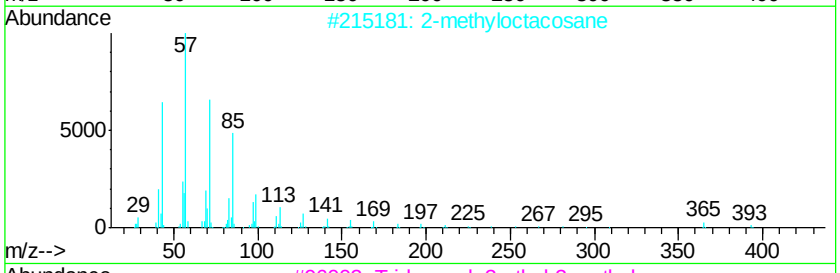
Peak Number 17 Triacontane Concentration Rank 13

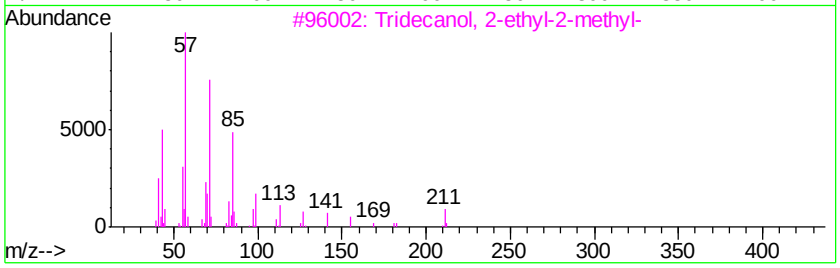
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	7.67 ng	140472	Perylene-d12	20.05

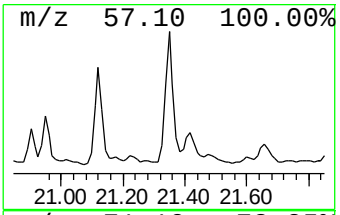
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hexadecane	226	C16H34	000544-76-3	87

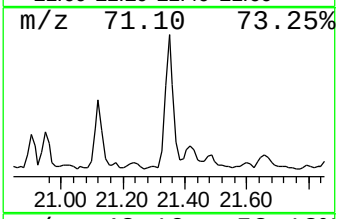


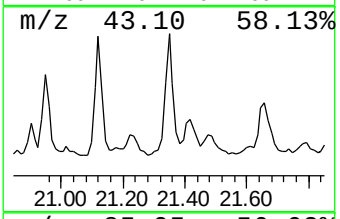


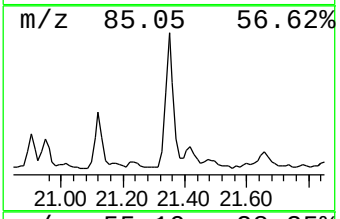


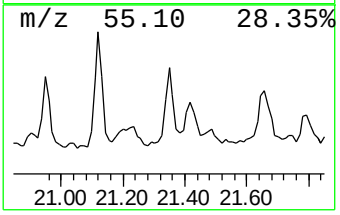












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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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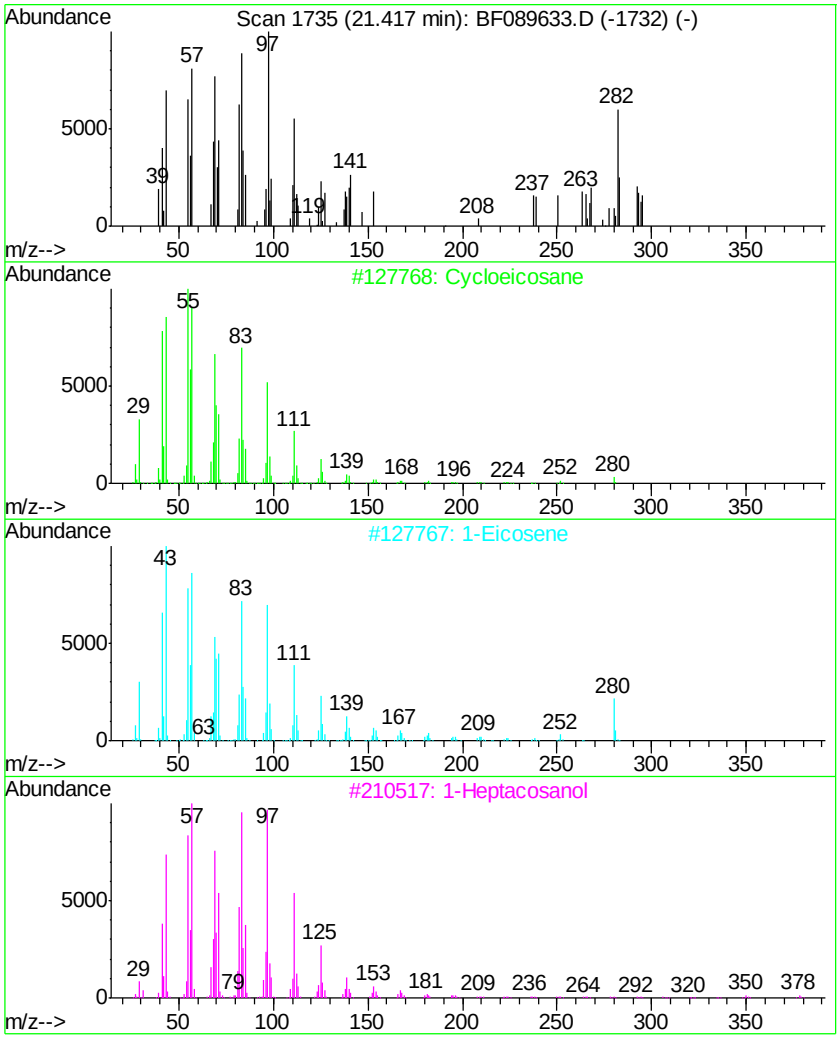
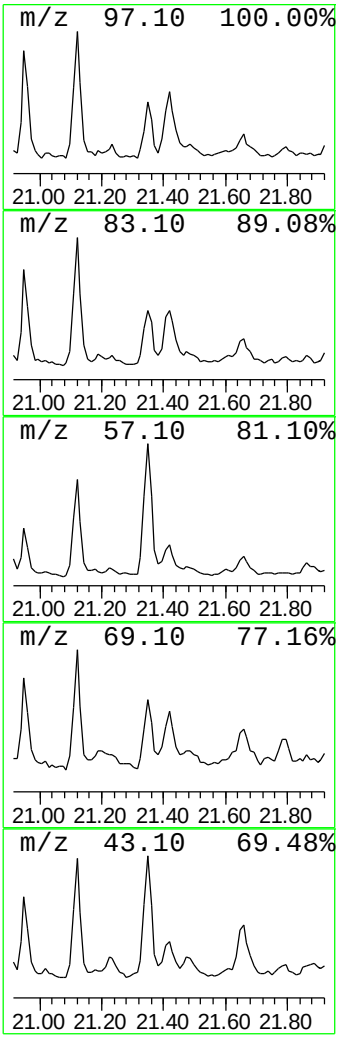
Peak Number 18 Cycloeicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	5.47 ng	100146	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	70
2	1-Eicosene	280	C20H40	003452-07-1	70
3	1-Heptacosanol	396	C27H56O	002004-39-9	70
4	1-Octadecanol	270	C18H38O	000112-92-5	64
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089633.D
Acq On : 5 Aug 2016 16:36
Operator : UM/SJ
Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

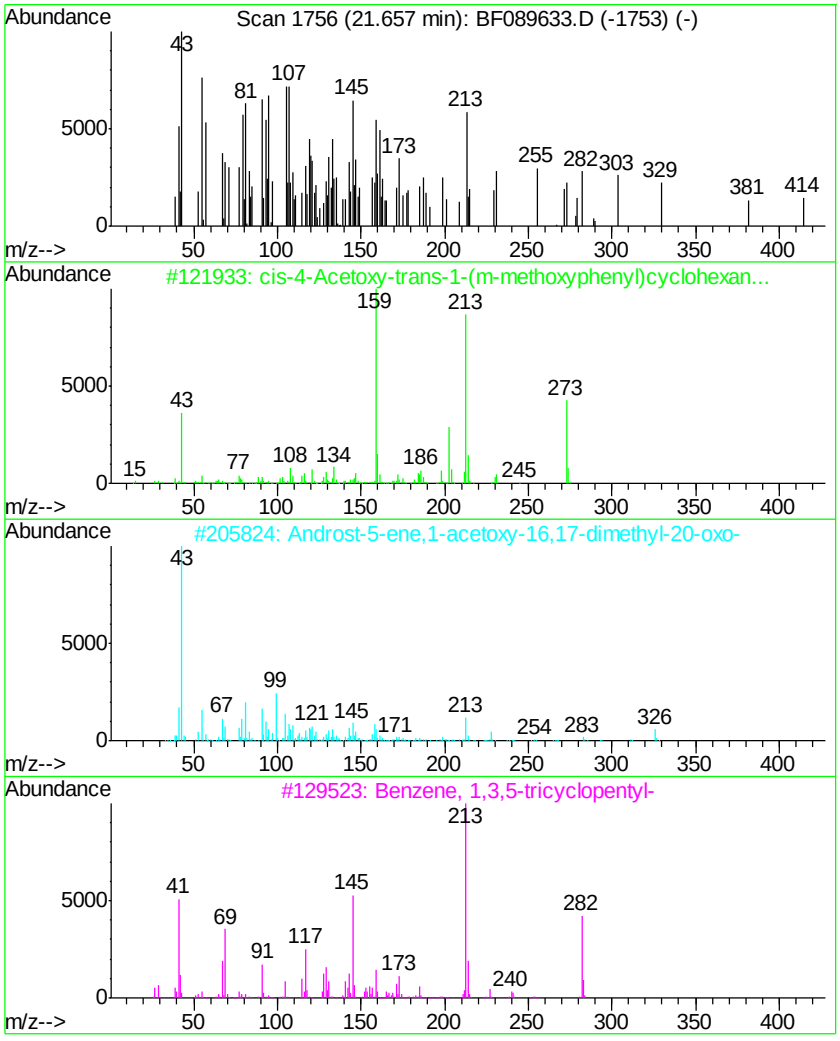
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

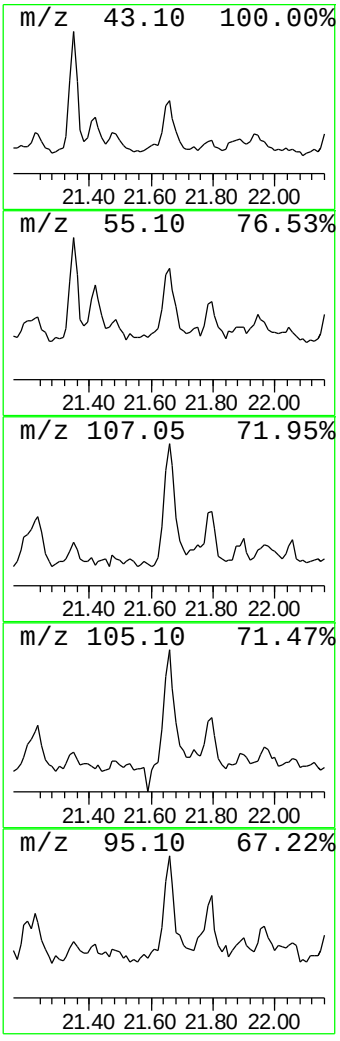
****

Peak Number 19 unknown21.66 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	8.54 ng	156302	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Acetoxy-trans-1-(m-methoxy...	273	C16H19NO3	1000241-10-4	22
2	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	16
3	Benzene, 1,3,5-tricyclopentyl-	282	C21H30	018970-51-9	14
4	1,3,4-Thiadiazol-2-amine, 5-trif...	273	C11H10F3N3S	284488-18-2	11
5	Alloaromadendrene	204	C15H24	025246-27-9	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089633.D
Acq On : 5 Aug 2016 16:36
Operator : UM/SJ
Sample : H4292-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS9-0-2IN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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...	4.65	24.4	ng	338212	1	7.44	276915	20.0
unknown7.10	7.10	85.8	ng	1187220	1	7.44	276915	20.0
Phenanthrene, 2-m...	15.52	4.7	ng	103924	4	14.69	443885	20.0
4H-Cyclopenta[def...	15.63	7.9	ng	175263	4	14.69	443885	20.0
n-Hexadecanoic acid	15.70	11.6	ng	256803	4	14.69	443885	20.0
Triphenylene, 2-m...	18.89	4.3	ng	128724	5	18.39	602635	20.0
1-Decanol, 2-hexyl-	19.11	5.2	ng	155978	5	18.39	602635	20.0
Octadecane	19.47	4.7	ng	85135	6	20.05	366237	20.0
n-Tetracosanol-1	19.85	30.1	ng	550883	6	20.05	366237	20.0
Perylene	19.93	9.3	ng	169469	6	20.05	366237	20.0
Z-5-Nonadecene	20.21	15.7	ng	287574	6	20.05	366237	20.0
Hexacosane	20.51	16.3	ng	299017	6	20.05	366237	20.0
1-Eicosene	20.95	5.1	ng	92770	6	20.05	366237	20.0
Oxirane, hexadecyl-	21.12	11.6	ng	213068	6	20.05	366237	20.0
Triacontane	21.35	7.7	ng	140472	6	20.05	366237	20.0
Cycloeicosane	21.42	5.5	ng	100146	6	20.05	366237	20.0
unknown21.66	21.66	8.5	ng	156302	6	20.05	366237	20.0