LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089638.D
Acq On : 5 Aug 2016 19:25
Operator : UM/SJ
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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	4.661	266	269	283	rBV	168319	383388	29.95%	2.498%
2	5.336	326	328	351	rBV	562377	1107280	86.50%	7.214%
3	5.930	377	380	385	rVB	9364	14719	1.15%	0.096%
4	6.993	470	473	480	rBV	681771	1088797	85.05%	7.094%
5	7.096	480	482	494	rVB	869673	1249641	97.62%	8.142%
6	7.439	510	512	519	rBV	187645	279738	21.85%	1.823%
7	7.679	530	533	546	rBV	737423	938672	73.33%	6.116%
8	8.353	589	592	602	rBV	457124	696945	54.44%	4.541%
9	9.473	687	690	696	rBV	267625	394888	30.85%	2.573%
10	11.256	842	846	848	rBV	909800	1280121	100.00%	8.340%
11	11.942	903	906	909	rBV	137875	185868	14.52%	1.211%
12	12.068	915	917	921	rVB	21225	34488	2.69%	0.225%
13	12.297	934	937	939	rBV	303792	400826	31.31%	2.611%
14	12.342	939	941	945	rVB2	20048	31698	2.48%	0.207%
15	13.154	1008	1012	1014	rVV	33942	43364	3.39%	0.283%
16	13.188	1014	1015	1020	rVB3	7324	13523	1.06%	0.088%
17	13.508	1037	1043	1047	rBV2	11475	33136	2.59%	0.216%
18	13.577	1047	1049	1054	rBV	355810	565207	44.15%	3.682%
19	13.920	1077	1079	1084	rBV	35805	68454	5.35%	0.446%
20	14.685	1140	1146	1148	rBV	240185	339424	26.51%	2.211%
21	14.720	1148	1149	1154	rVV	78692	110584	8.64%	0.720%
22	14.811	1154	1157	1160	rVV	33563	49038	3.83%	0.319%
23	15.325	1200	1202	1206	rBV	8532	14974	1.17%	0.098%
24	15.485	1213	1216	1218	rBV	16259	19642	1.53%	0.128%
25	15.531	1218	1220	1222	rVV	18197	24902	1.95%	0.162%
26	15.600	1222	1226	1227	rVV3	11764	25838	2.02%	0.168%
27	15.634	1227	1229	1231	rVV	34607	51062	3.99%	0.333%
28	15.691	1231	1234	1243	rVB2	59104	122240	9.55%	0.796%
29	15.943	1253	1256	1258	rBV	17905	31726	2.48%	0.207%
30	16.285	1284	1286	1288	rBV	16514	25178	1.97%	0.164%
31	16.331	1288	1290	1292	rVV	10120	17613	1.38%	0.115%
32	16.400	1295	1296	1300	rVB	14342	23954	1.87%	0.156%
33	16.491	1301	1304	1308	rBV	235699	285235	22.28%	1.858%
34	16.628	1311	1316	1318	rBV	16945	31386	2.45%	0.204%

LSC Area Percent Report

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Acq On : 5 Aug 2016 19:25
Operator : UM/SJ
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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	16.788	1328	1330	1336	rBV	215838	302272	23.61%	1.969%
36	16.914	1339	1341	1344	rVB	69259	76823	6.00%	0.501%
37	16.983	1345	1347	1350	rBV	16875	33378	2.61%	0.217%
38	17.051	1350	1353	1356	rVV	681630	792551	61.91%	5.164%
39	17.120	1356	1359	1365	rVB4	17390	40928	3.20%	0.267%
40	17.234	1365	1369	1370	rBV2	17988	34230	2.67%	0.223%
41	17.257	1370	1371	1375	rVB	28751	38338	2.99%	0.250%
42	17.348	1375	1379	1381	rBV	23067	31184	2.44%	0.203%
43	17.394	1381	1383	1387	rBV2	27202	51878	4.05%	0.338%
44	17.508	1390	1393	1395	rVV2	15350	21733	1.70%	0.142%
45	17.840	1414	1422	1425	rBV2	40610	81669	6.38%	0.532%
46	17.909	1426	1428	1429	rVV	18751	25873	2.02%	0.169%
47	17.931	1429	1430	1435	rVB	20388	32826	2.56%	0.214%
48	18.069	1438	1442	1443	rVV	16934	33621	2.63%	0.219%
49	18.126	1445	1447	1448	rVV2	14252	19533	1.53%	0.127%
50	18.160	1448	1450	1453	rVB2	13062	17166	1.34%	0.112%
51	18.217	1453	1455	1457	rVB	16881	24880	1.94%	0.162%
52	18.309	1460	1463	1466	rBV2	74100	127246	9.94%	0.829%
53	18.389	1466	1470	1472	rVV2	314063	576631	45.05%	3.757%
54	18.423	1472	1473	1476	rVV	139974	132407	10.34%	0.863%
55	18.514	1479	1481	1483	rVB	13725	17356	1.36%	0.113%
56	18.583	1483	1487	1492	rBV4	18983	42018	3.28%	0.274%
57	18.663	1492	1494	1496	rBV2	12017	17626	1.38%	0.115%
58	18.720	1496	1499	1505	rVB3	22881	46526	3.63%	0.303%
59	18.891	1508	1514	1516	rBV	42627	96798	7.56%	0.631%
60	18.926	1516	1517	1519	rVB	14243	16431	1.28%	0.107%
61	18.971	1519	1521	1522	rBV2	8687	13776	1.08%	0.090%
62	19.006	1522	1524	1525	rVB2	16096	15812	1.24%	0.103%
63	19.063	1525	1529	1530	rBV3	10924	27077	2.12%	0.176%
64	19.109	1531	1533	1536	rBV	51965	69349	5.42%	0.452%
65	19.269	1544	1547	1548	rBV3	8779	14136	1.10%	0.092%
66	19.303	1548	1550	1555	rVV5	9117	21517	1.68%	0.140%
67	19.486	1563	1566	1568	rVV2	34861	54824	4.28%	0.357%
68	19.543	1569	1571	1573	rVV	17491	24073	1.88%	0.157%
69	19.646	1577	1580	1586	rVV	179450	458139	35.79%	2.985%
70	19.760	1588	1590	1592	rVB	32602	44693	3.49%	0.291%
71	19.852	1594	1598	1604	rBV3	97306	266940	20.85%	1.739%

LSC Area Percent Report

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Acq On : 5 Aug 2016 19:25
Operator : UM/SJ
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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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72	19.932	1604	1605	1609	rVV	89468	130398	10.19%	0.850%
73	19.989	1609	1610	1613	rVV	109476	176492	13.79%	1.150%
74	20.046	1613	1615	1623	rVB2	198934	333536	26.06%	2.173%
75	20.172	1624	1626	1628	rVV	16972	26814	2.09%	0.175%
76	20.332	1638	1640	1644	rVB2	43786	63094	4.93%	0.411%
77	20.526	1654	1657	1659	rBV2	90621	144333	11.27%	0.940%
78	20.560	1659	1660	1663	rVB3	26098	33185	2.59%	0.216%
79	20.903	1688	1690	1692	rBV	15323	22541	1.76%	0.147%
80	21.120	1706	1709	1711	rVB2	21006	31430	2.46%	0.205%
81	21.235	1716	1719	1723	rVB2	65801	120840	9.44%	0.787%
82	21.360	1726	1730	1733	rBV2	62526	130764	10.21%	0.852%
83	21.417	1733	1735	1739	rVB3	13763	25480	1.99%	0.166%
84	21.577	1746	1749	1753	rBV	36419	74121	5.79%	0.483%
85	21.669	1753	1757	1761	rBV3	34268	87248	6.82%	0.568%
86	21.875	1772	1775	1780	rBV5	11257	35713	2.79%	0.233%
87	22.057	1788	1791	1795	rVB5	10021	22562	1.76%	0.147%
88	22.183	1800	1802	1805	rVB3	9208	16059	1.25%	0.105%
89	22.423	1820	1823	1826	rBV3	16800	42564	3.32%	0.277%
90	22.480	1826	1828	1836	rVB5	14228	41307	3.23%	0.269%
91	22.686	1843	1846	1848	rBV3	7950	19217	1.50%	0.125%
92	23.326	1898	1902	1910	rBV4	10194	45395	3.55%	0.296%

Sum of corrected areas: 15348900

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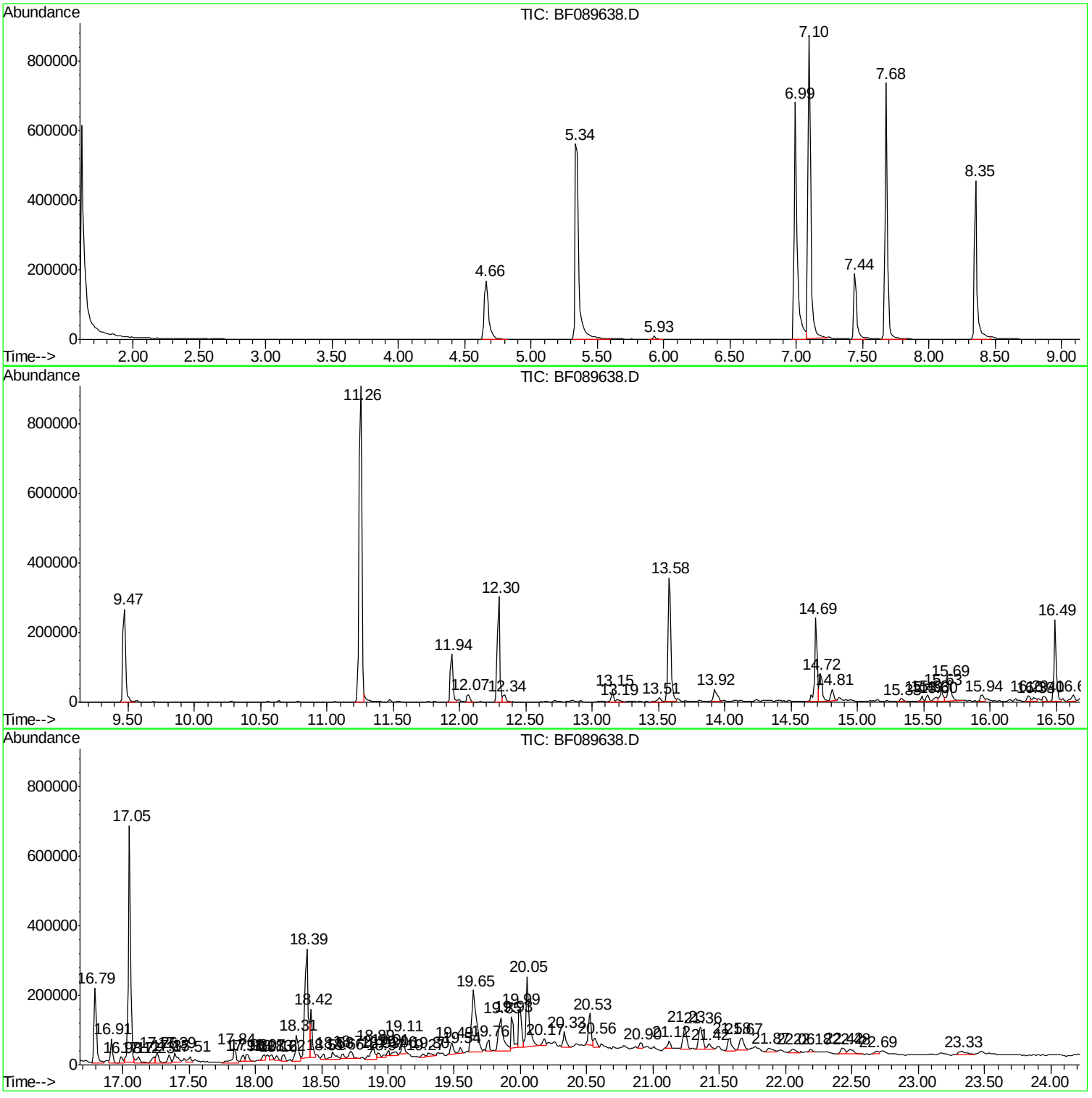
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS12-0-2IN

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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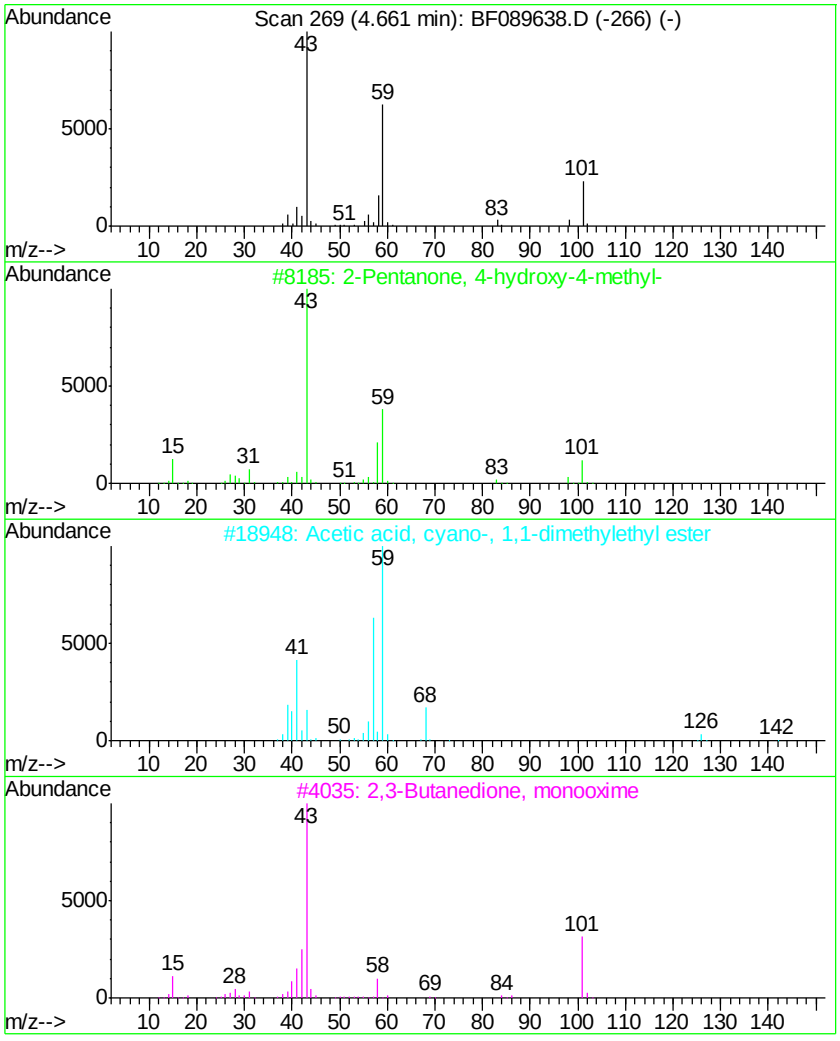
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

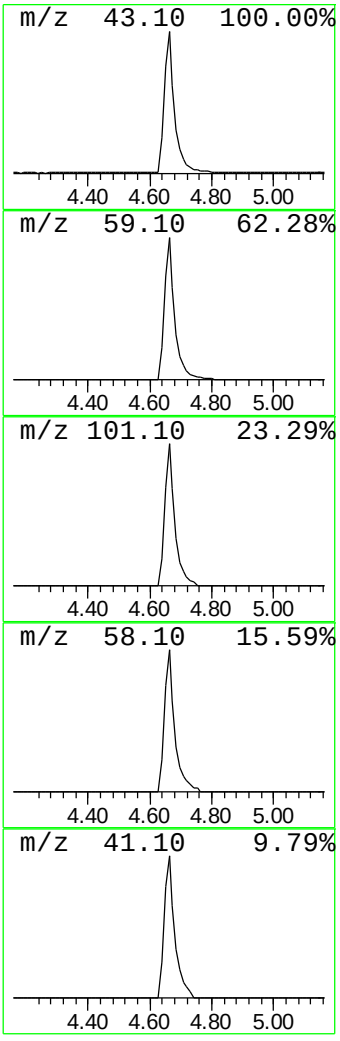
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	27.41 ng	383388	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BF089638.D
Acq On : 5 Aug 2016 19:25
Operator : UM/SJ
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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

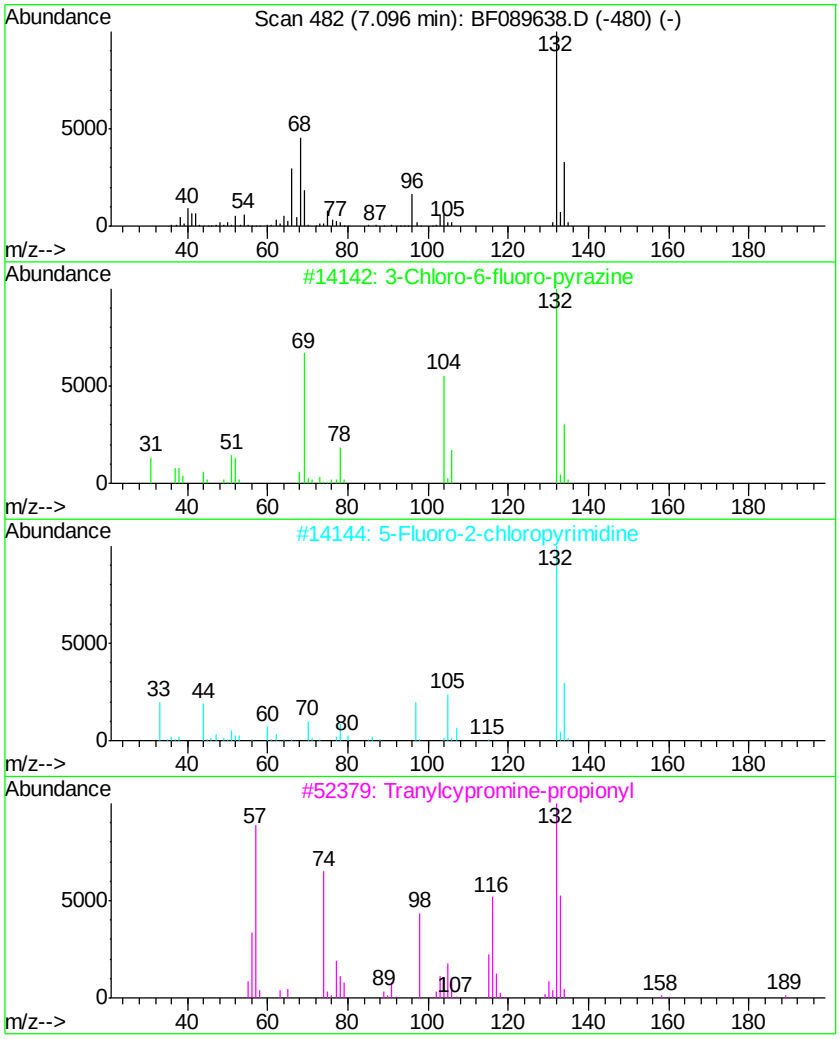
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

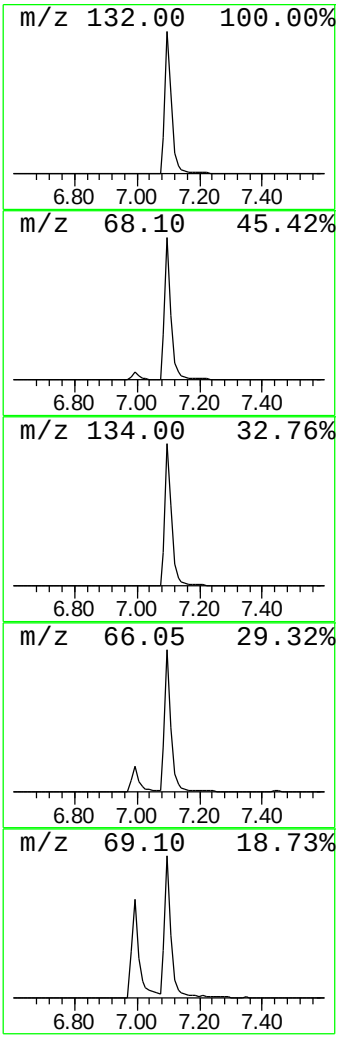
****

Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	89.34 ng	1249640	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ClientSampleId : SS12-0-2IN

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

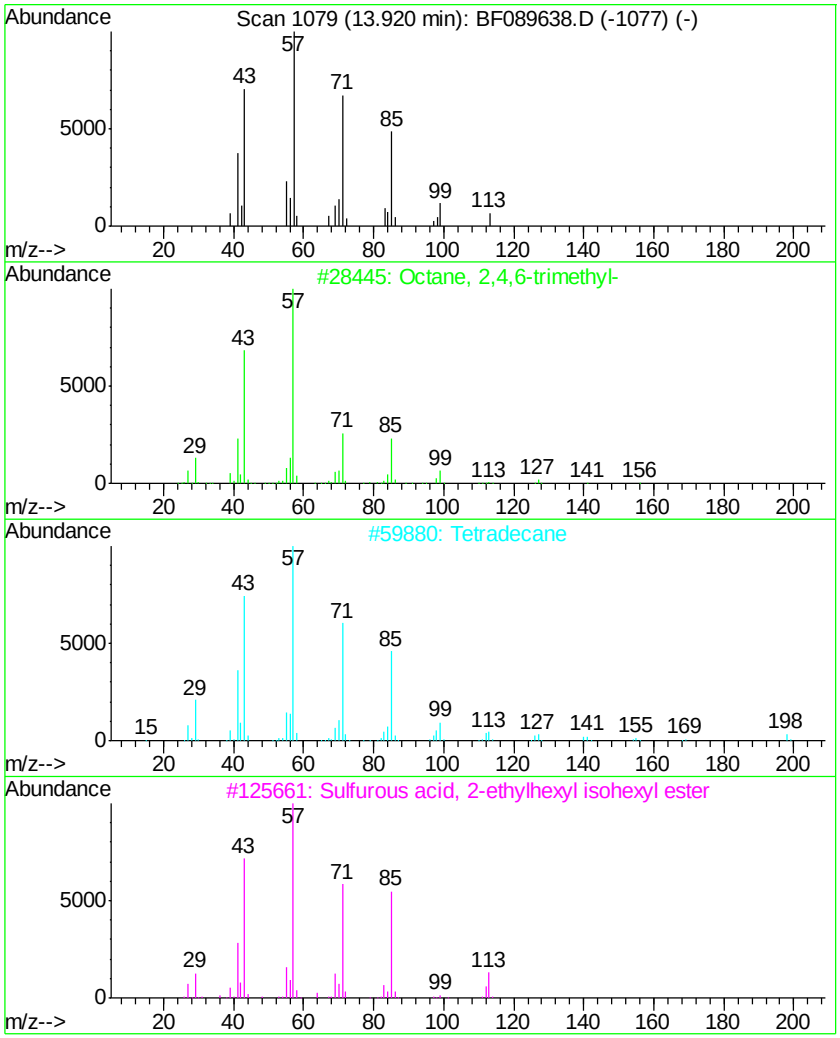
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

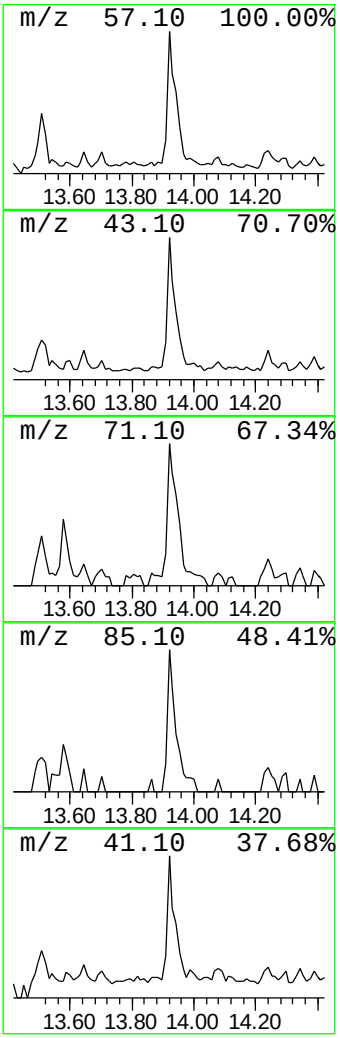
****

Peak Number 4 Octane, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.03 ng	68454	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





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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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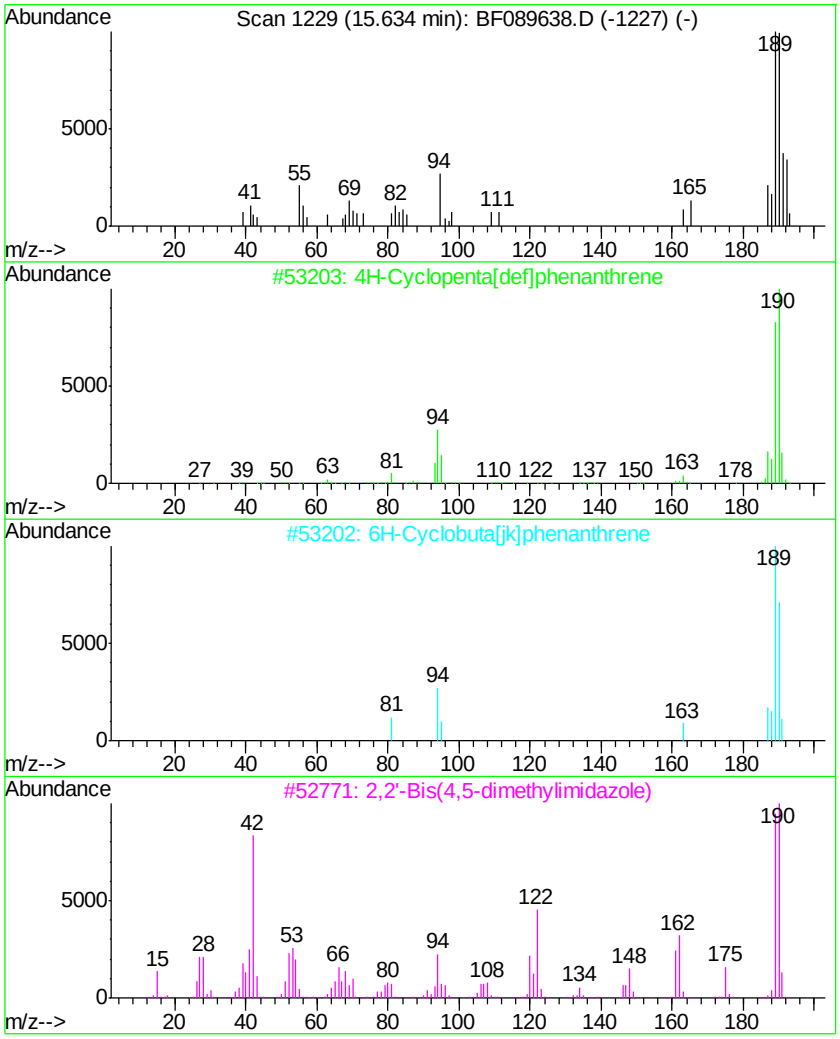
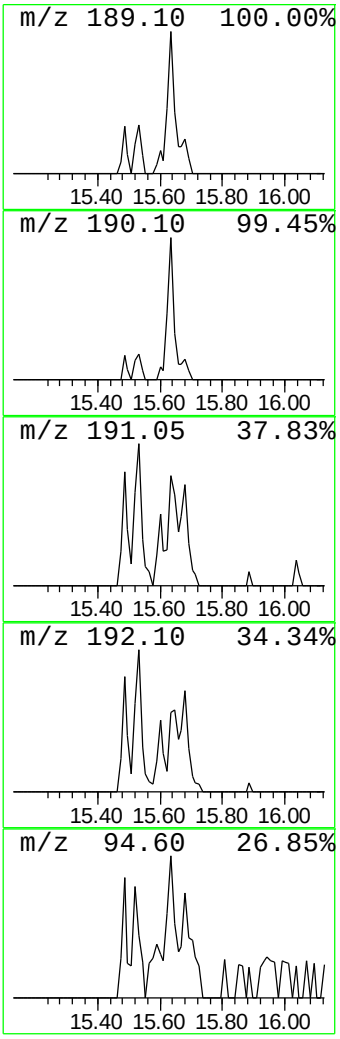
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.01 ng	51062	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2-Ethylthio-5-chloro-pyrimidin-4...	190	C6H7ClN2OS	106146-79-6	12
5	3-Chloropropionic acid, 2-bromo-...	280	C9H7BrClFO2	1000293-65-0	10





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Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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

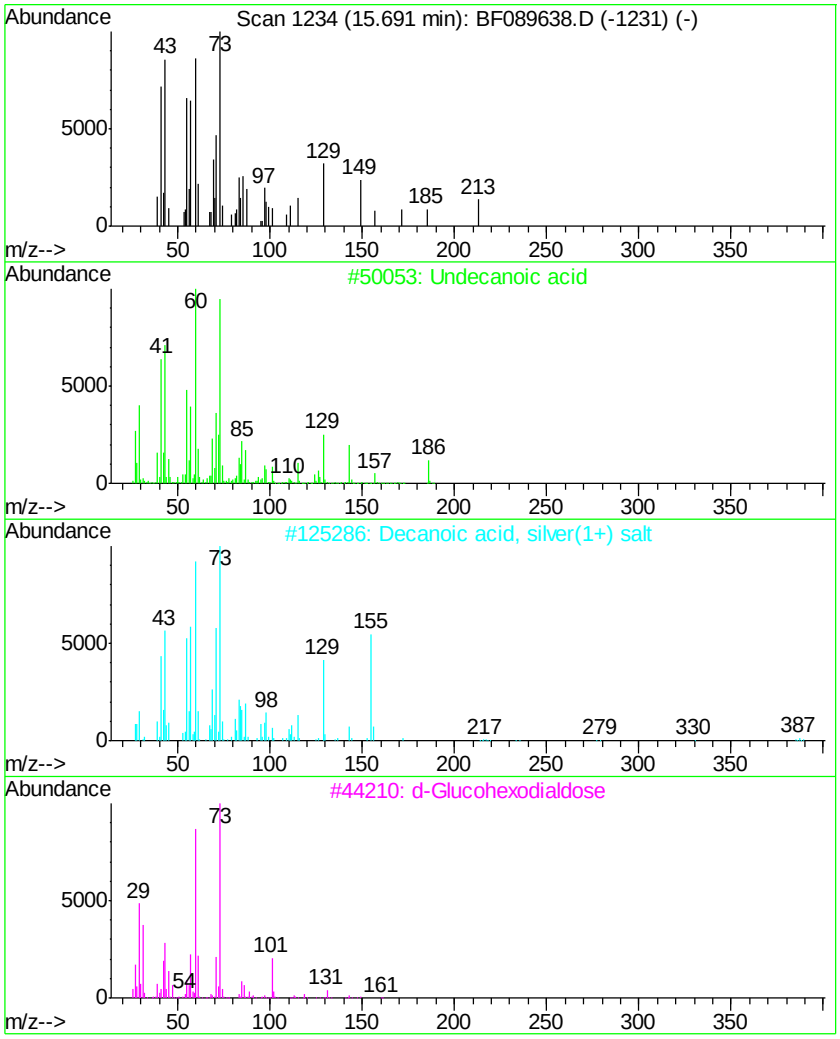
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

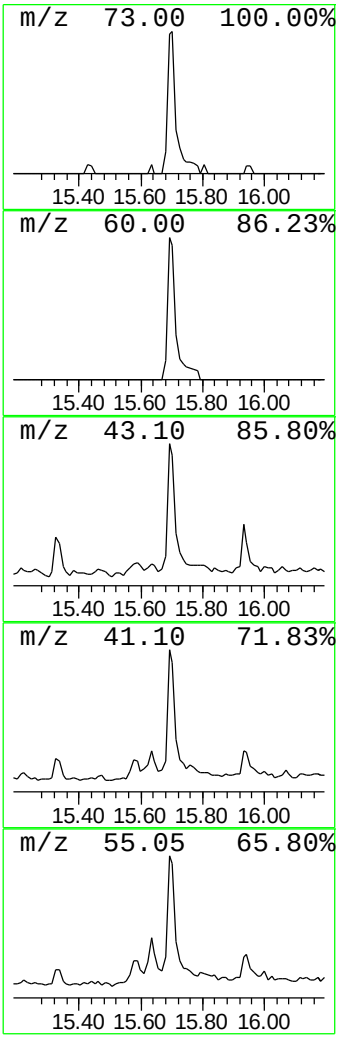
****

Peak Number 6 Undecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	7.20 ng	122240	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	59
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
3	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	38
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	30





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Data File : BF089638.D
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Operator : UM/SJ
Sample : H4292-11
Misc :
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Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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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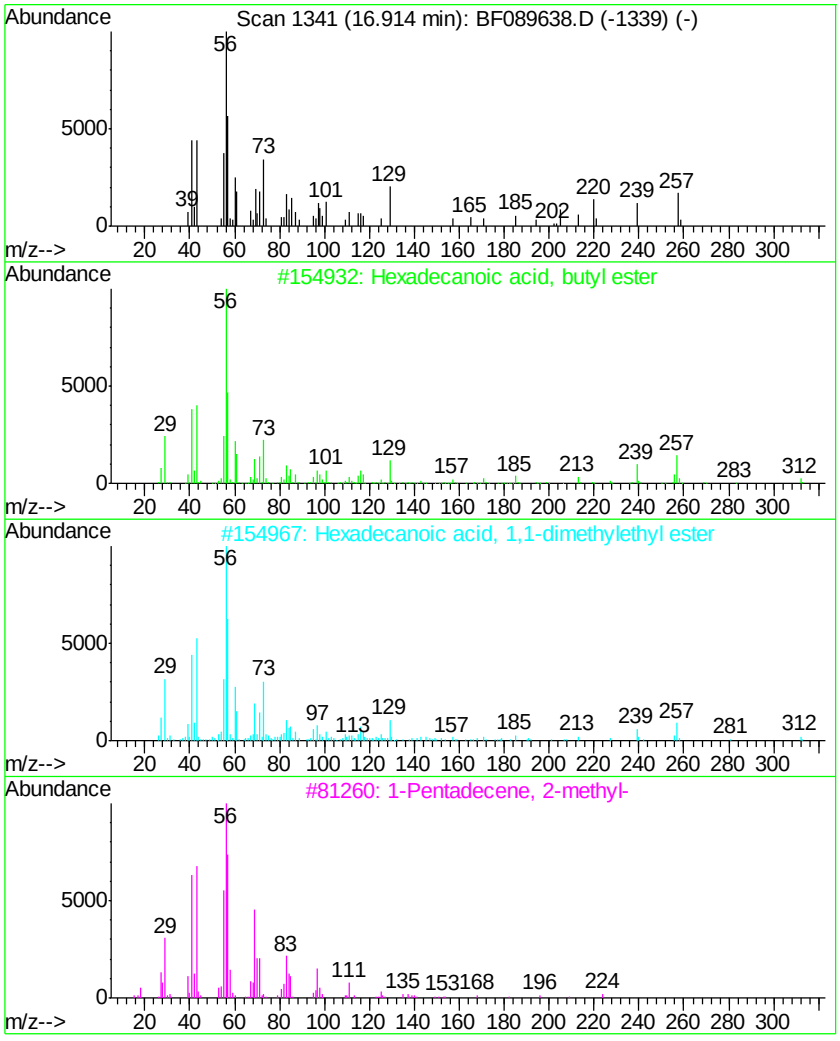
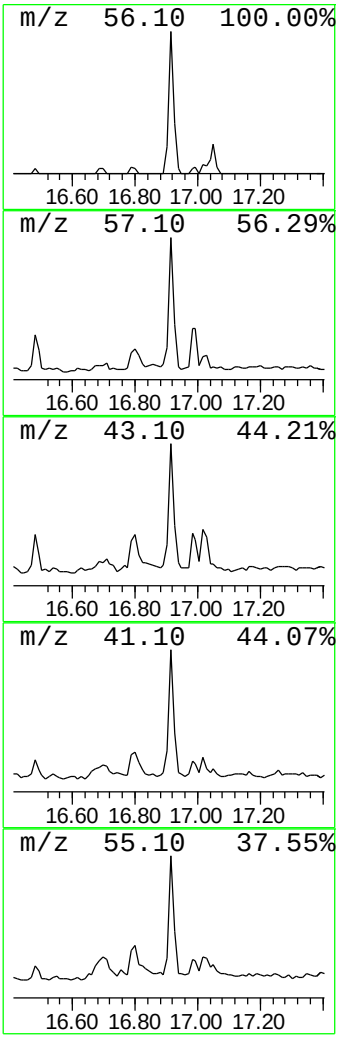
Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	2.66 ng	76823	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	38
4	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35





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Operator : UM/SJ
Sample : H4292-11
Misc :
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Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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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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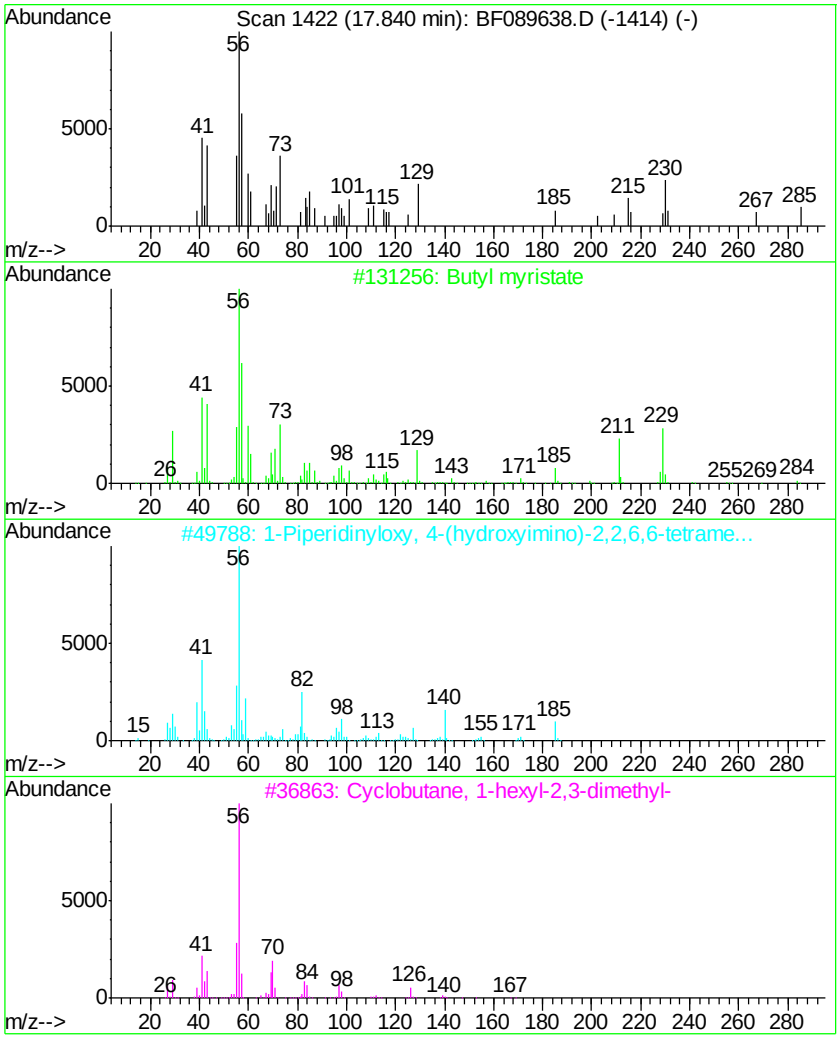
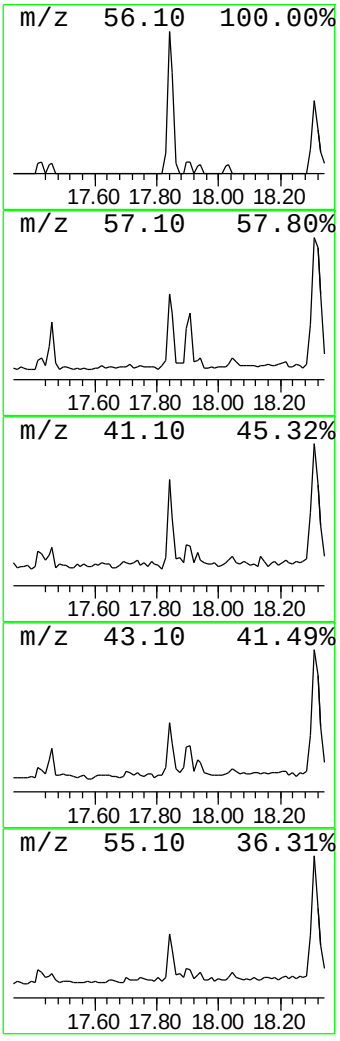
Peak Number 8 Butyl myristate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.83 ng	81669	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	58
2	1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	27
3	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	27
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	27
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27





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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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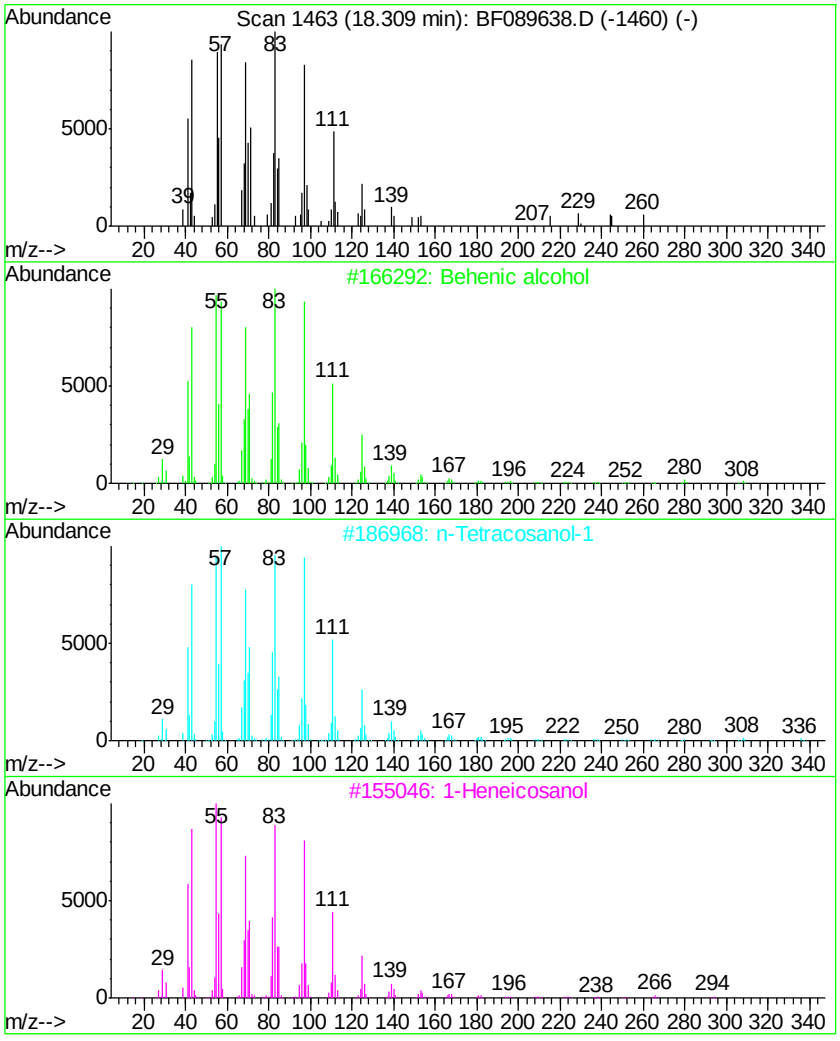
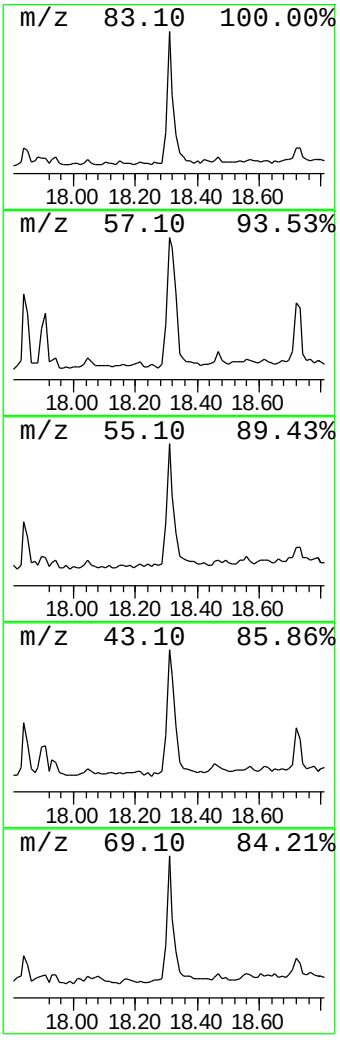
Peak Number 9 Behenic alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.41 ng	127246	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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

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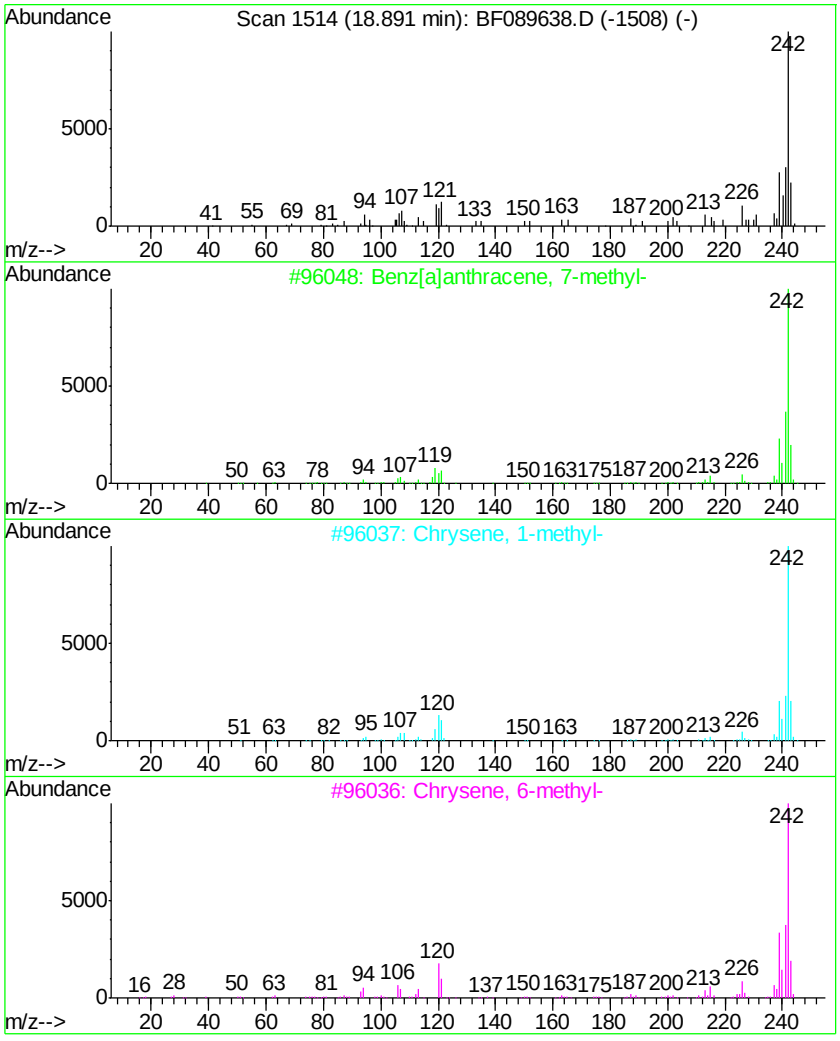
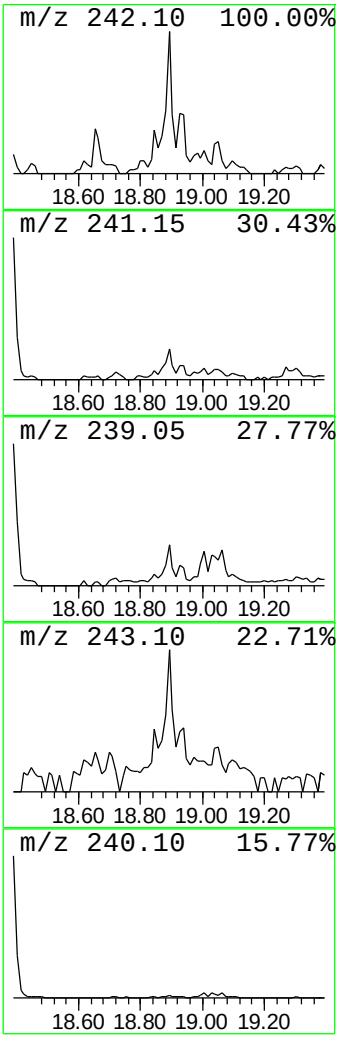
Peak Number 10 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.36 ng	96798	Chrysene-d12	18.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	83
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	81





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TIC Library : C:\Database\NIST11.L
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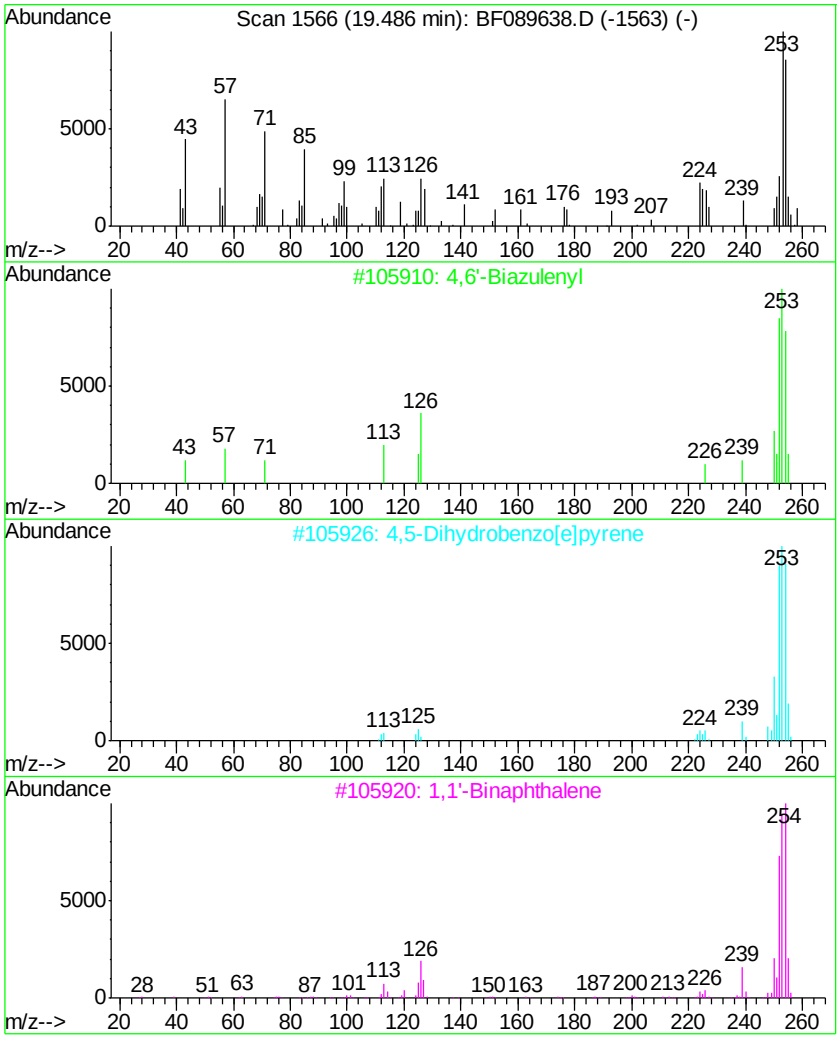
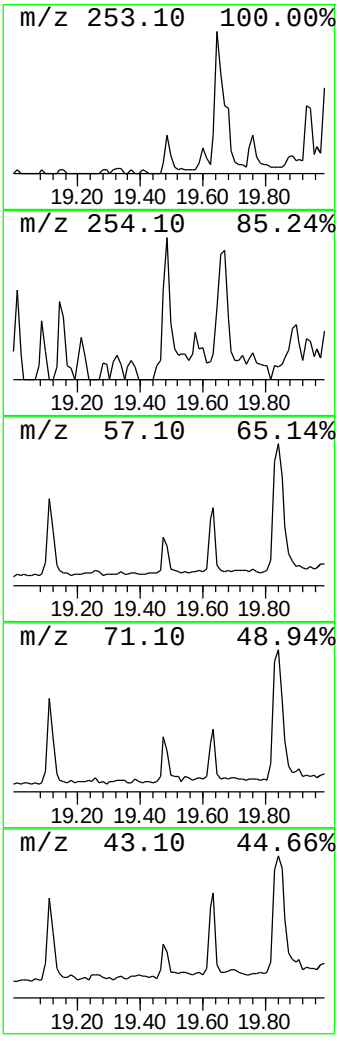
Peak Number 11 4,6'-Biazulenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	3.29 ng	54824	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6'-Biazulenyl	254	C20H14	094154-49-1	60
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	52
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	49
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	47
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	43





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TIC Library : C:\Database\NIST11.L
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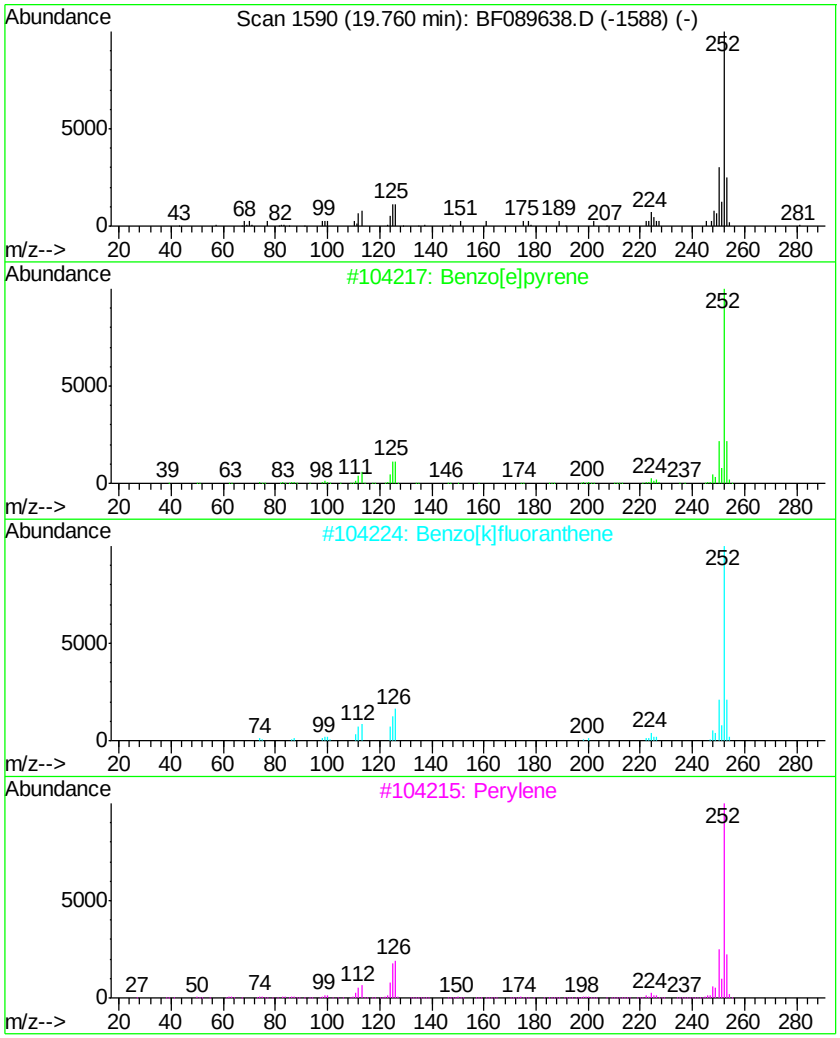
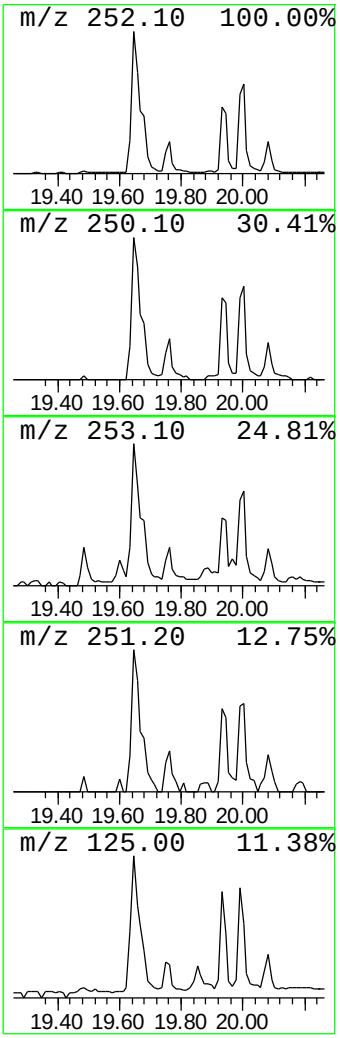
Peak Number 12 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.68 ng	44693	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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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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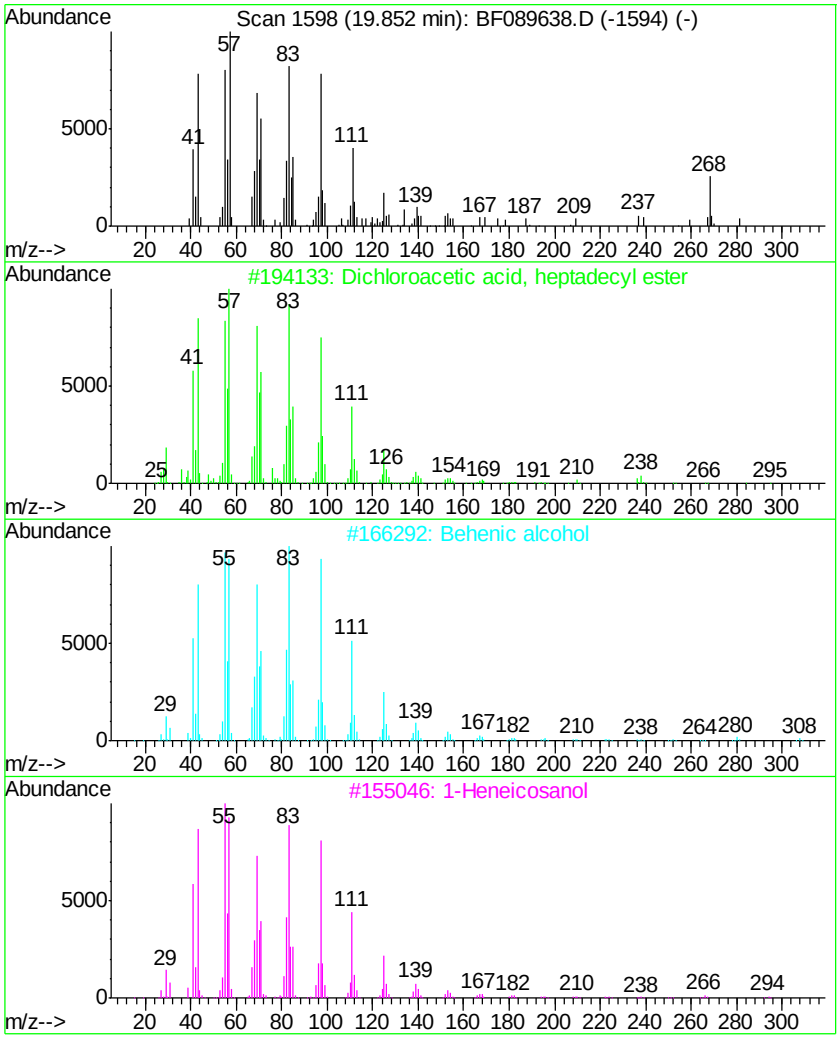
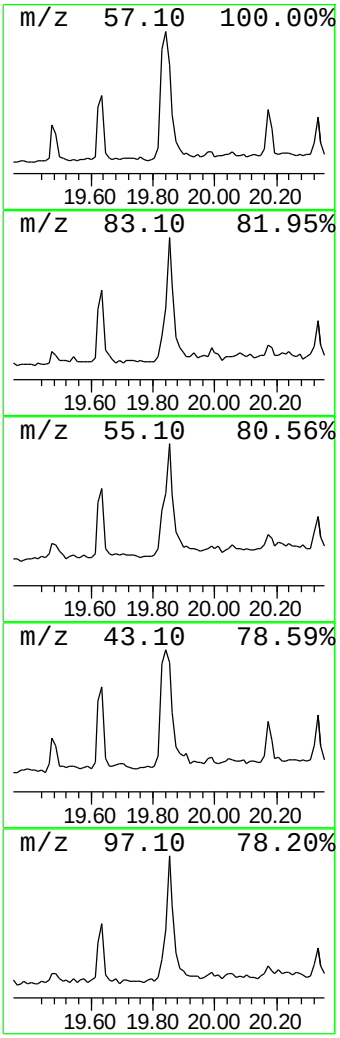
Peak Number 13 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	16.01 ng	266940	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93





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

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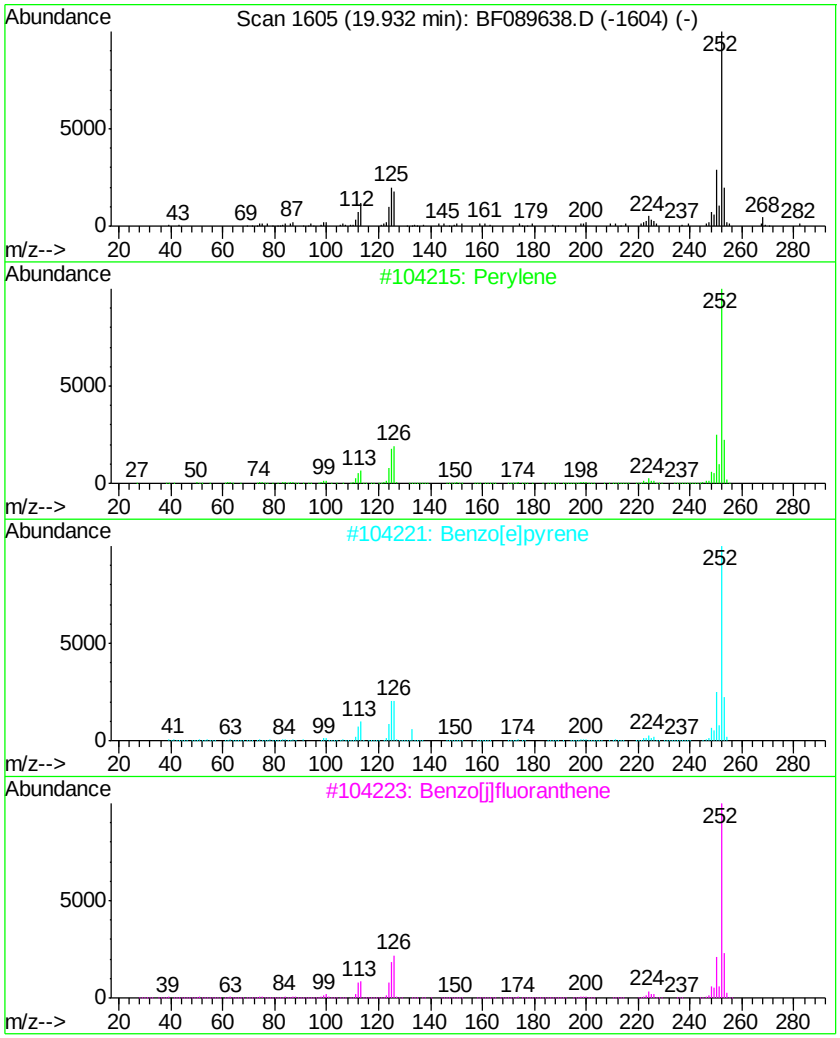
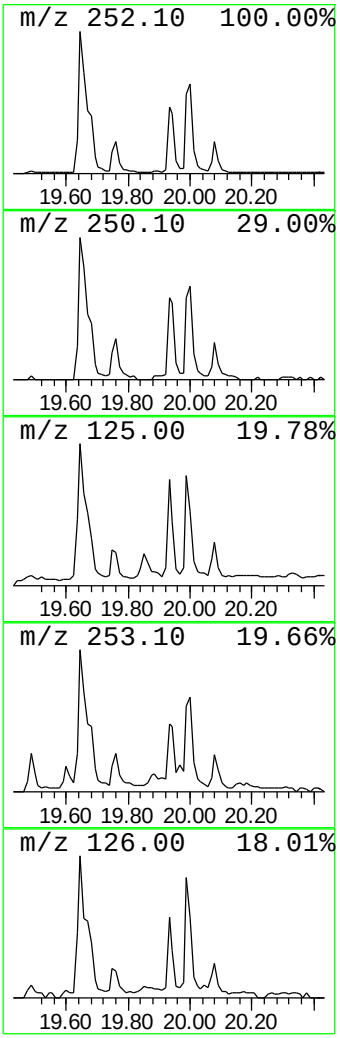
Peak Number 14 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	7.82 ng	130398	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





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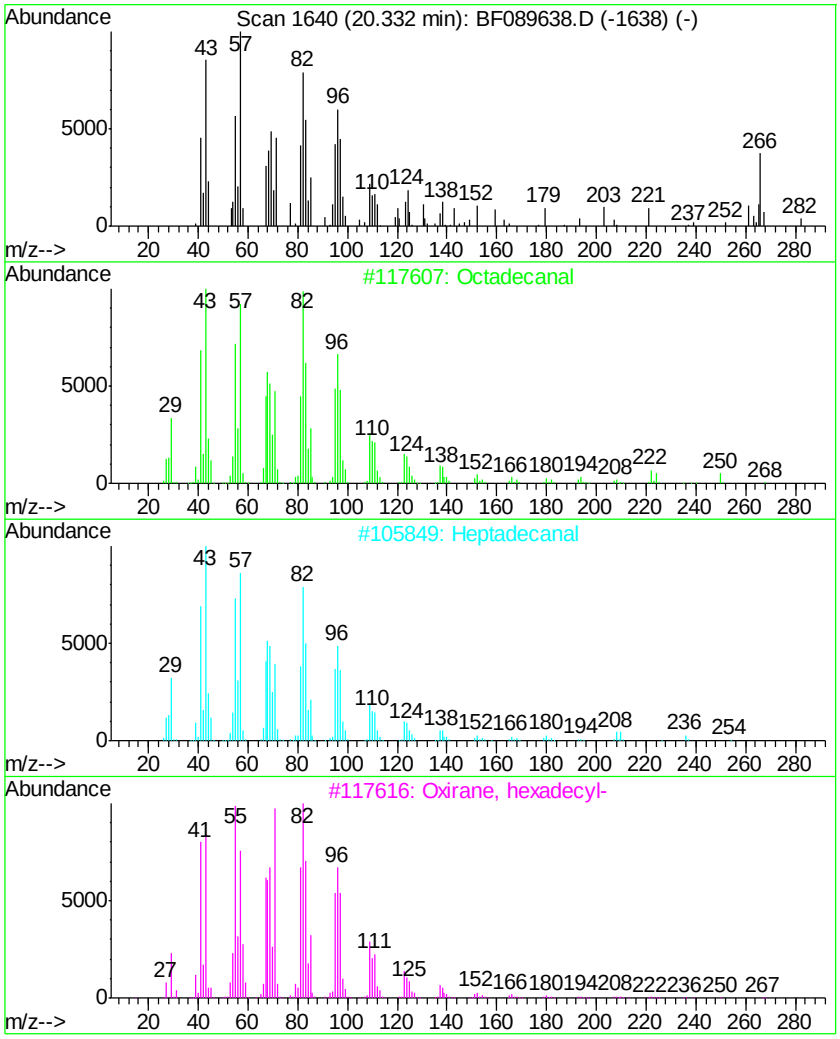
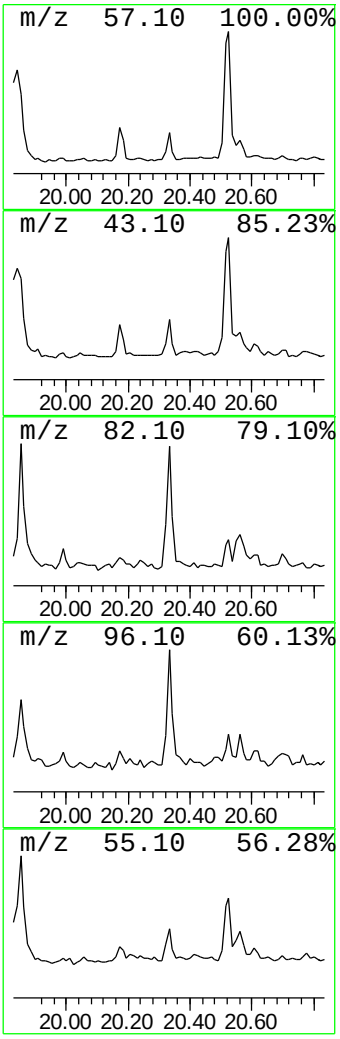
Peak Number 15 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	3.78 ng	63094	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	87
2	Heptadecanal	254	C17H34O	1000376-70-0	87
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
4	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	78
5	1,19-Eicosadiene	278	C20H38	014811-95-1	72





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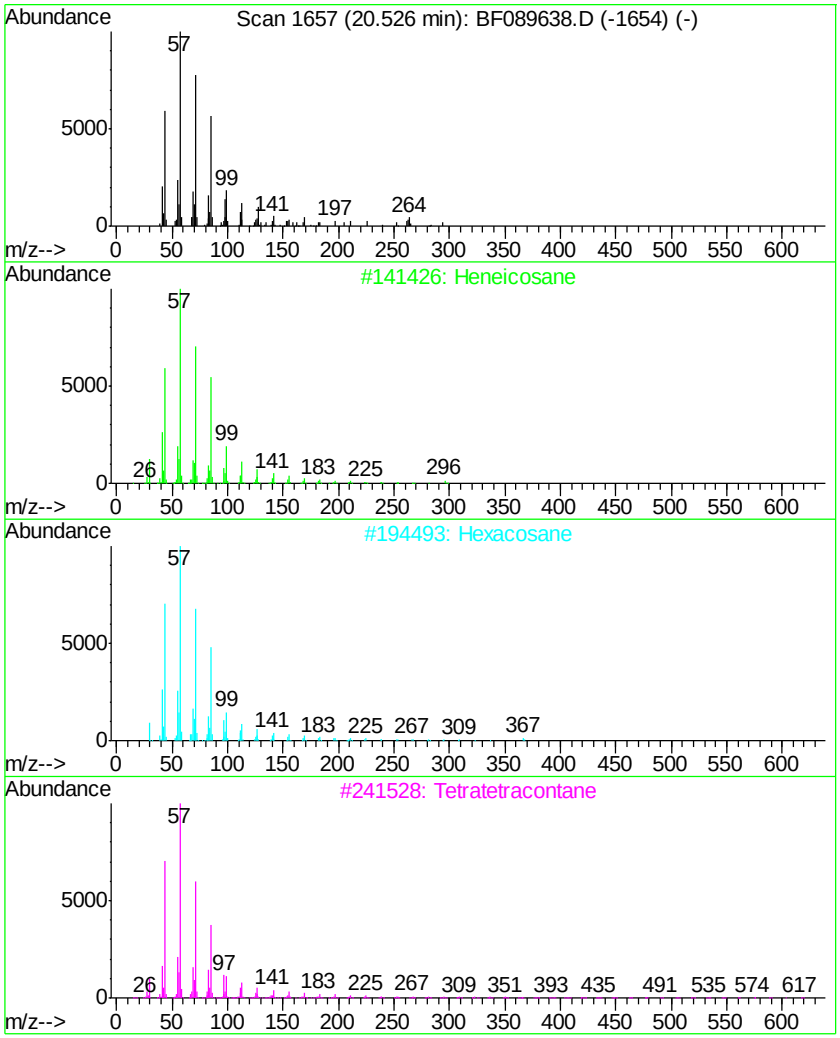
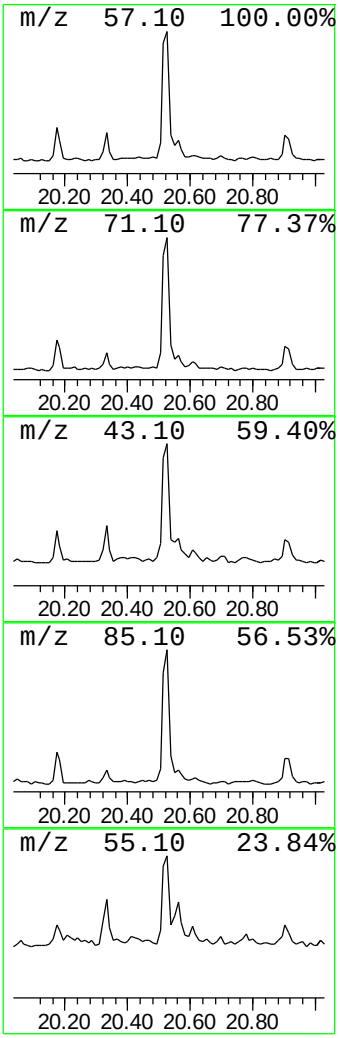
Peak Number 16 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	8.65 ng	144333	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentacosane	352	C25H52	000629-99-2	90





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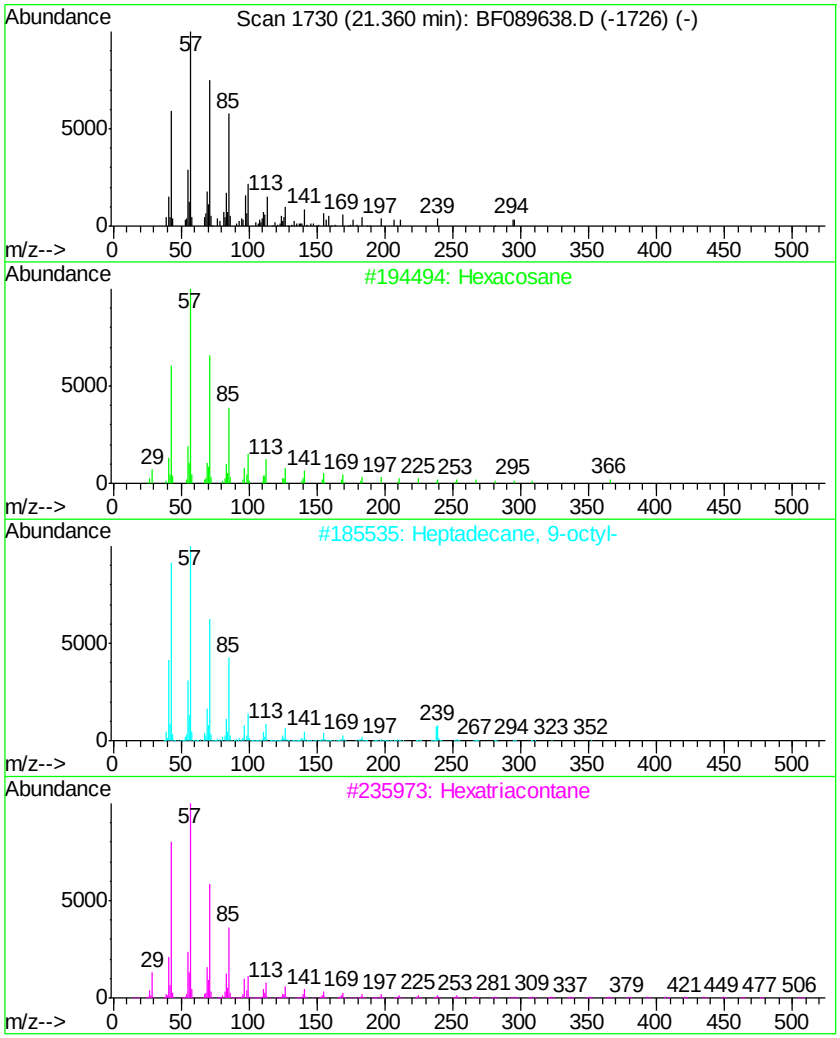
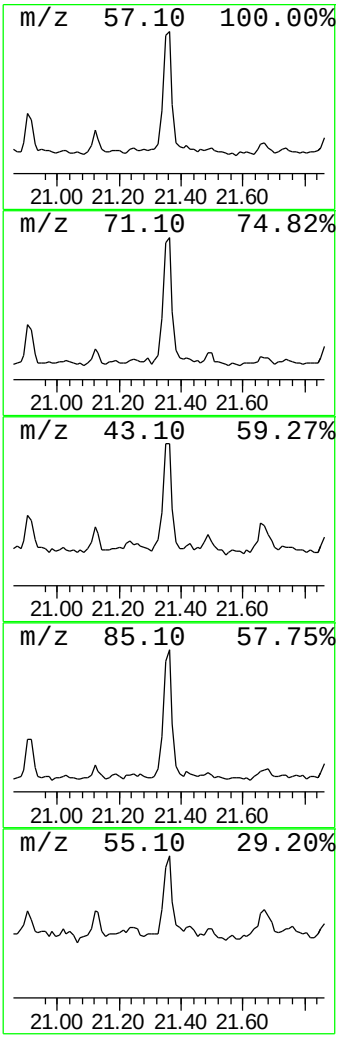
Peak Number 17 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	7.84 ng	130764	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	90





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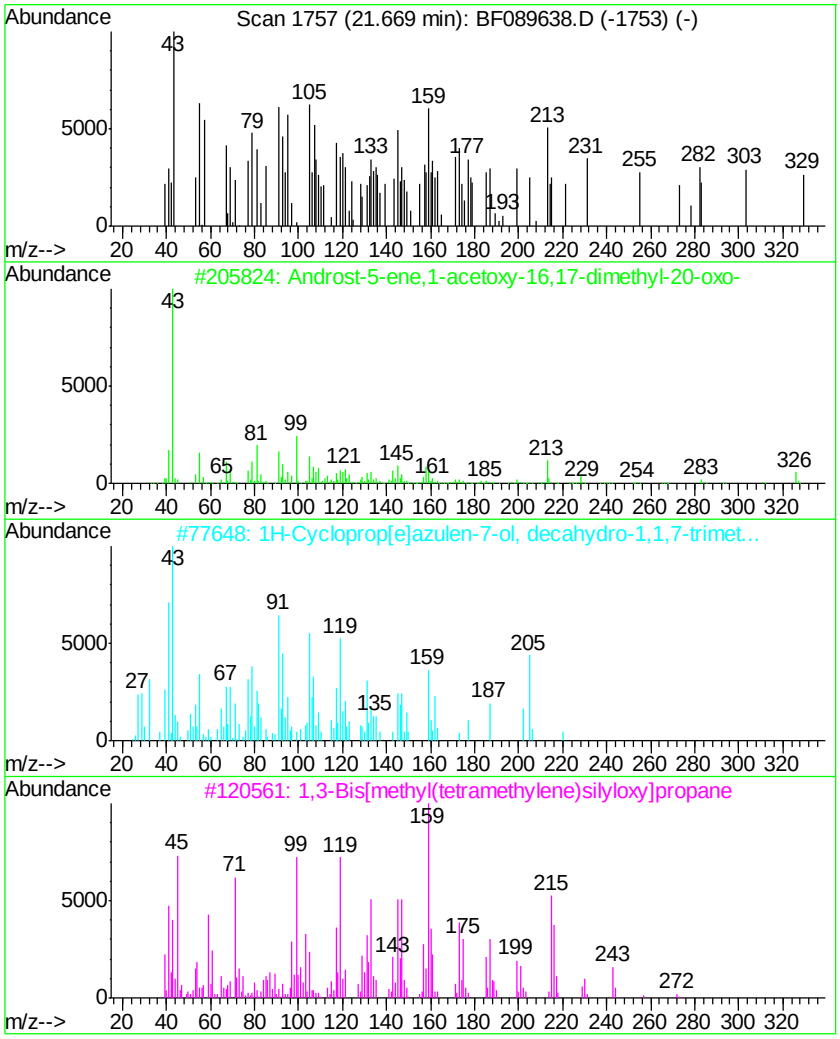
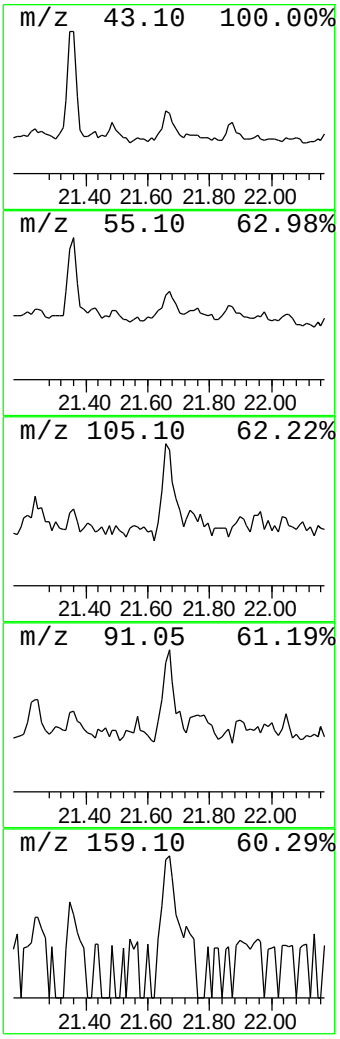
Peak Number 18 unknown21.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	5.23 ng	87248	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	16
2	1H-Cycloprop[e]azulen-7-ol, deca...	220	C15H24O	006750-60-3	12
3	1,3-Bis[methyl(tetramethylene)si...	272	C13H28O2Si2	1000216-99-6	11
4	Cyclopropane, 1-fluoro-1-(1-hexy...	216	C15H17F	309945-39-9	10
5	Isolongifolene, 7,8-dehydro-8a-h...	220	C15H24O	1000155-43-1	10





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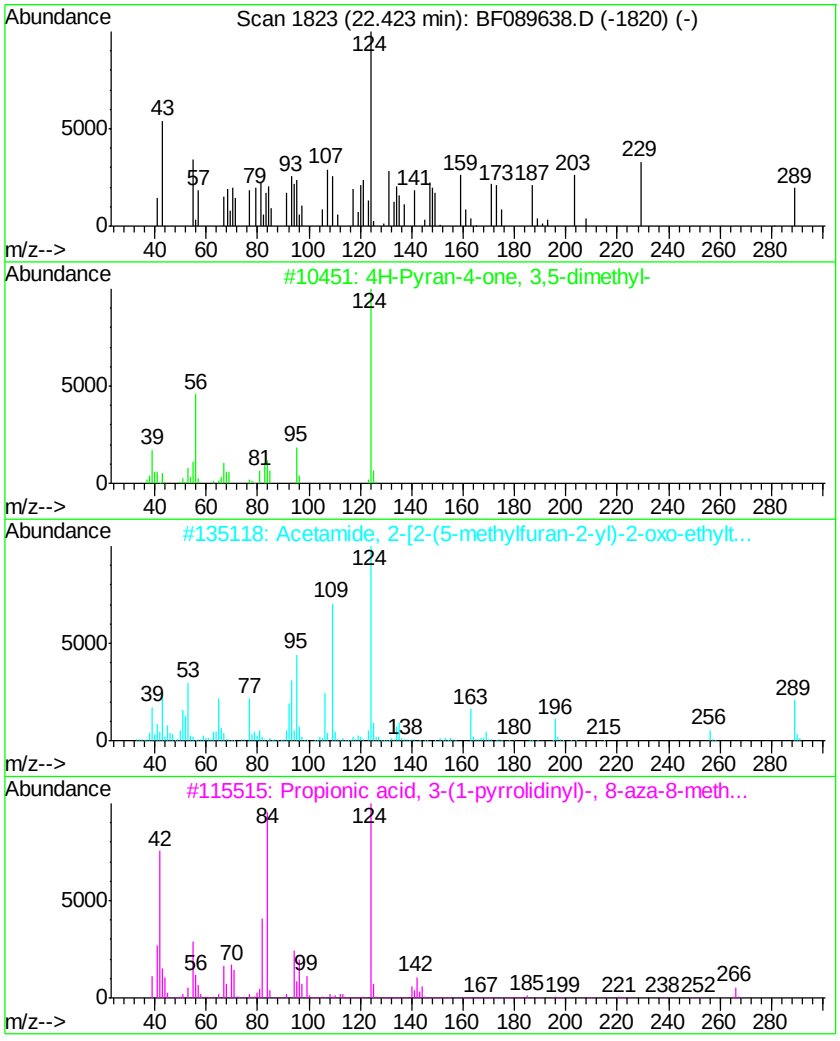
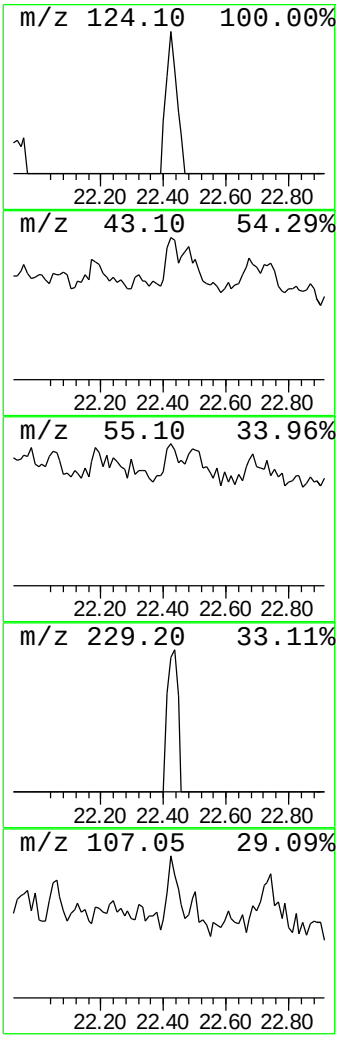
Peak Number 19 unknown22.42 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.55 ng	42564	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	14
2	Acetamide, 2-[2-(5-methylfuran-2...	289	C15H15NO3S	1000259-79-3	12
3	Propionic acid, 3-(1-pyrrolidiny...	266	C15H26N2O2	083471-63-0	10
4	p-Octyloxybenzyl alcohol	236	C15H24O2	067698-68-4	10
5	Homatropine	275	C16H21NO3	000087-00-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089638.D
Acq On : 5 Aug 2016 19:25
Operator : UM/SJ
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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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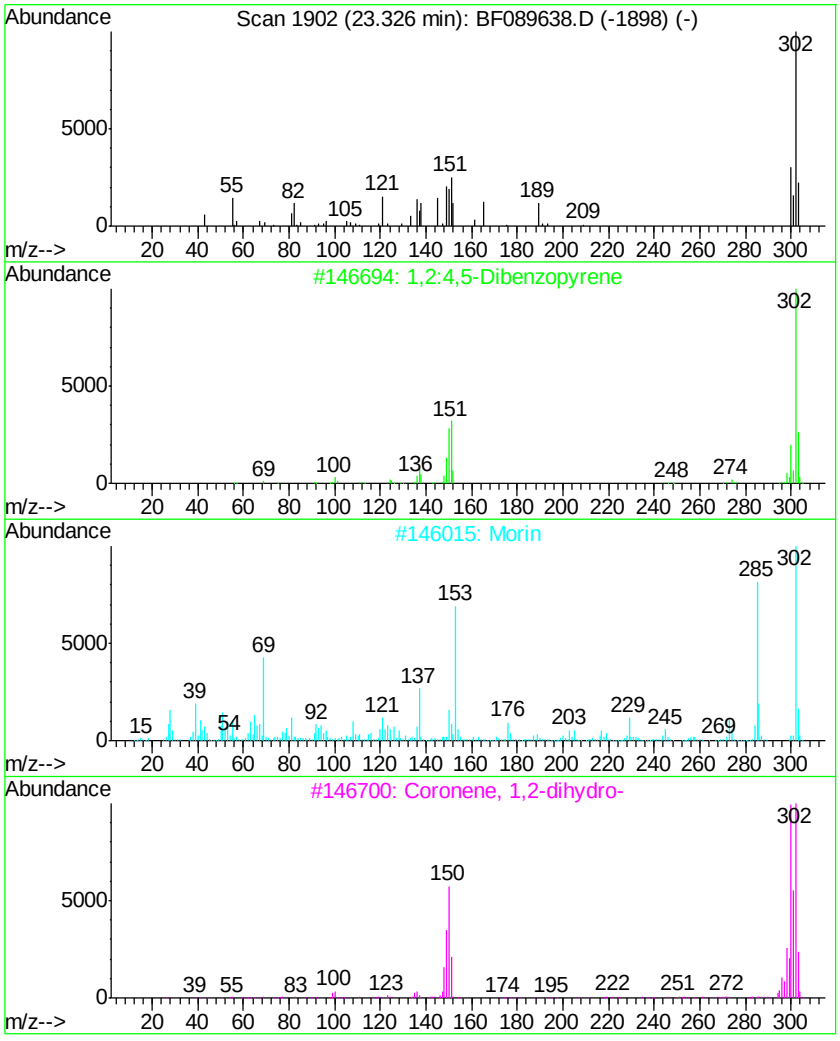
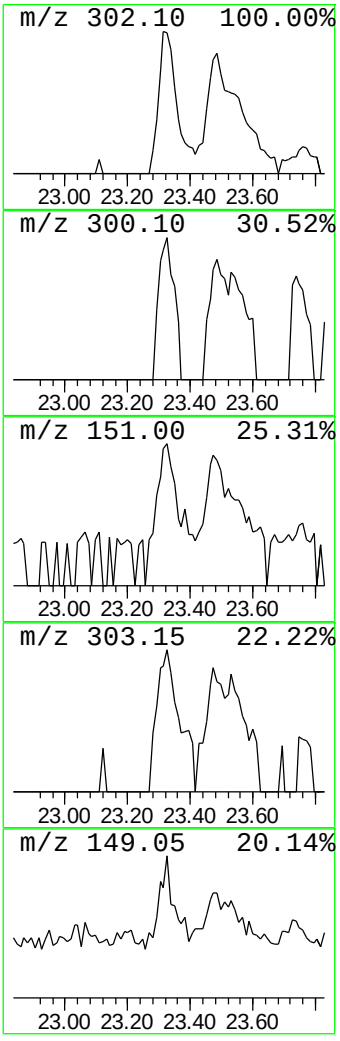
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.72 ng	45395	Perylene-d12	20.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
2	Morin	302	C15H10O7	000480-16-0	43
3	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	43
4	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	38
5	Ellagic acid	302	C14H6O8	000476-66-4	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089638.D
Acq On : 5 Aug 2016 19:25
Operator : UM/SJ
Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS12-0-2IN

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...	4.66	27.4	ng	383388	1	7.44	279738	20.0
unknown7.10	7.10	89.3	ng	1249640	1	7.44	279738	20.0
Octane, 2,4,6-tri...	13.92	4.0	ng	68454	4	14.69	339424	20.0
4H-Cyclopenta[def...	15.63	3.0	ng	51062	4	14.69	339424	20.0
Undecanoic acid	15.69	7.2	ng	122240	4	14.69	339424	20.0
Hexadecanoic acid...	16.91	2.7	ng	76823	5	18.39	576631	20.0
Butyl myristate	17.84	2.8	ng	81669	5	18.39	576631	20.0
Behenic alcohol	18.31	4.4	ng	127246	5	18.39	576631	20.0
Benz[a]anthracene...	18.89	3.4	ng	96798	5	18.39	576631	20.0
4,6'-Biazulenyl	19.49	3.3	ng	54824	6	20.05	333536	20.0
Benzo[e]pyrene	19.76	2.7	ng	44693	6	20.05	333536	20.0
Dichloroacetic ac...	19.85	16.0	ng	266940	6	20.05	333536	20.0
Perylene	19.93	7.8	ng	130398	6	20.05	333536	20.0
Octadecanal	20.33	3.8	ng	63094	6	20.05	333536	20.0
Heneicosane	20.53	8.7	ng	144333	6	20.05	333536	20.0
Hexacosane	21.36	7.8	ng	130764	6	20.05	333536	20.0
unknown21.67	21.67	5.2	ng	87248	6	20.05	333536	20.0
unknown22.42	22.42	2.5	ng	42564	6	20.05	333536	20.0
1,2:4,5-Dibenzopy...	23.33	2.7	ng	45395	6	20.05	333536	20.0