LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

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-BF120415.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	6.087	382	385	390	rBV	1035340	2183947	1.14%	0.163%
2	6.407	410	413	419	rBV	1102605	2236109	1.16%	0.167%
3	7.379	496	498	501	rBV	1136857	2013905	1.05%	0.150%
4	7.676	517	524	526	rBV	6787950	14569533	7.57%	1.085%
5	8.213	568	571	578	rVB	2942916	5072003	2.64%	0.378%
6	8.785	614	621	623	rBV	6673029	12251067	6.37%	0.912%
7	8.933	629	634	636	rBV	4940822	9906842	5.15%	0.738%
8	9.528	678	686	688	rBV	4498612	7891605	4.10%	0.588%
9	9.665	695	698	703	rVB	2396496	4352630	2.26%	0.324%
10	9.791	704	709	712	rBV	2979186	7205474	3.75%	0.537%
11	9.905	715	719	721	rBV	4051992	8206723	4.27%	0.611%
12	9.951	721	723	727	rVB	3717498	5059395	2.63%	0.377%
13	10.088	731	735	739	rBV	2349369	4980438	2.59%	0.371%
14	10.213	742	746	754	rVB2	2888035	6886055	3.58%	0.513%
15	10.568	758	777	779	rBV2	12340323	64920045	33.75%	4.835%
16	10.625	779	782	787	rVB2	2578386	5989804	3.11%	0.446%
17	10.716	787	790	792	rBV	1919751	3371686	1.75%	0.251%
18	10.842	792	801	809	rVB3	10361205	43434414	22.58%	3.235%
19	10.979	809	813	815	rBV2	1528773	2500526	1.30%	0.186%
20	11.025	815	817	820	rBV	1783997	2381825	1.24%	0.177%
21	11.128	822	826	829	rBV2	1049124	2923792	1.52%	0.218%
22	11.425	835	852	853	rBV	11567854	62203068	32.34%	4.633%
23	11.471	853	856	857	rVV2	3599636	7927001	4.12%	0.590%
24	11.516	857	860	862	rVV2	6685961	14445378	7.51%	1.076%
25	11.585	864	866	867	rVB	4593175	5764899	3.00%	0.429%
26	11.642	867	871	874	rVB	7122255	13737664	7.14%	1.023%
27	11.779	877	883	885	rBV	7274447	20591381	10.71%	1.534%
28	11.825	885	887	890	rVB2	3015118	5142104	2.67%	0.383%
29	11.962	895	899	903	rVB2	1331350	3120828	1.62%	0.232%
30	12.076	903	909	913	rBV5	1254780	4307166	2.24%	0.321%
31	12.168	913	917	919	rBV2	1323253	2499581	1.30%	0.186%
32	12.259	919	925	927	rBV	5578970	17248251	8.97%	1.285%
33	12.294	927	928	932	rVB2	1912420	3073790	1.60%	0.229%
34	12.385	932	936	937	rVB2	3021990	5793315	3.01%	0.431%

LSC Area Percent Report

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Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.419	937	939	941	rVB	1971614	2124298	1.10%	0.158%
36	12.477	941	944	946	rBV	3195447	7440358	3.87%	0.554%
37	12.717	956	965	971	rBV2	6805422	35595967	18.51%	2.651%
38	13.197	977	1007	1008	rBV	13365528	192340506	100.00%	14.326%
39	13.437	1016	1028	1032	rBV3	8197284	45216722	23.51%	3.368%
40	13.505	1032	1034	1038	rVV4	3871670	7971567	4.14%	0.594%
41	13.608	1038	1043	1046	rVB3	2212183	5573858	2.90%	0.415%
42	13.768	1051	1057	1058	rBV	6023838	18404273	9.57%	1.371%
43	14.020	1068	1079	1082	rVB3	9638338	56910907	29.59%	4.239%
44	14.134	1087	1089	1092	rBV	1594553	3483736	1.81%	0.259%
45	14.271	1095	1101	1103	rBV	6881919	20425665	10.62%	1.521%
46	14.362	1106	1109	1111	rBV	2445614	4845725	2.52%	0.361%
47	14.488	1116	1120	1122	rVV2	5839459	20446790	10.63%	1.523%
48	14.534	1122	1124	1130	rVB3	5722072	14878691	7.74%	1.108%
49	14.648	1131	1134	1136	rBV	1885940	3843909	2.00%	0.286%
50	14.694	1136	1138	1142	rVB	1297894	2828113	1.47%	0.211%
51	15.071	1150	1171	1174	rBV3	12301103	130711800	67.96%	9.735%
52	15.208	1181	1183	1188	rVB	2825270	4996562	2.60%	0.372%
53	15.425	1188	1202	1204	rBV	12117999	87350900	45.41%	6.506%
54	15.585	1212	1216	1218	rBV	5861669	11698263	6.08%	0.871%
55	15.620	1218	1219	1222	rVV	2326313	2892103	1.50%	0.215%
56	15.711	1222	1227	1231	rVB3	4552136	12921037	6.72%	0.962%
57	15.848	1234	1239	1240	rBV2	4334186	12363926	6.43%	0.921%
58	15.894	1240	1243	1246	rVB	5708757	15497203	8.06%	1.154%
59	16.008	1246	1253	1255	rBV	4820093	18674579	9.71%	1.391%
60	16.065	1255	1258	1262	rVB2	4851957	11758802	6.11%	0.876%
61	16.180	1265	1268	1269	rVB	2615026	4135278	2.15%	0.308%
62	16.214	1269	1271	1278	rVB3	3666151	9681965	5.03%	0.721%
63	16.363	1281	1284	1286	rVB2	1660339	3263143	1.70%	0.243%
64	16.420	1286	1289	1293	rBV3	1802069	5189286	2.70%	0.386%
65	16.500	1293	1296	1301	rVB2	2151886	5744056	2.99%	0.428%
66	16.660	1305	1310	1315	rVB	2493848	9463985	4.92%	0.705%
67	16.808	1315	1323	1325	rBV4	4491480	18836467	9.79%	1.403%
68	16.854	1325	1327	1329	rBV	2001636	2638442	1.37%	0.197%
69	16.991	1332	1339	1341	rBV2	6167094	20559731	10.69%	1.531%
70	17.128	1347	1351	1352	rBV	4665876	11954927	6.22%	0.890%
71	17.186	1352	1356	1357	rBV2	3648129	8155053	4.24%	0.607%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.300	1363	1366	1368	rVB2	4009704	7199712	3.74%	0.536%
73	17.346	1368	1370	1374	rVV3	722038	2330689	1.21%	0.174%
74	17.414	1374	1376	1378	rVV	2647078	3621394	1.88%	0.270%
75	17.448	1378	1379	1382	rVB2	1688800	2454672	1.28%	0.183%
76	17.631	1392	1395	1396	rVV	2790162	4584412	2.38%	0.341%
77	17.666	1396	1398	1400	rVV2	2231605	3177831	1.65%	0.237%
78	17.711	1400	1402	1406	rVV3	2551768	6508538	3.38%	0.485%
79	17.780	1406	1408	1411	rVV3	3107905	6636688	3.45%	0.494%
80	18.031	1426	1430	1432	rBV2	1507544	3288237	1.71%	0.245%
81	18.214	1441	1446	1451	rVB4	2212696	5964556	3.10%	0.444%
82	18.386	1451	1461	1466	rVV2	6336311	28150969	14.64%	2.097%
83	18.466	1466	1468	1471	rVV	1584390	2400199	1.25%	0.179%
84	18.626	1478	1482	1484	rVV	3768535	8004454	4.16%	0.596%
85	18.683	1484	1487	1490	rVV2	4022748	8812102	4.58%	0.656%
86	18.751	1490	1493	1497	rVB3	1873306	2666578	1.39%	0.199%
87	19.814	1580	1586	1589	rBV3	701249	2056661	1.07%	0.153%
88	19.963	1595	1599	1603	rVV2	2401169	6655372	3.46%	0.496%
89	20.329	1627	1631	1639	rVB	1331637	3119683	1.62%	0.232%

Sum of corrected areas: 1342643584

LSC Report - Integrated Chromatogram

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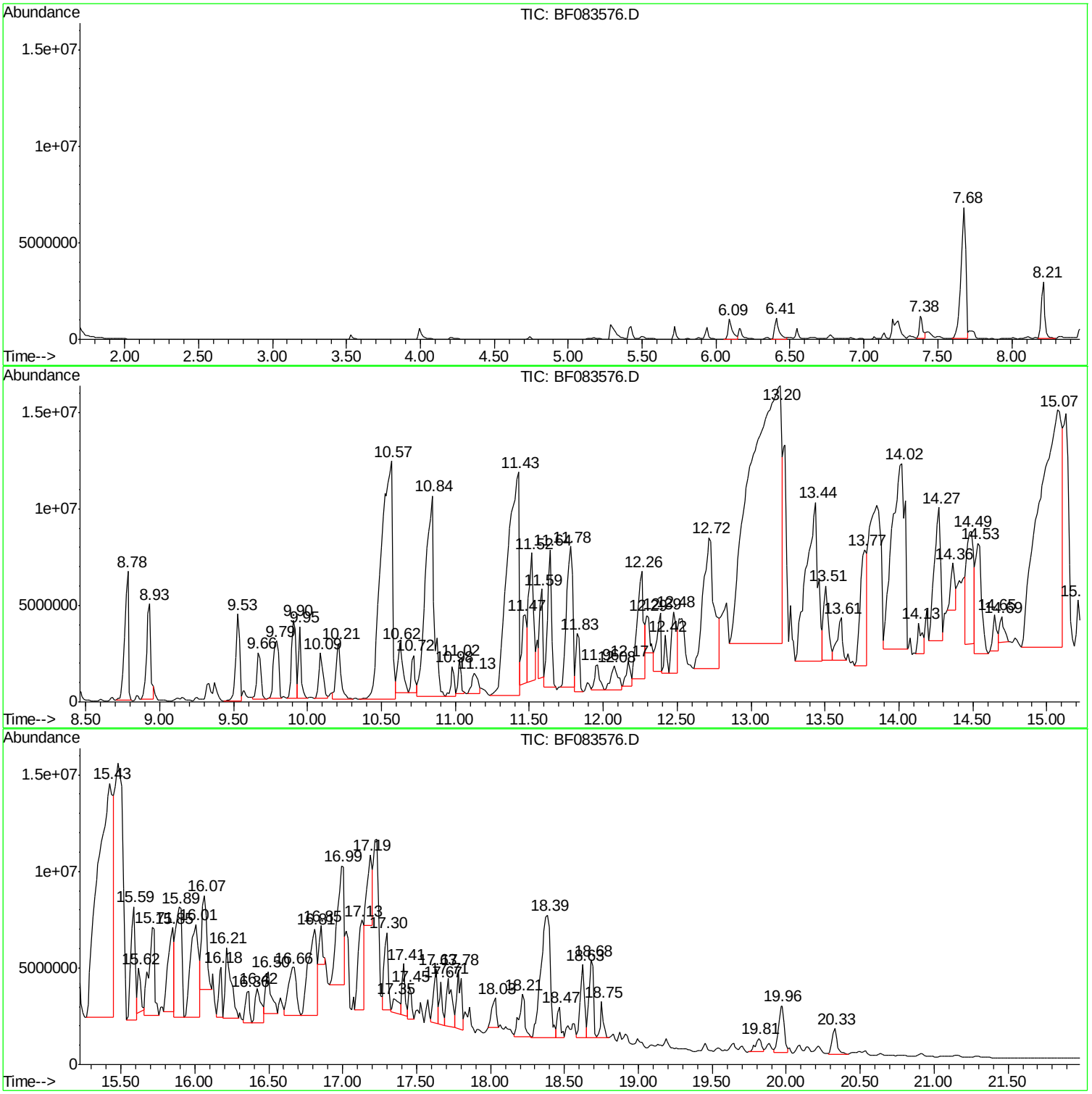
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

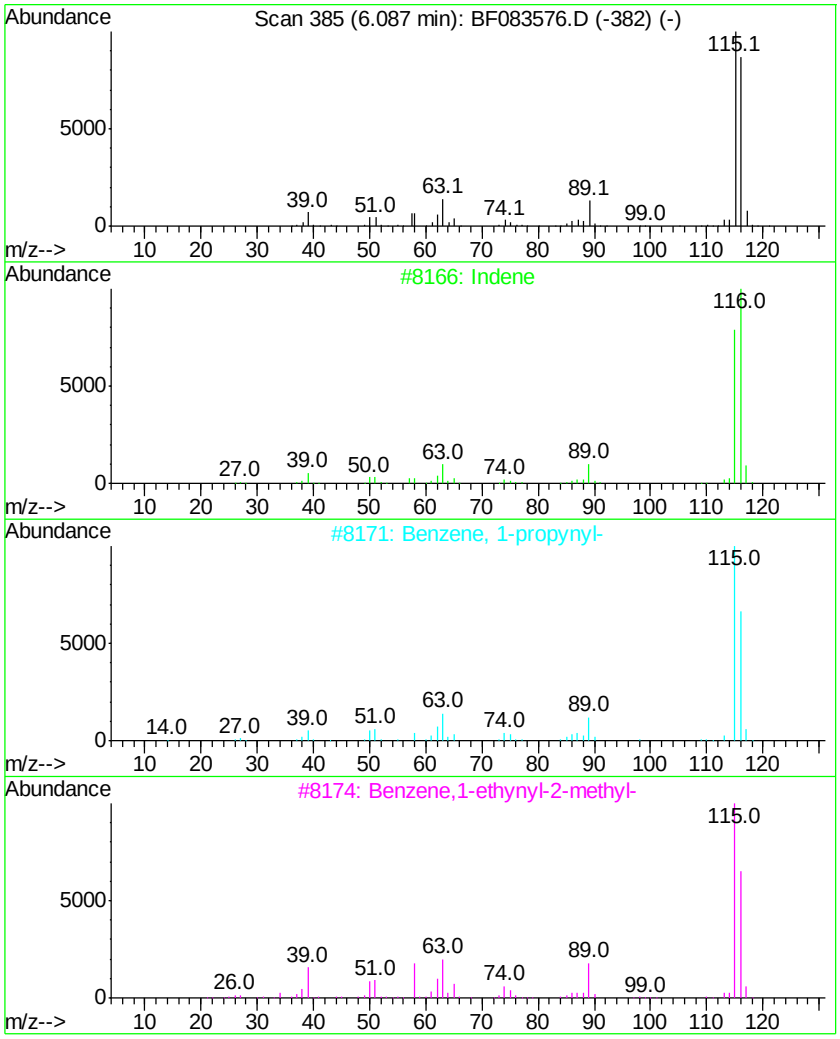
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

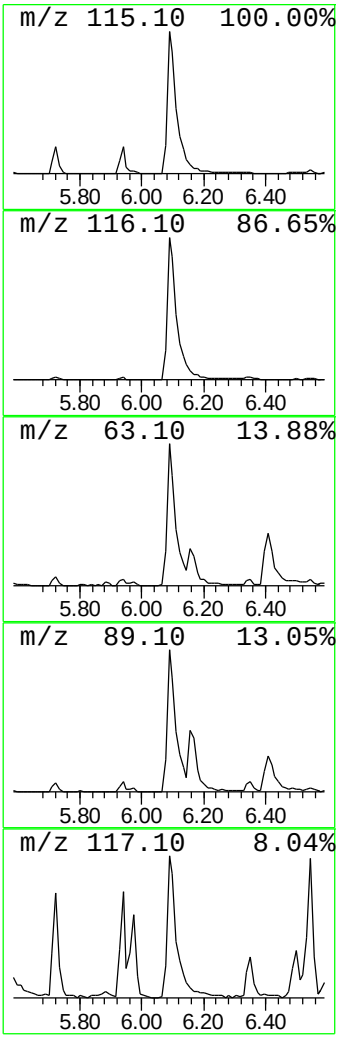
****

Peak Number 1 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	20.00 ng	2183950	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

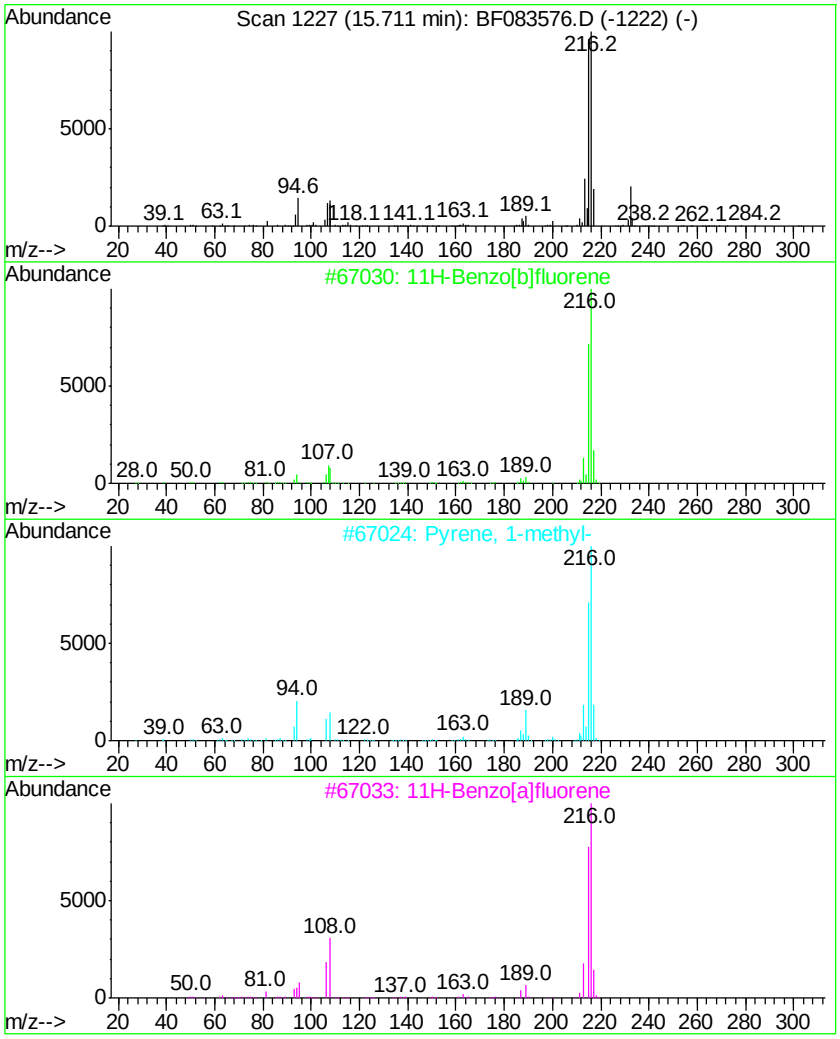
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

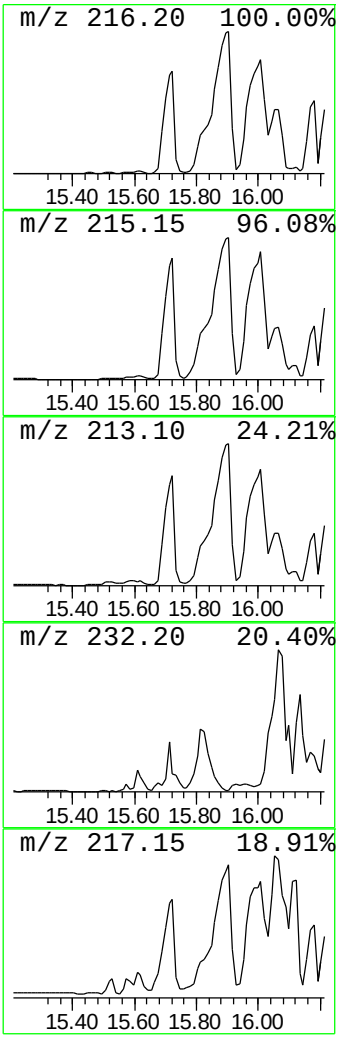
****

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	31.69 ng	12921000	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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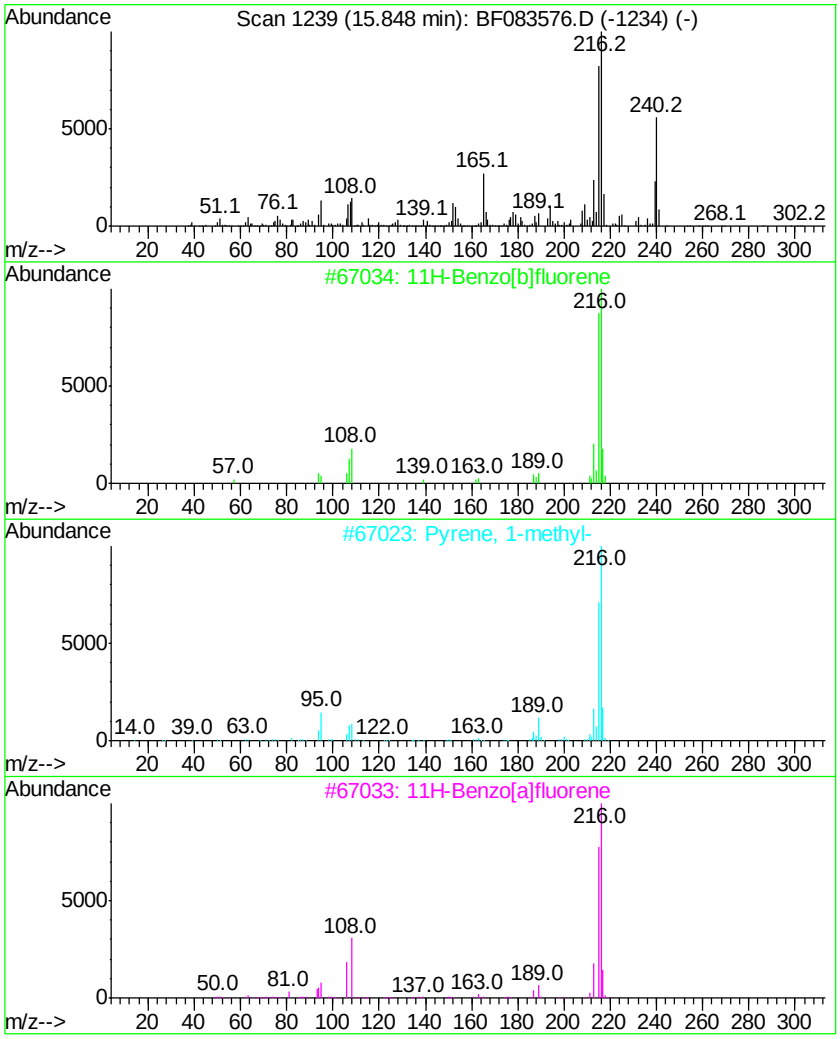
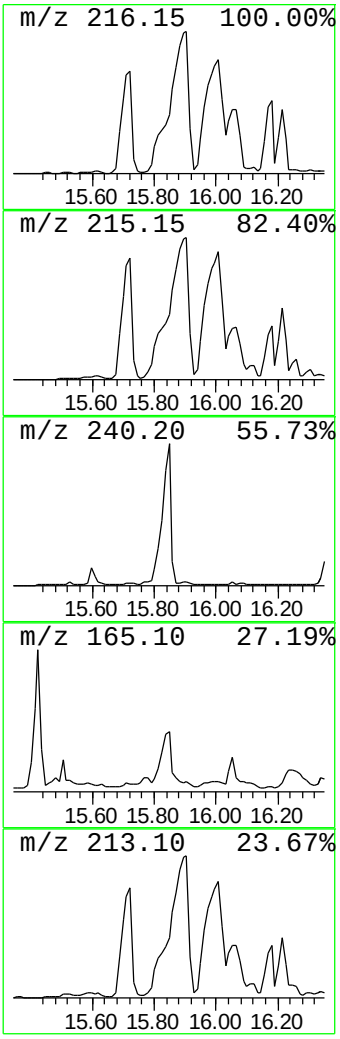
Peak Number 4 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	30.32 ng	12363900	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	35





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Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

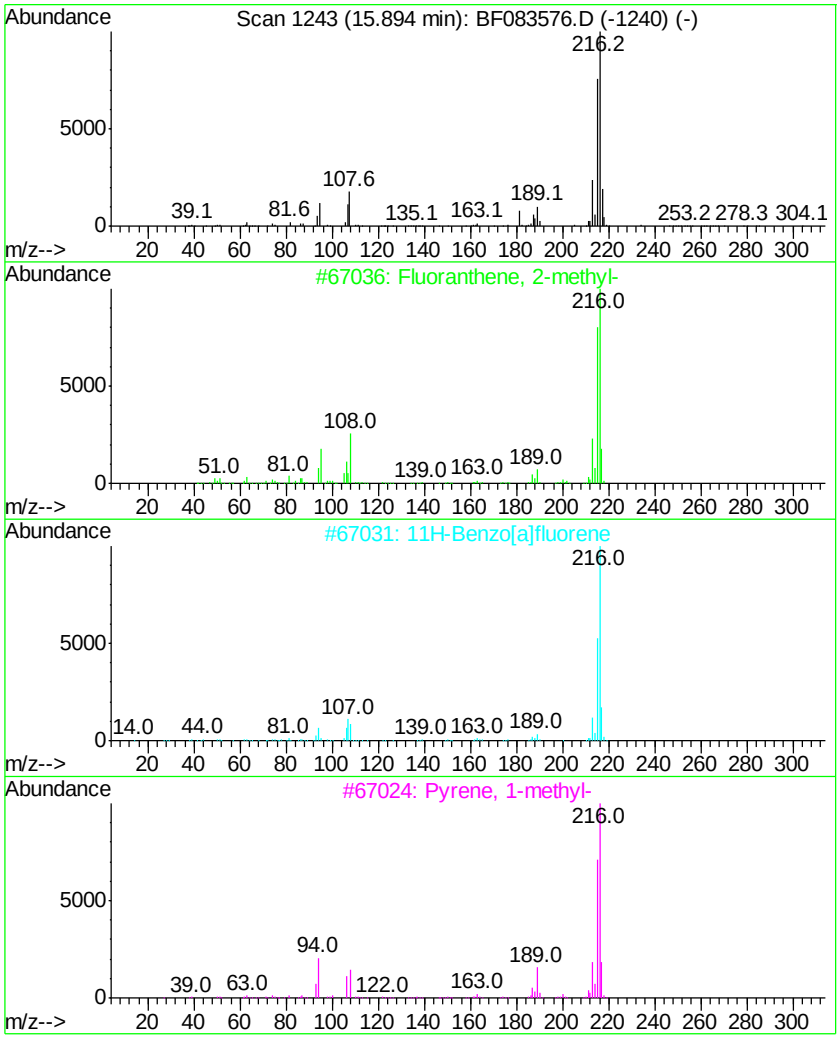
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

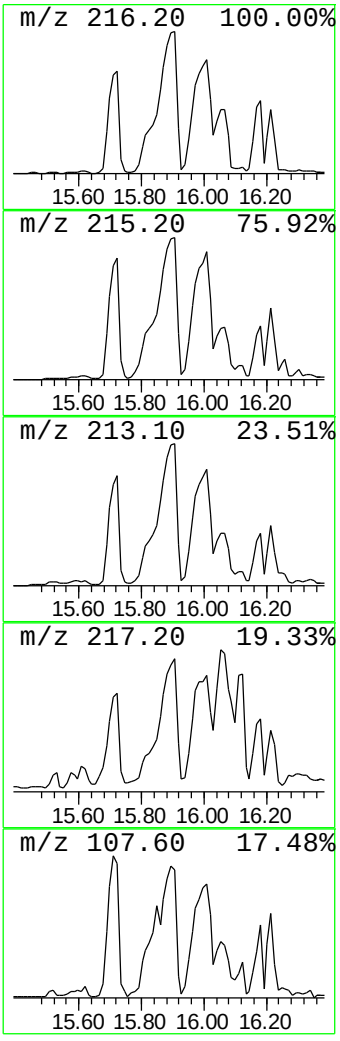
****

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	38.01 ng	15497200	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

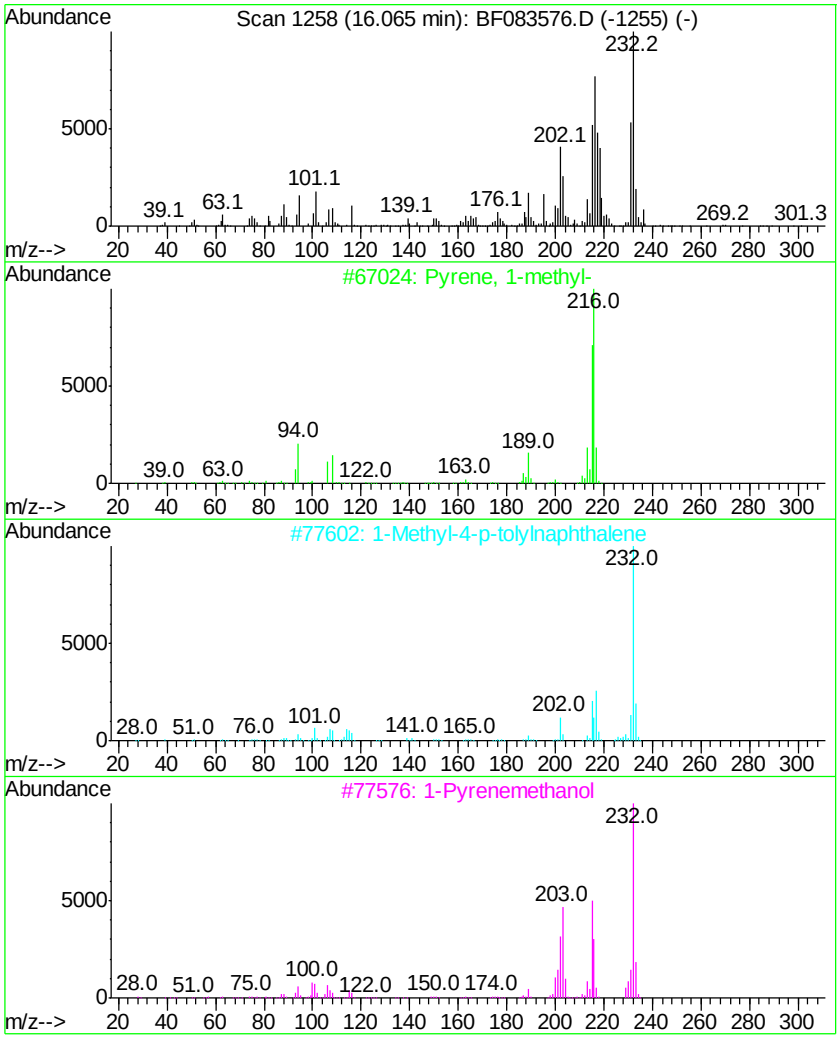
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

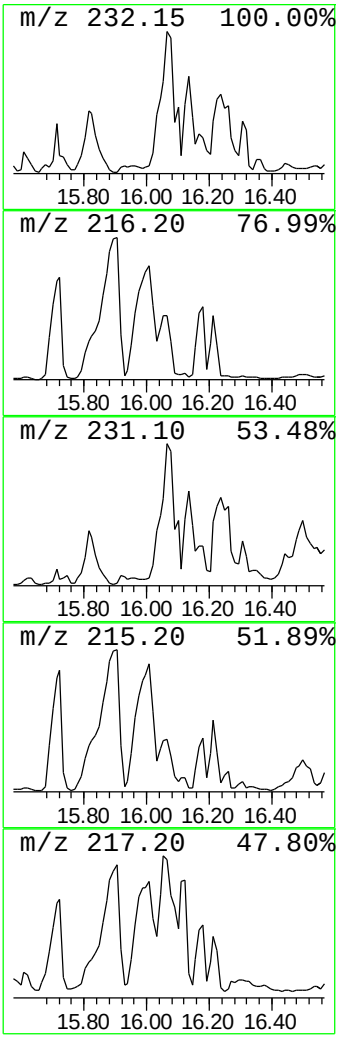
****

Peak Number 7 1-Methyl-4-p-tolylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	28.84 ng	11758800	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	53
3	1-Pyrenemethanol	232	C17H12O	024463-15-8	43
4	1,2,3,4-Tetrahydrobenz[a]anthracene	232	C18H16	004483-98-1	43
5	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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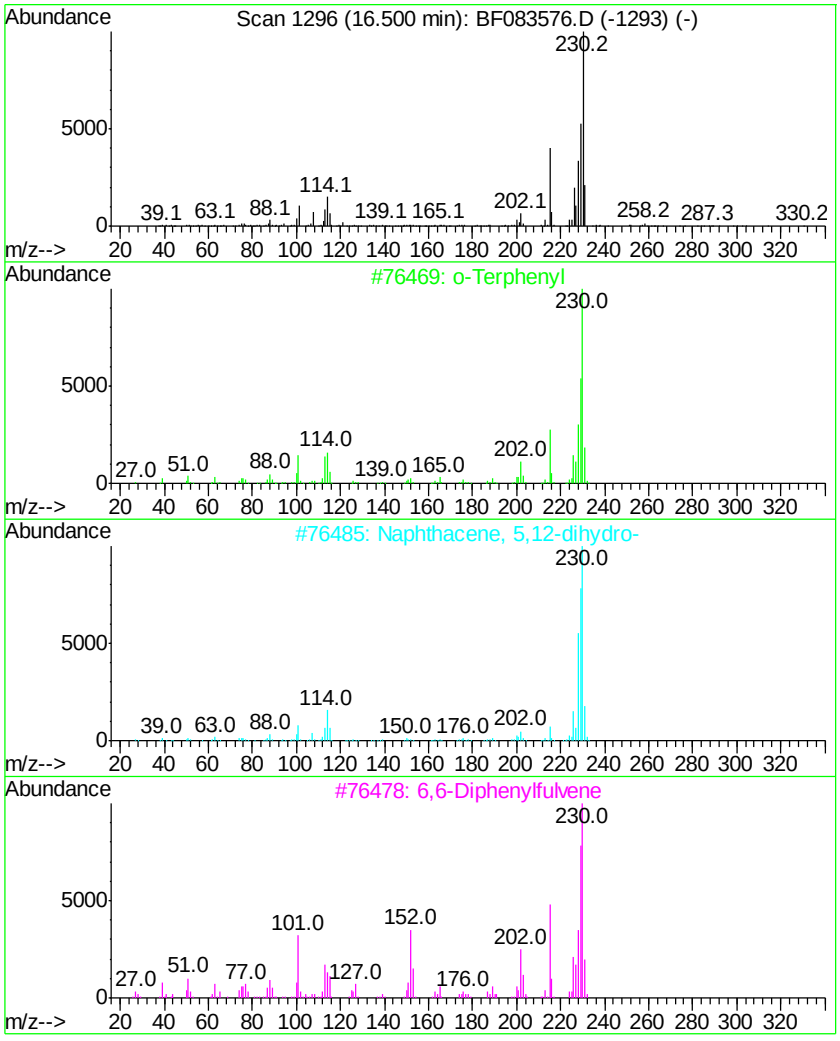
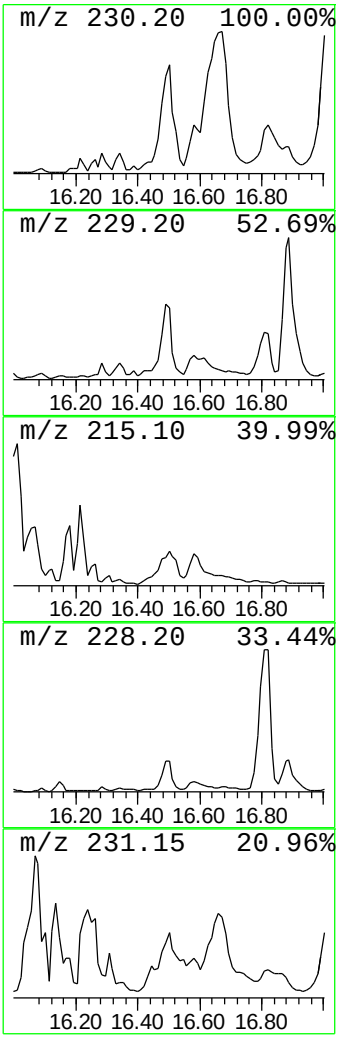
Peak Number 9 o-Terphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	14.09 ng	5744060	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	90
2	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	64
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	59
4	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	49
5	p-Terphenyl	230	C18H14	000092-94-4	43





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Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

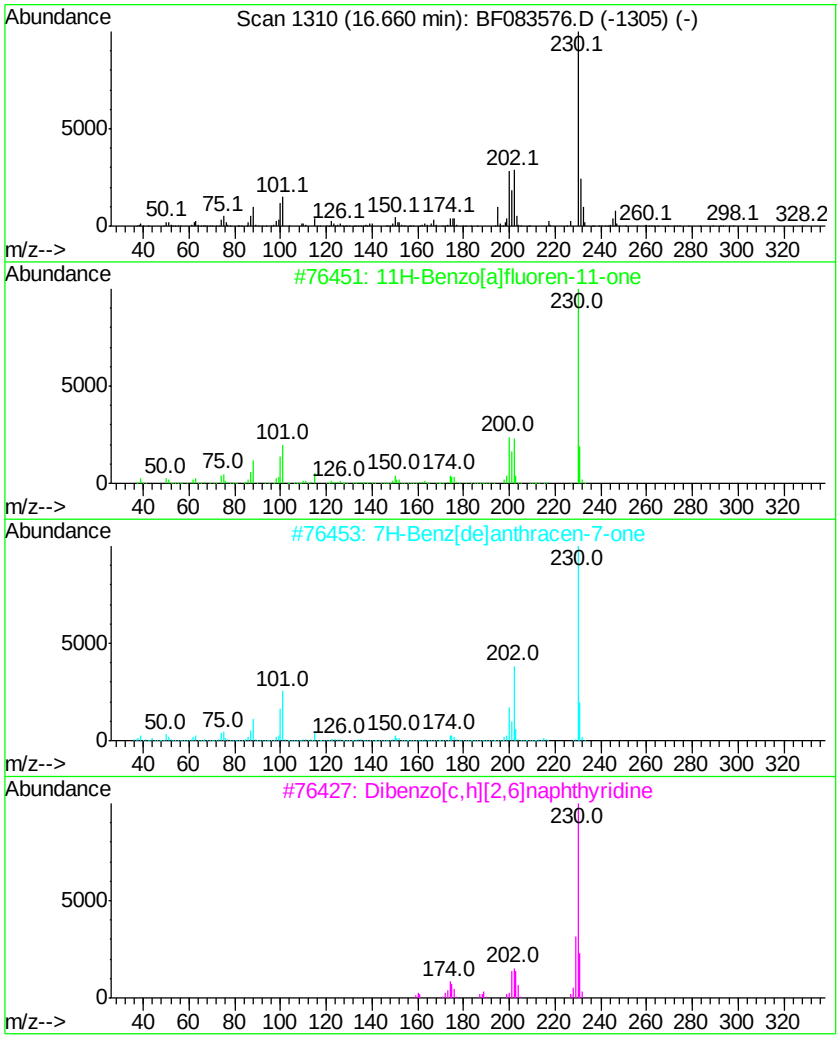
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

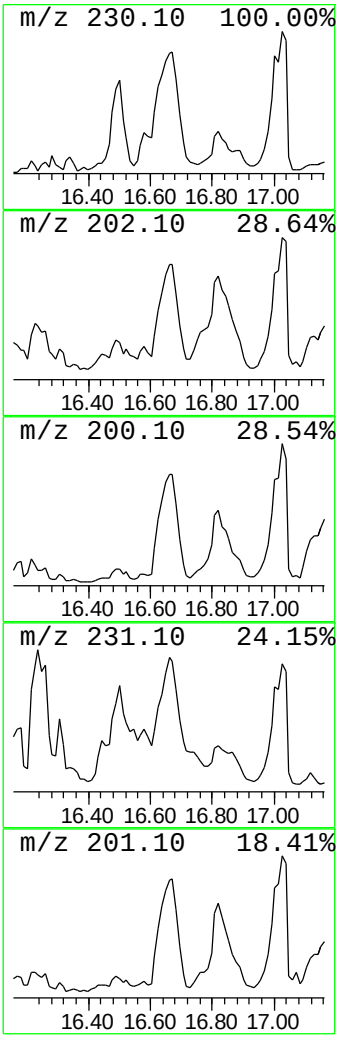
****

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	23.21 ng	9463990	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	52
5	o-Terphenyl	230	C18H14	000084-15-1	50





Library Search Compound Report

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Acq On : 8 Dec 2015 00:57
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Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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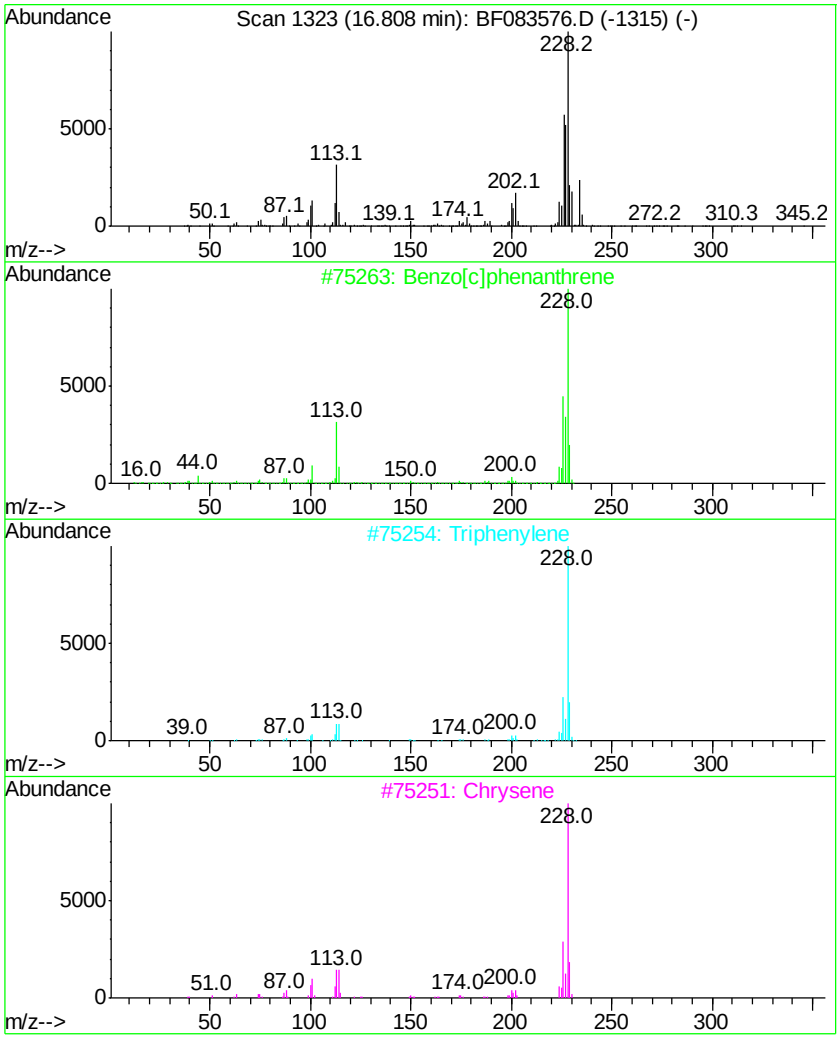
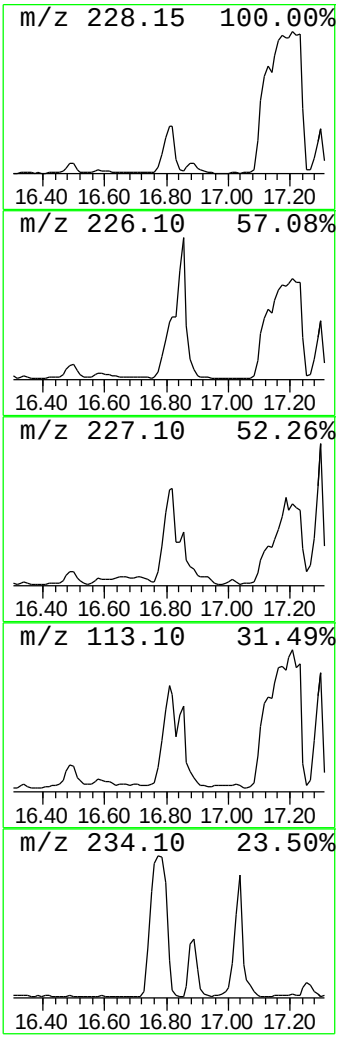
Peak Number 11 Benzo[c]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	46.20 ng	18836500	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
2	Triphenylene	228	C18H12	000217-59-4	60
3	Chrysene	228	C18H12	000218-01-9	50
4	Benz[a]anthracene	228	C18H12	000056-55-3	50
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	47





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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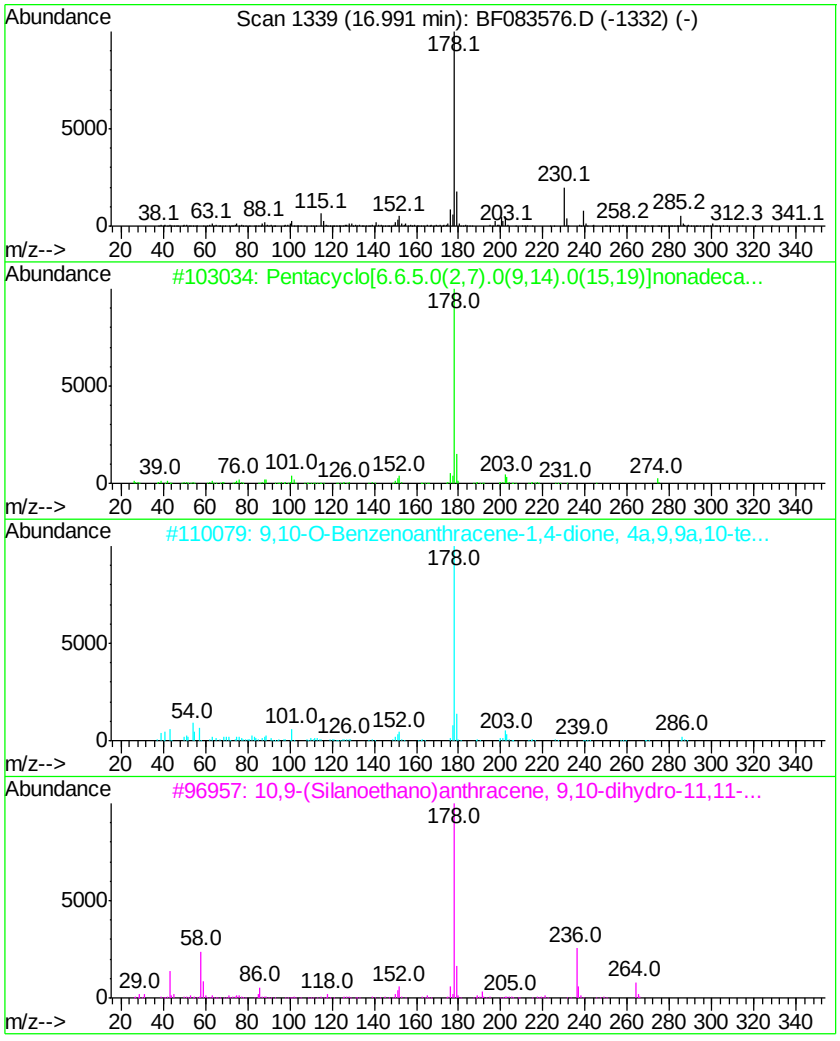
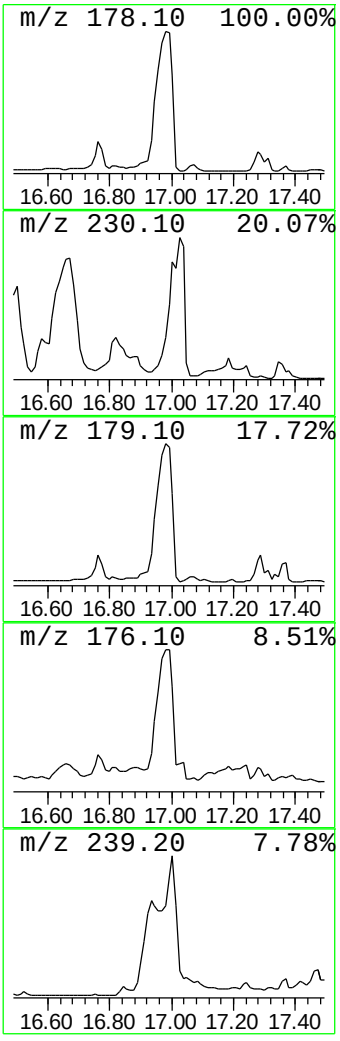
Peak Number 12 Pentacyclo[6.6.5.0(2,7).0(9... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	50.42 ng	20559700	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacyclo[6.6.5.0(2,7).0(9,14)....	274	C19H14O2	111501-02-1	53
2	9,10-O-Benzenoanthracene-1,4-dio...	286	C20H14O2	001711-46-2	53
3	10,9-(Silanoethano)anthracene, 9...	264	C18H20Si	110551-70-7	50
4	Diphenylethyne	178	C14H10	000501-65-5	50
5	4-Hydroxy-5-methyl-3-phenyl-.del...	178	C9H10N2O2	016227-04-6	50





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Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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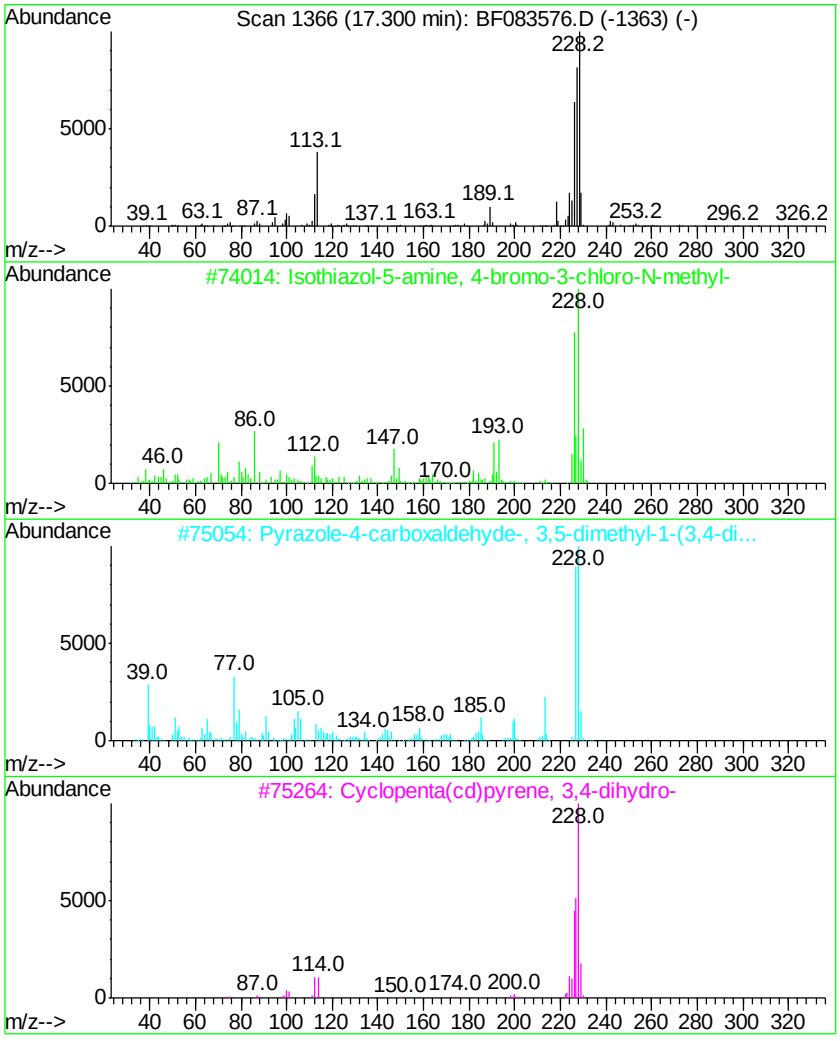
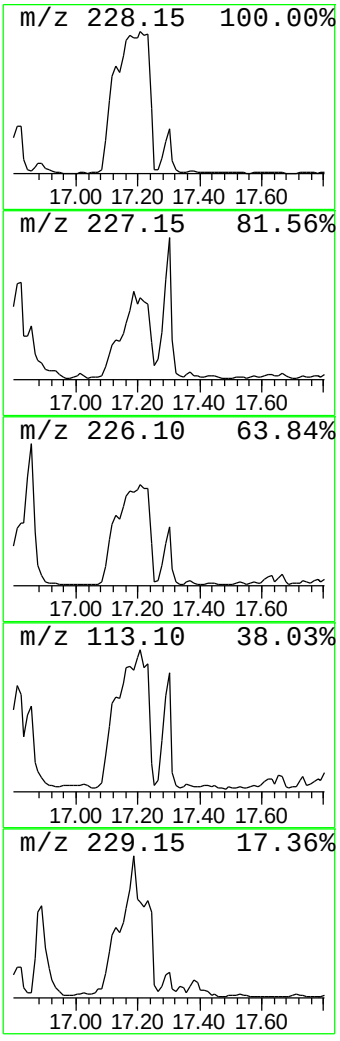
Peak Number 13 unknown17.30 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	17.66 ng	7199710	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	37
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	35





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Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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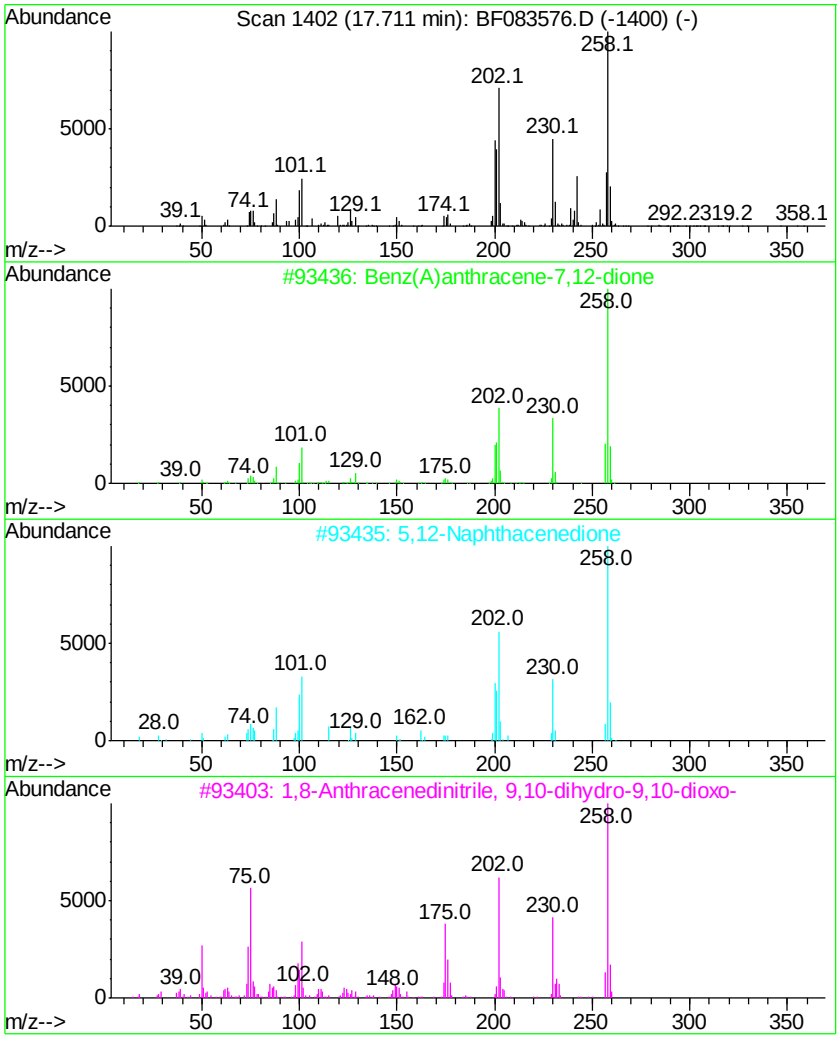
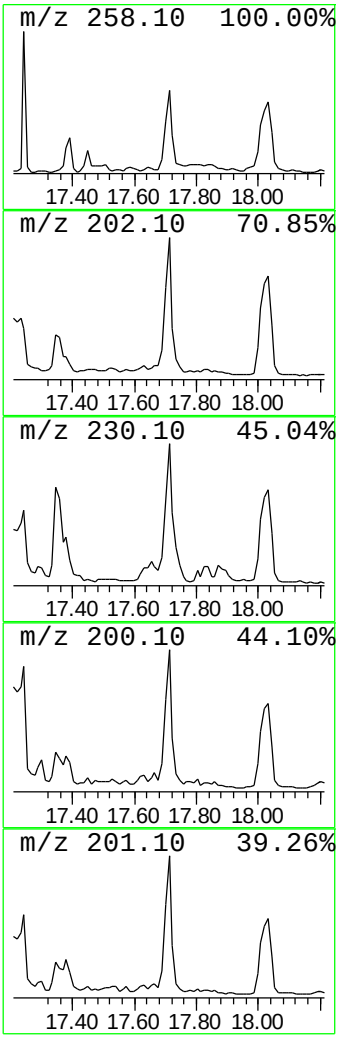
Peak Number 14 Benz(A)anthracene-7,12-dione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	15.96 ng	6508540	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
3	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	58
4	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	56
5	Benzo[1,2-b:5,4-b']bisbenzofuran	258	C18H10O2	000241-36-1	43





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Sample : G4579-13
Misc :
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Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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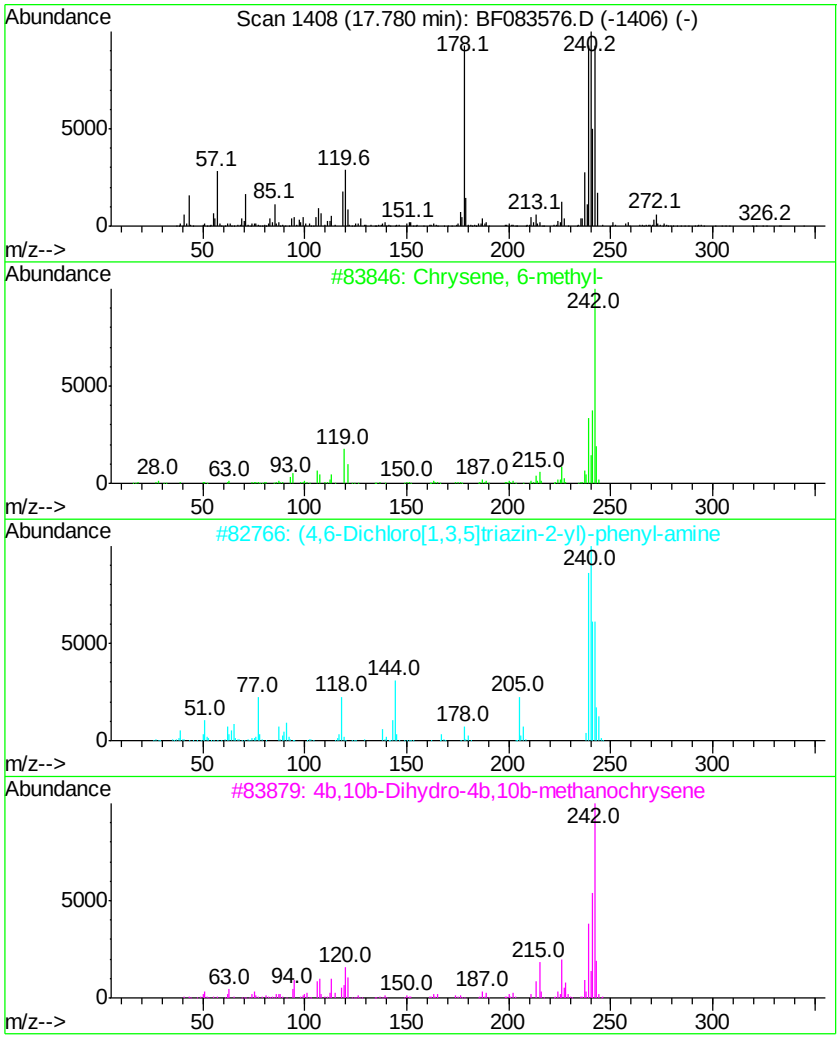
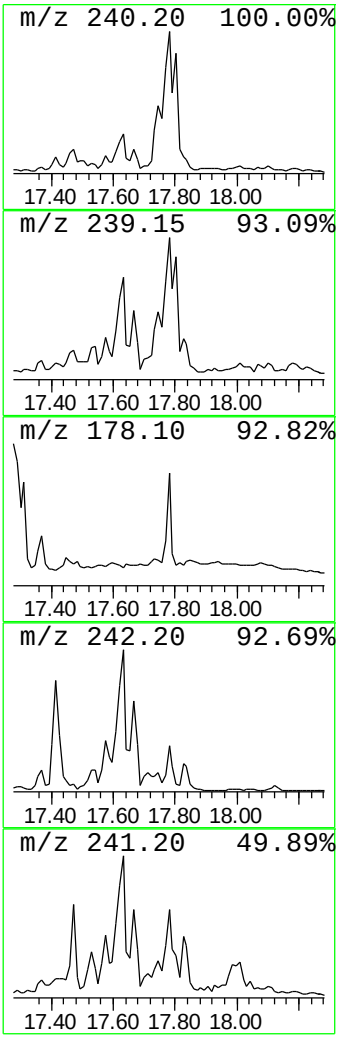
Peak Number 15 unknown17.78 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	16.28 ng	6636690	Chrysene-d12	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	47
2	(4,6-Dichloro[1,3,5]triazin-2-yl...	240	C9H6Cl2N4	002272-40-4	47
3	4b,10b-Dihydro-4b,10b-methanochr...	242	C19H14	071949-03-6	38
4	Chrysene, 6-methyl-	242	C19H14	003697-24-3	35
5	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	35





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Acq On : 8 Dec 2015 00:57
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Sample : G4579-13
Misc :
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ClientSampleId : SHED-SOUTH-WALL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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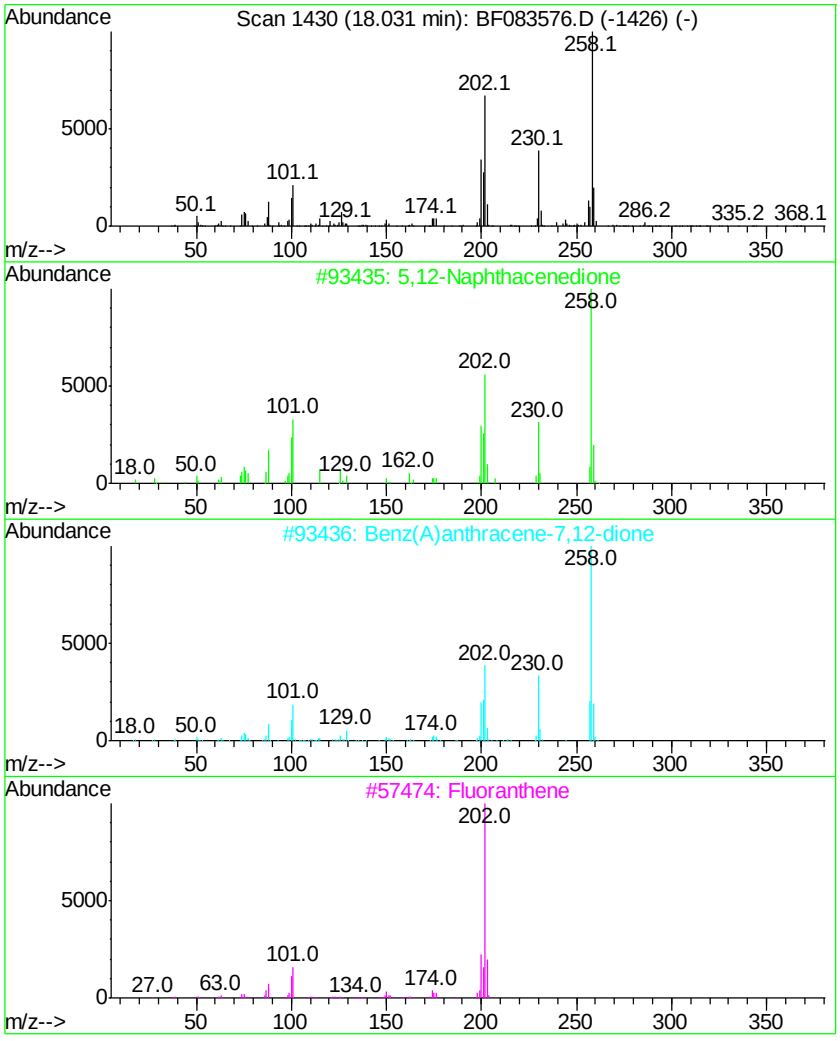
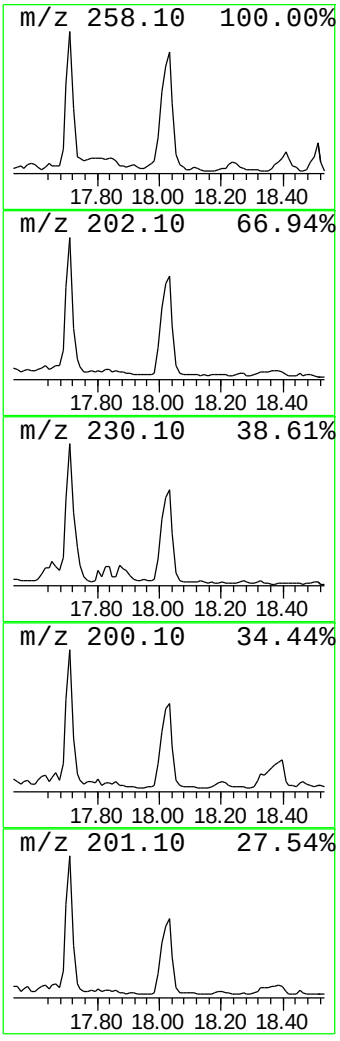
Peak Number 16 5,12-Naphthacenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	24.66 ng	3288240	Perylene-d12	18.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	95
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
3	Fluoranthene	202	C16H10	000206-44-0	90
4	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	74
5	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	74





Library Search Compound Report

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Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
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TIC Library : C:\DATABASE\NIST02.L
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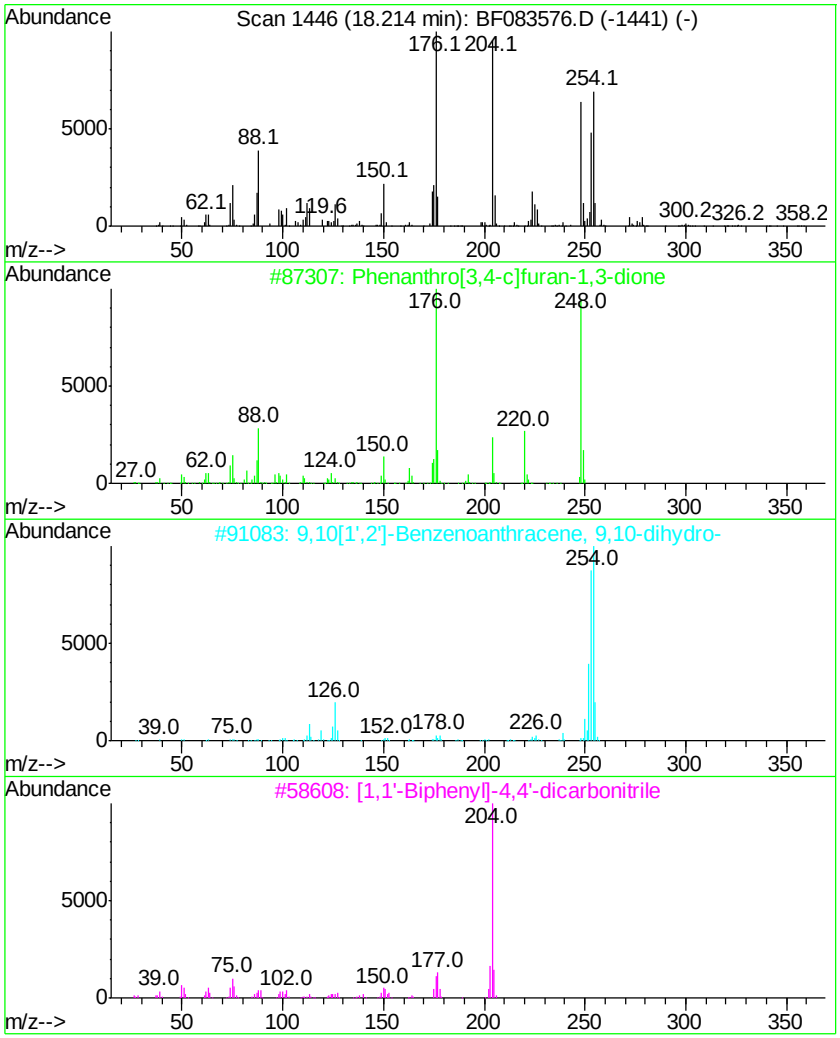
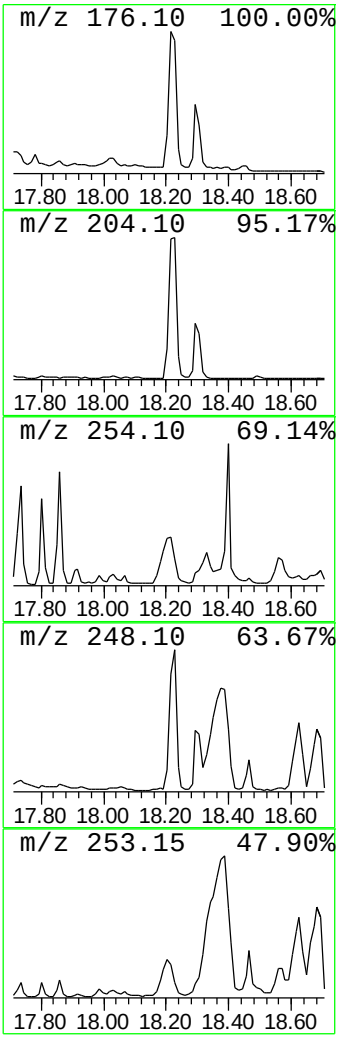
Peak Number 17 unknown18.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	44.74 ng	5964560	Perylene-d12	18.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	38
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	25
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	16
4	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	16
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	14





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Sample : G4579-13
Misc :
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Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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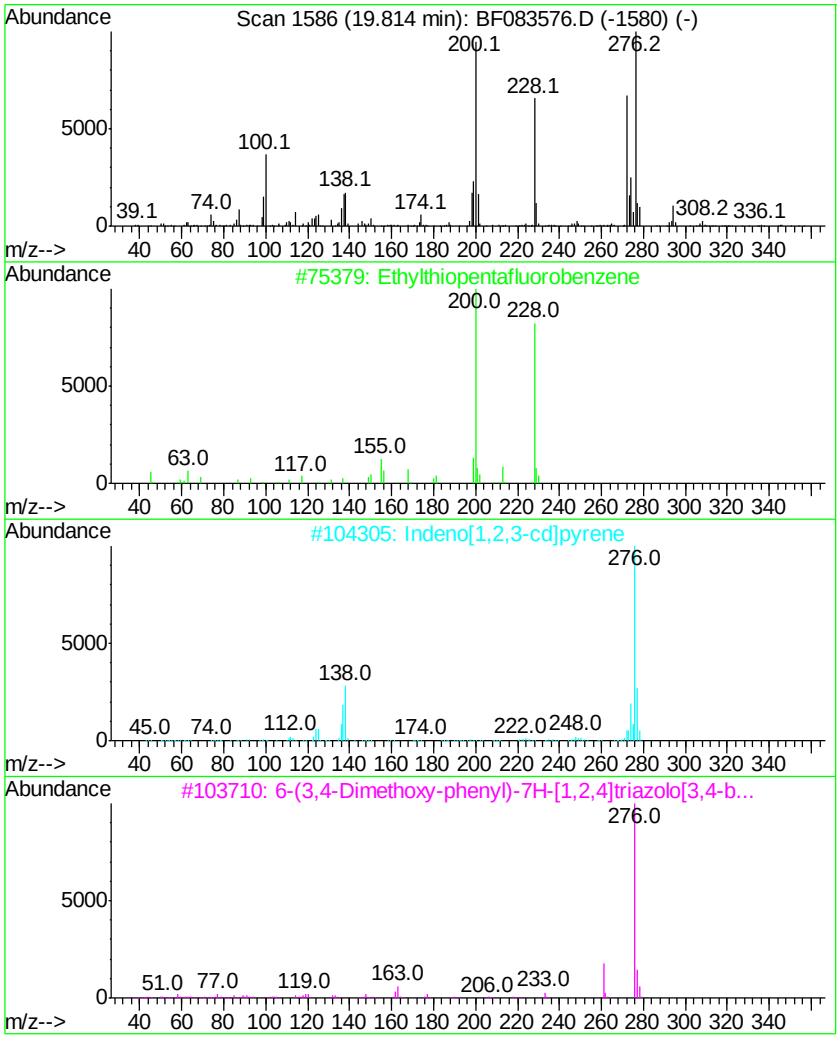
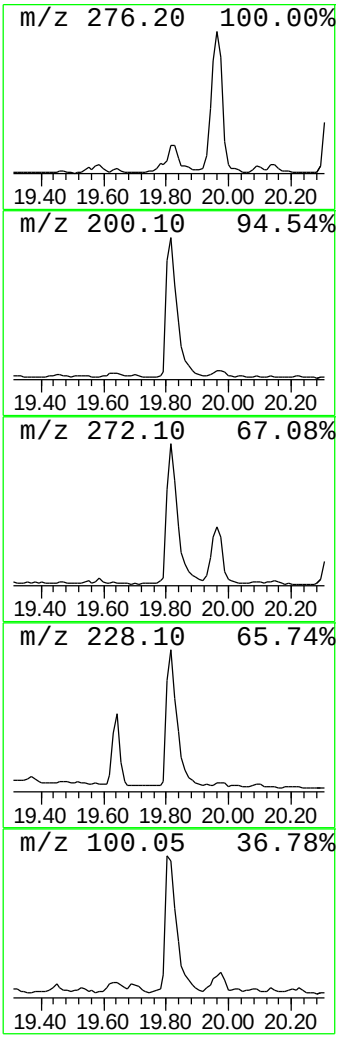
Peak Number 20 unknown19.81 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	15.43 ng	2056660	Perylene-d12	18.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylthiopentafluorobenzene	228	C8H5F5S	033288-21-0	27
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	18
3	6-(3,4-Dimethoxy-phenyl)-7H-[1,2...	276	C12H12N4O2S	1000296-29-6	14
4	Benzenethiol, pentafluoro-	200	C6HF5S	000771-62-0	14
5	4-Penten-1-ol, 5-phenyl-3-piperi...	245	C16H23NO	1000196-83-1	11





Tentatively Identified Compound (LSC) summary

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Operator : UM/IZ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indene	6.09	20.0	ng	2183950	1	5.72	2183950	20.0
11H-Benzo[b]fluorene	15.71	31.7	ng	12921000	5	17.20	8155050	20.0
Pyrene, 1-methyl-	15.85	30.3	ng	12363900	5	17.20	8155050	20.0
Fluoranthene, 2-m...	15.89	38.0	ng	15497200	5	17.20	8155050	20.0
1-Methyl-4-p-toly...	16.07	28.8	ng	11758800	5	17.20	8155050	20.0
o-Terphenyl	16.50	14.1	ng	5744060	5	17.20	8155050	20.0
11H-Benzo[a]fluor...	16.66	23.2	ng	9463990	5	17.20	8155050	20.0
Benzo[c]phenanthrene	16.81	46.2	ng	18836500	5	17.20	8155050	20.0
Pentacyclo[6.6.5....	16.99	50.4	ng	20559700	5	17.20	8155050	20.0
unknown17.30	17.30	17.7	ng	7199710	5	17.20	8155050	20.0
Benz(A)anthracene...	17.71	16.0	ng	6508540	5	17.20	8155050	20.0
unknown17.78	17.78	16.3	ng	6636690	5	17.20	8155050	20.0
5,12-Naphthacened...	18.03	24.7	ng	3288240	6	18.73	2666580	20.0
unknown18.21	18.21	44.7	ng	5964560	6	18.73	2666580	20.0
unknown19.81	19.81	15.4	ng	2056660	6	18.73	2666580	20.0