LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

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-BF110316.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	1.778	7	8	32	rVB	2699812	6046459	100.00%	6.652%
2	2.121	33	38	57	rVB	1010599	1710018	28.28%	1.881%
3	4.853	274	277	292	rBV	737327	1216679	20.12%	1.338%
4	5.298	313	316	318	rBV	4181265	4830022	79.88%	5.313%
5	6.350	405	408	411	rBV	3814025	4504409	74.50%	4.955%
6	6.476	416	419	421	rBV	3670405	5104980	84.43%	5.616%
7	6.704	436	439	441	rBV	1010864	1379458	22.81%	1.518%
8	6.853	450	452	455	rBV	3541691	3673453	60.75%	4.041%
9	7.276	486	489	491	rBV	2194925	3274904	54.16%	3.603%
10	7.390	496	499	506	rVB	72799	136724	2.26%	0.150%
11	7.984	549	551	557	rBV	1899002	2069163	34.22%	2.276%
12	9.070	643	646	648	rBV	5353640	5470689	90.48%	6.018%
13	9.162	652	654	659	rVB2	30657	71735	1.19%	0.079%
14	9.470	678	681	683	rVV	1160014	1296884	21.45%	1.427%
15	9.596	690	692	695	rVB	60645	64416	1.07%	0.071%
16	9.687	695	700	702	rBV2	68820	116313	1.92%	0.128%
17	9.745	702	705	706	rBV	1627709	2159741	35.72%	2.376%
18	9.767	706	707	710	rVB	184734	197792	3.27%	0.218%
19	9.950	721	723	725	rBV	77720	131720	2.18%	0.145%
20	10.156	738	741	742	rBV2	48774	83365	1.38%	0.092%
21	10.179	742	743	745	rVB	121533	119655	1.98%	0.132%
22	10.282	750	752	756	rVB	170848	185422	3.07%	0.204%
23	10.396	759	762	765	rBV2	56408	102842	1.70%	0.113%
24	10.442	765	766	768	rVB2	59223	69624	1.15%	0.077%
25	10.533	771	774	776	rBV	2838644	3436474	56.83%	3.780%
26	10.659	782	785	788	rVB	177212	285573	4.72%	0.314%
27	10.842	796	801	806	rBV2	50665	182612	3.02%	0.201%
28	10.979	809	813	816	rBV4	48463	124378	2.06%	0.137%
29	11.025	816	817	820	rVV	133522	164813	2.73%	0.181%
30	11.116	822	825	829	rVB2	189597	365349	6.04%	0.402%
31	11.242	832	836	838	rBV2	2780270	4942025	81.73%	5.437%
32	11.299	838	841	843	rVV	467845	597458	9.88%	0.657%
33	11.459	852	855	859	rBV	301656	481263	7.96%	0.529%
34	11.528	859	861	862	rBV2	85219	105929	1.75%	0.117%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.551	862	863	866	rVB2	48390	65676	1.09%	0.072%
36	11.722	876	878	879	rBV	297714	283594	4.69%	0.312%
37	11.745	879	880	883	rVV2	257850	435891	7.21%	0.480%
38	11.791	883	884	886	rVV	88723	108621	1.80%	0.119%
39	11.836	886	888	893	rVB	366576	712329	11.78%	0.784%
40	11.939	893	897	900	rBV3	71661	197969	3.27%	0.218%
41	12.019	902	904	905	rVV	229907	215026	3.56%	0.237%
42	12.042	905	906	909	rVB	304309	278290	4.60%	0.306%
43	12.225	918	922	924	rVB3	55046	108842	1.80%	0.120%
44	12.271	924	926	927	rBV	166257	175710	2.91%	0.193%
45	12.305	927	929	932	rVB3	86556	188773	3.12%	0.208%
46	12.362	932	934	936	rBV	182073	245248	4.06%	0.270%
47	12.431	938	940	943	rBV	3799823	4437710	73.39%	4.882%
48	12.499	943	946	947	rVB2	46456	85077	1.41%	0.094%
49	12.579	950	953	955	rBV2	188592	248378	4.11%	0.273%
50	12.659	957	960	963	rBV	3882556	4340240	71.78%	4.775%
51	12.705	963	964	968	rVB2	110650	149532	2.47%	0.164%
52	12.774	968	970	971	rBV	131734	166522	2.75%	0.183%
53	12.808	971	973	976	rVB	4468849	4211678	69.66%	4.633%
54	12.876	976	979	981	rBV2	182748	291128	4.81%	0.320%
55	12.991	985	989	990	rVB2	236597	473377	7.83%	0.521%
56	13.048	990	994	996	rBV	166178	236306	3.91%	0.260%
57	13.082	996	997	1002	rVV2	197414	357237	5.91%	0.393%
58	13.185	1004	1006	1007	rBV	91444	119529	1.98%	0.131%
59	13.208	1007	1008	1010	rBV	124570	145980	2.41%	0.161%
60	13.494	1031	1033	1037	rVB	298040	303936	5.03%	0.334%
61	13.596	1040	1042	1044	rBV	290246	464085	7.68%	0.511%
62	13.711	1050	1052	1056	rVB2	427877	620386	10.26%	0.682%
63	13.848	1061	1064	1066	rBV2	2251969	4014688	66.40%	4.417%
64	13.962	1072	1074	1076	rVB	189807	193316	3.20%	0.213%
65	14.236	1096	1098	1100	rBV	139996	188541	3.12%	0.207%
66	14.545	1123	1125	1130	rBV3	96303	220878	3.65%	0.243%
67	14.705	1137	1139	1144	rVB3	99760	220717	3.65%	0.243%
68	14.865	1150	1153	1157	rBV	1643962	3106573	51.38%	3.418%
69	14.957	1159	1161	1163	rVB	215758	210053	3.47%	0.231%
70	15.128	1174	1176	1179	rVB	895848	1123460	18.58%	1.236%
71	15.185	1179	1181	1184	rVV	1165256	1434897	23.73%	1.579%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.242	1184	1186	1195	rVB2	1025551	1867209	30.88%	2.054%
73	15.528	1209	1211	1218	rVB2	90451	256399	4.24%	0.282%
74	16.385	1283	1286	1287	rBV2	78449	158558	2.62%	0.174%
75	16.557	1298	1301	1305	rVB	643928	1147437	18.98%	1.262%
76	16.625	1305	1307	1310	rVB	55480	99595	1.65%	0.110%
77	16.705	1311	1314	1317	rBV	107176	244574	4.04%	0.269%
78	16.762	1317	1319	1321	rVV2	89998	125779	2.08%	0.138%
79	16.945	1331	1335	1343	rBV	490688	1023364	16.93%	1.126%
80	17.163	1350	1354	1362	rVB2	101610	272653	4.51%	0.300%
81	18.946	1505	1510	1518	rVB	107093	373859	6.18%	0.411%
82	19.106	1519	1524	1528	rBV	72213	249539	4.13%	0.275%

Sum of corrected areas: 90901500

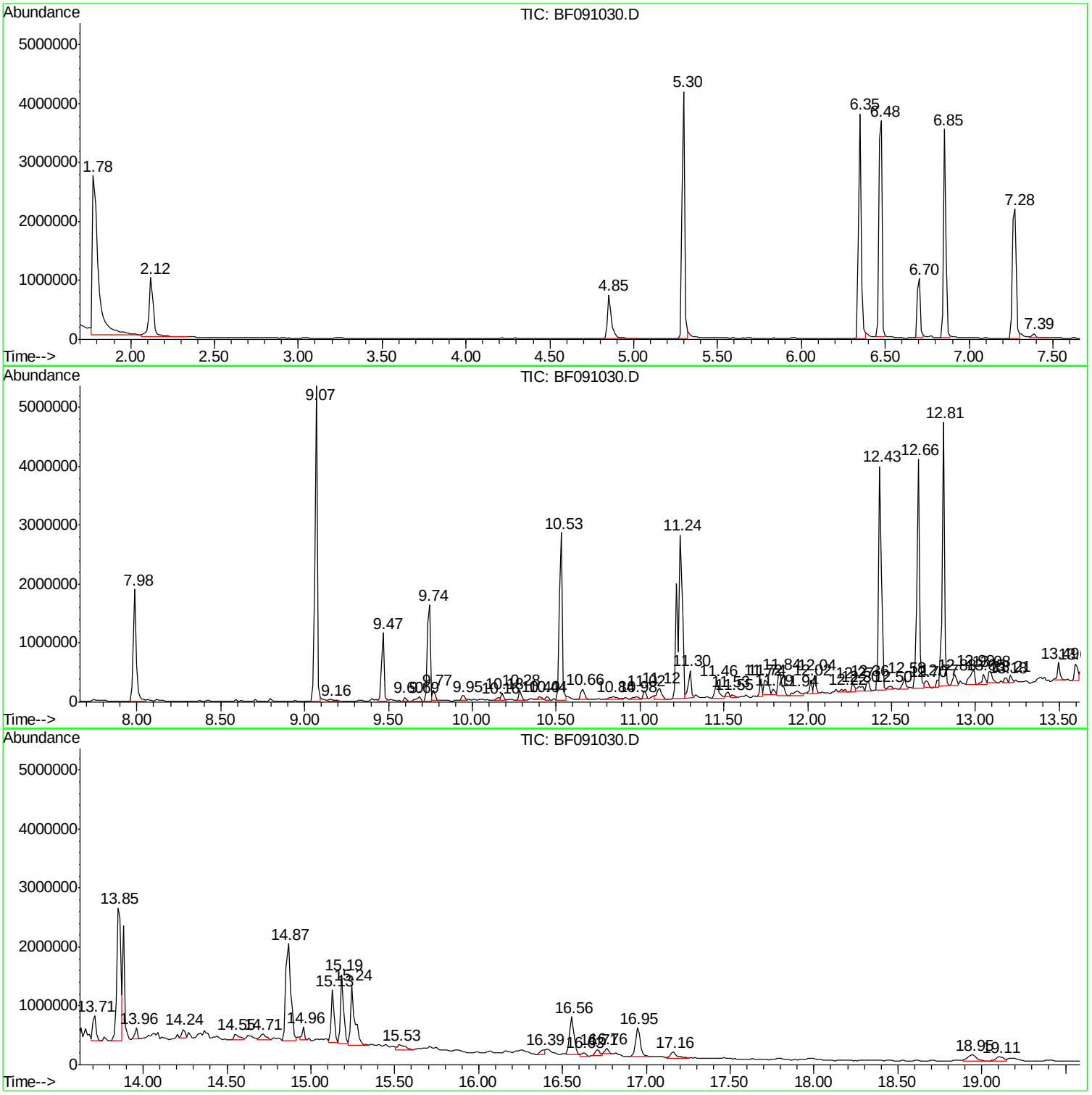
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

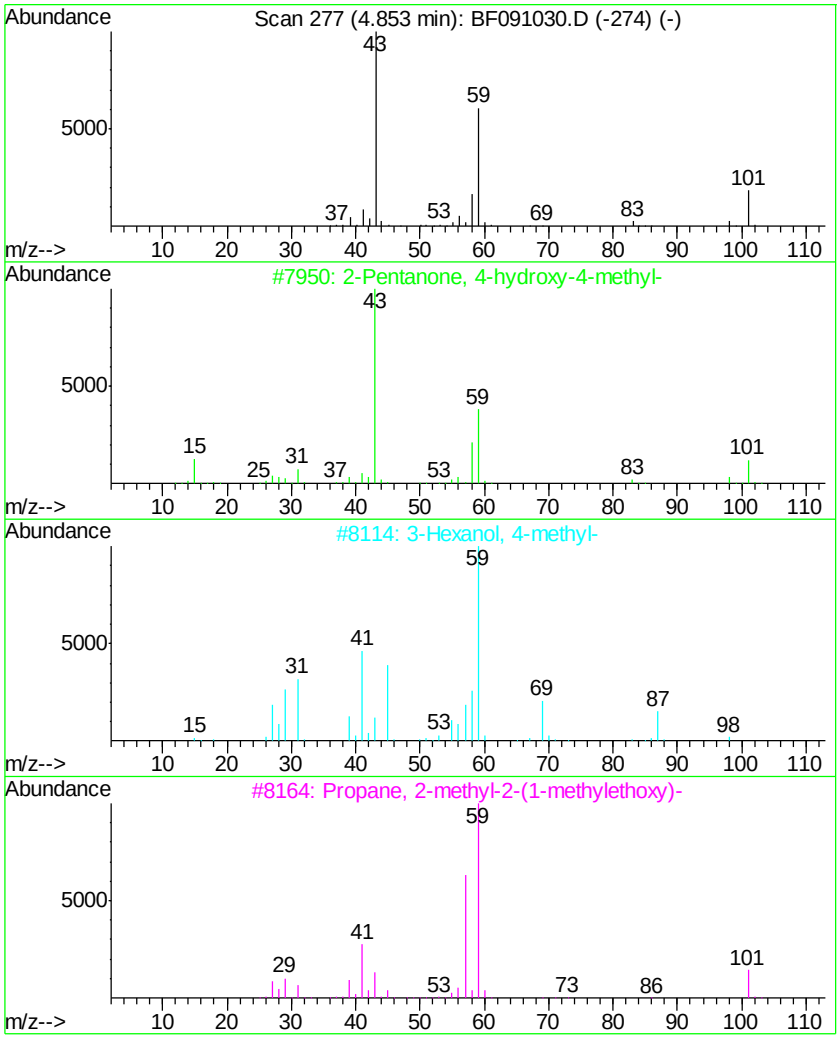
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

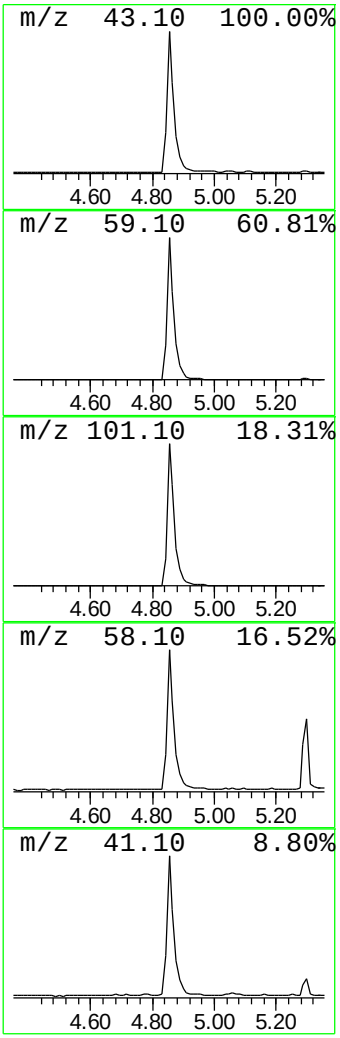
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	17.64 ng	1216680	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

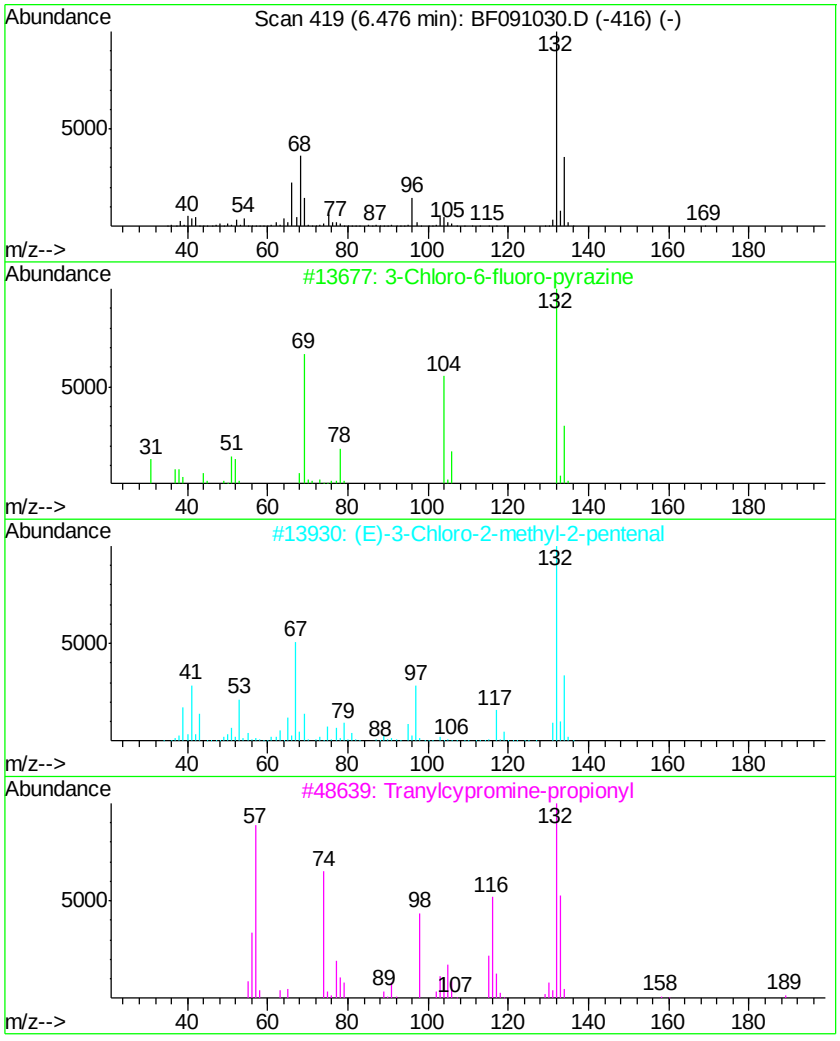
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

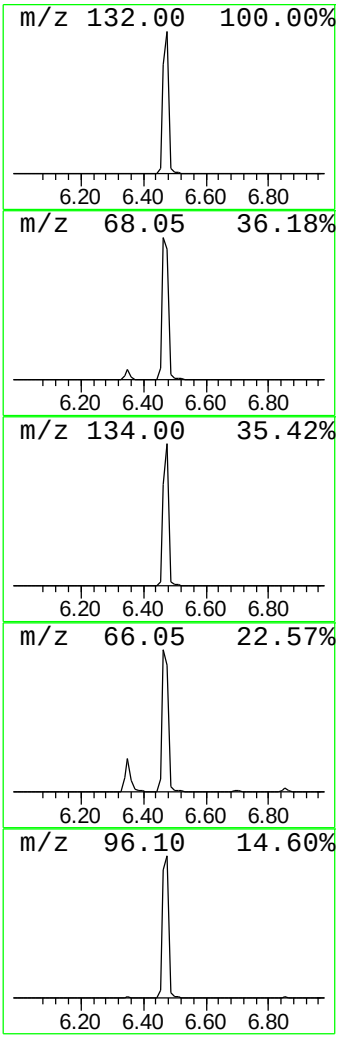
****

Peak Number 4 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	74.01 ng	5104980	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

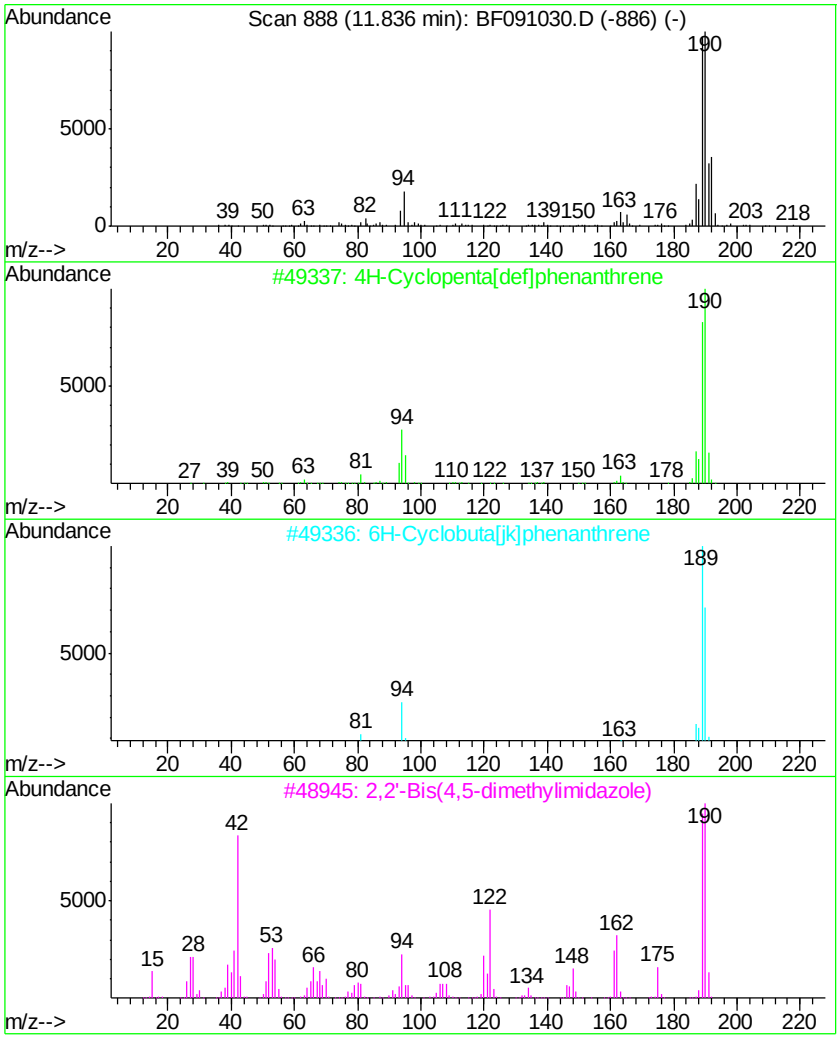
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

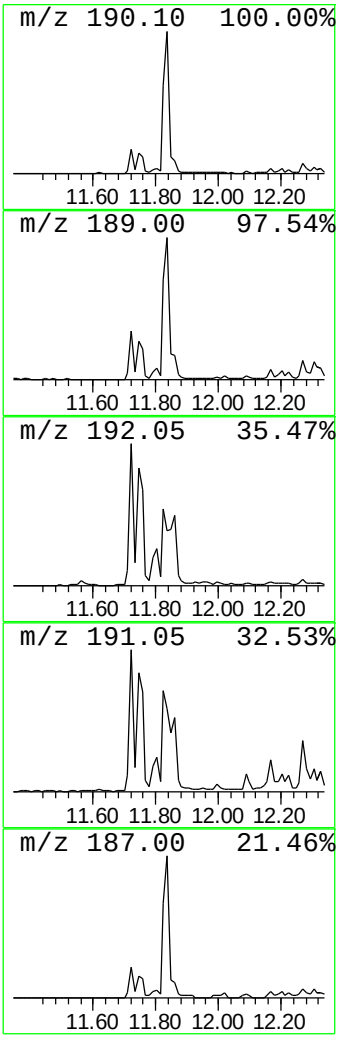
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.88 ng	712329	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

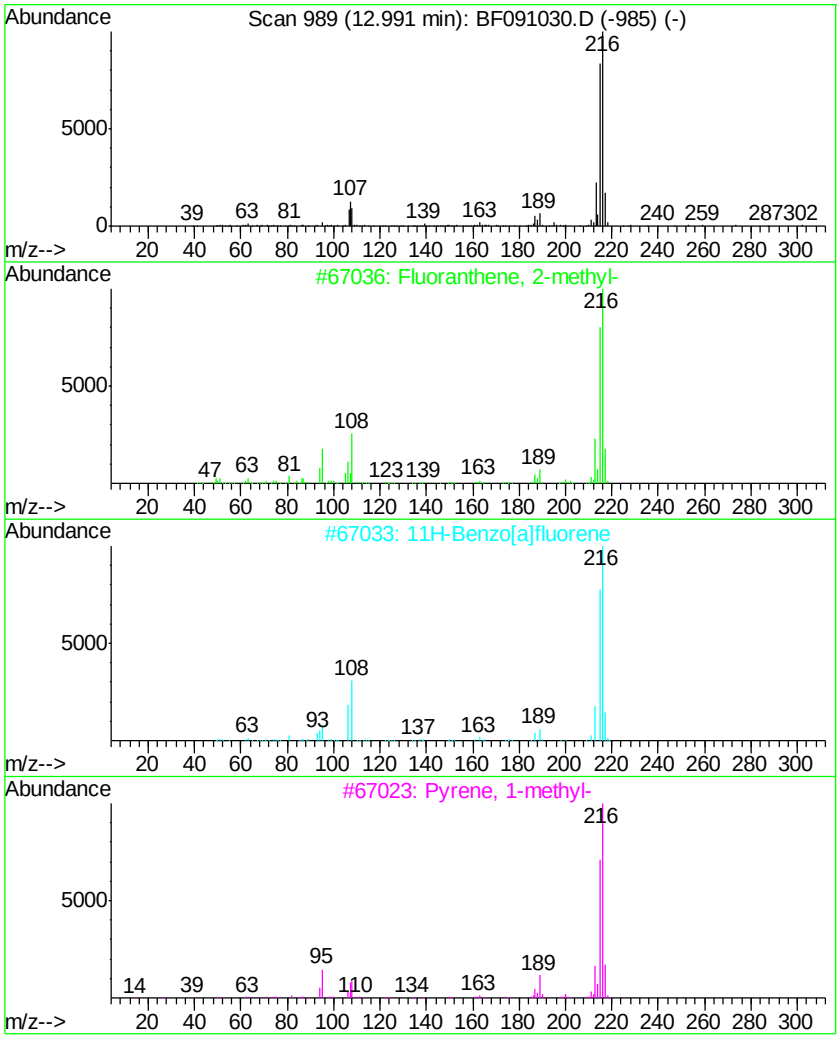
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

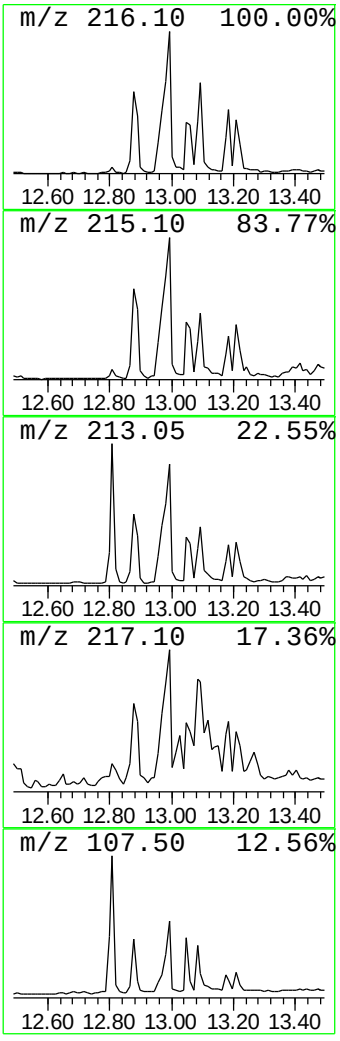
****

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.36 ng	473377	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

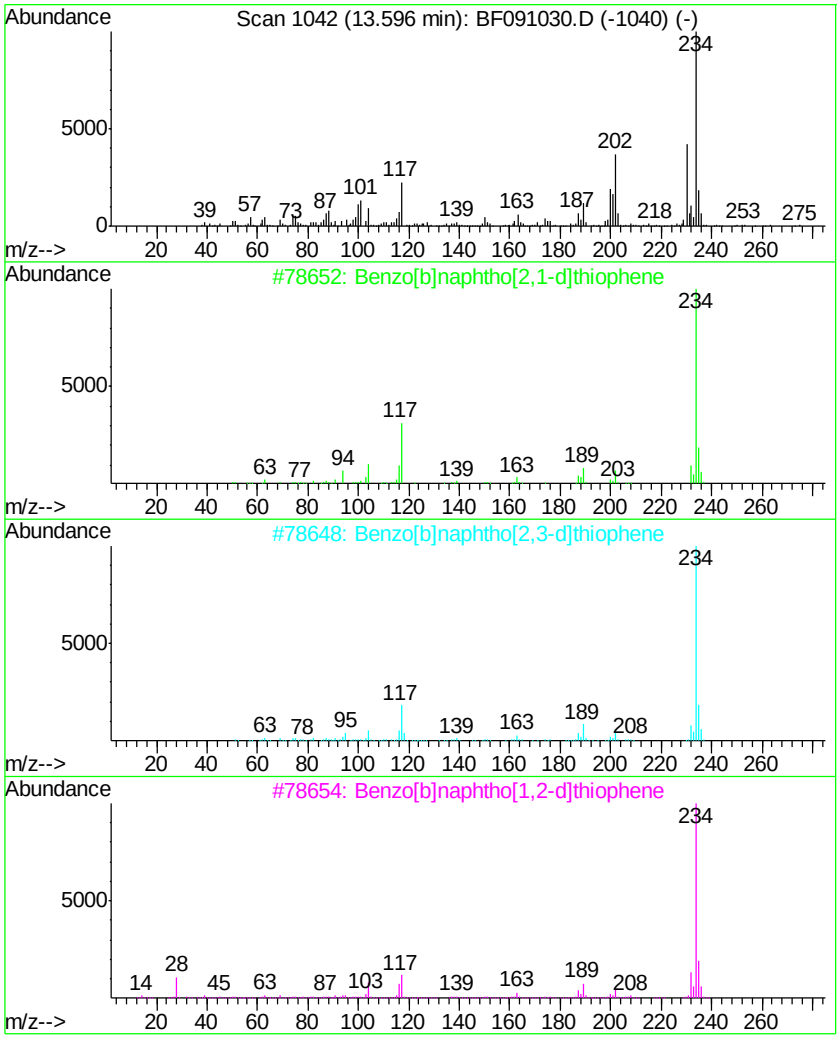
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

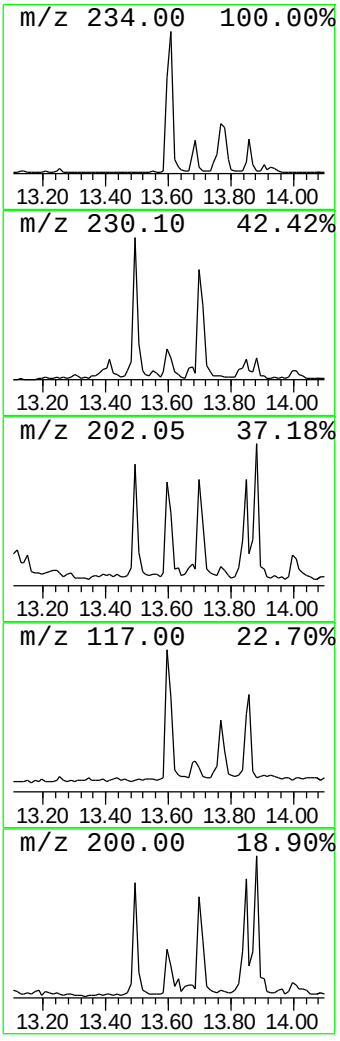
****

Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.31 ng	464085	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	55
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	38
5	Anthra[1,9a,9-cd;5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

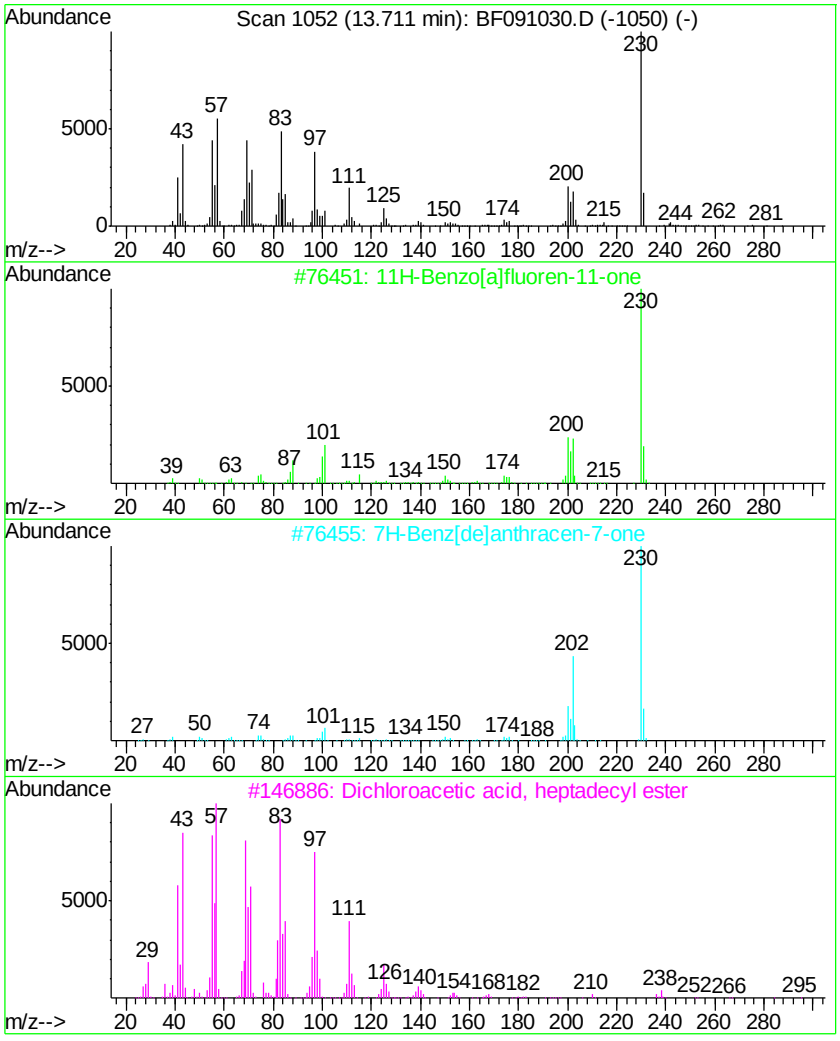
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

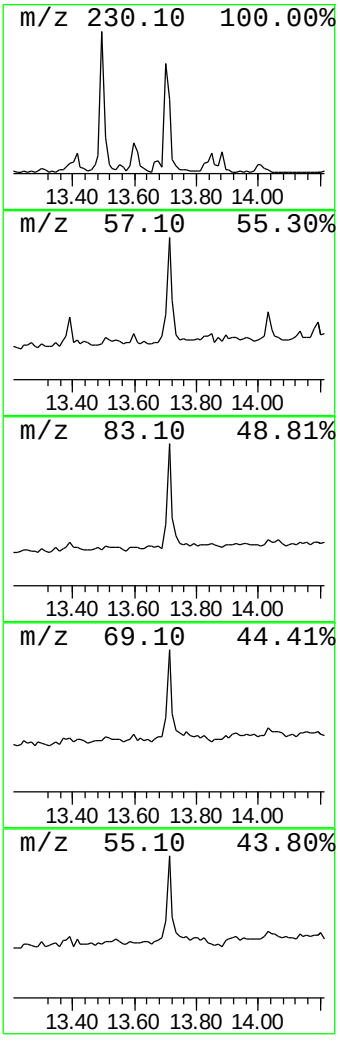
****

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.09 ng	620386	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	56
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	38
5	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

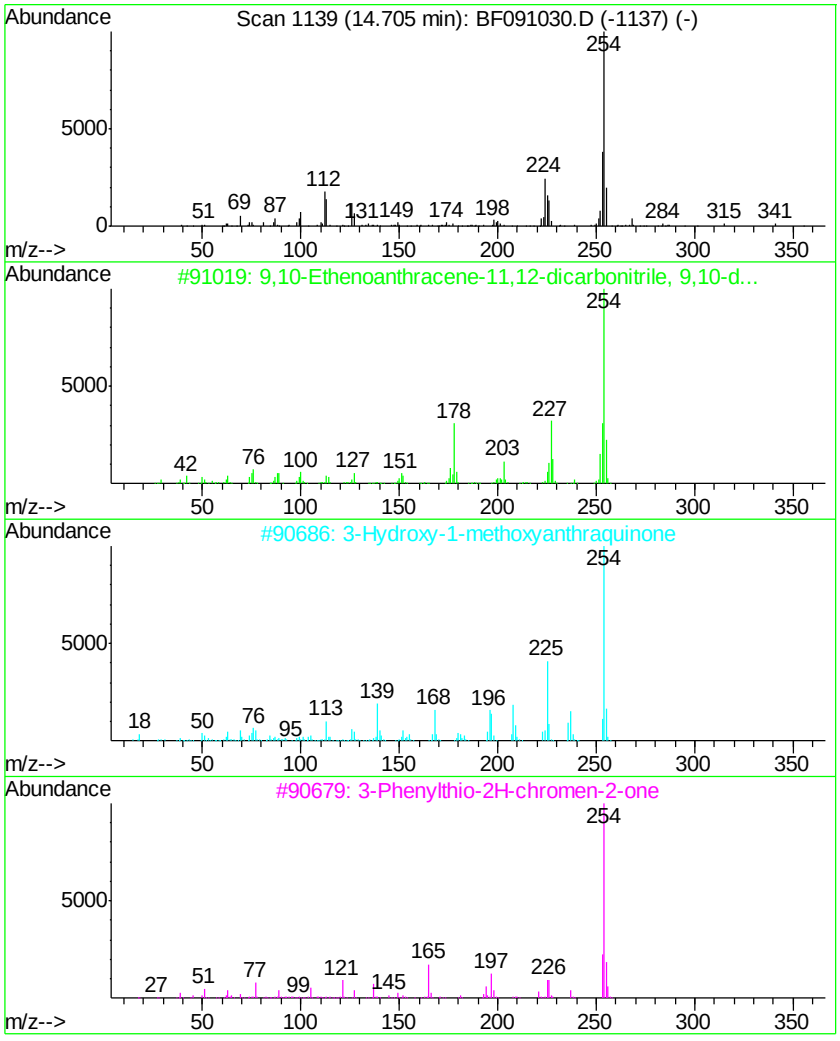
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

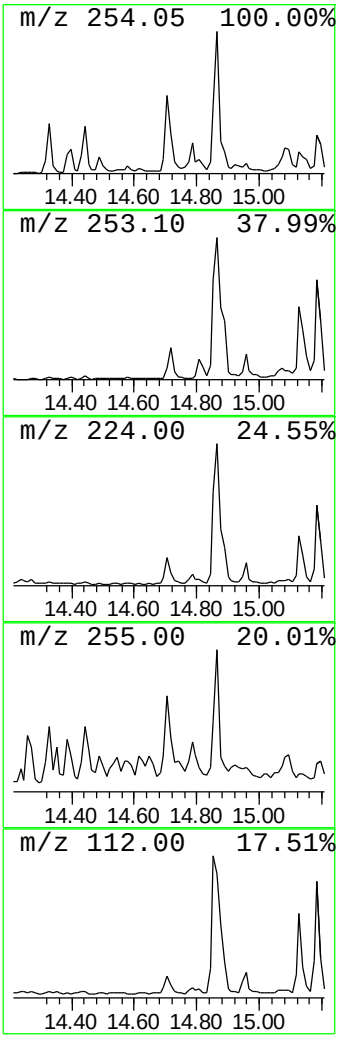
****

Peak Number 10 9,10-Ethenoanthracene-11,12... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.36 ng	220717	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	72
2	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	58
3	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	58
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
5	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

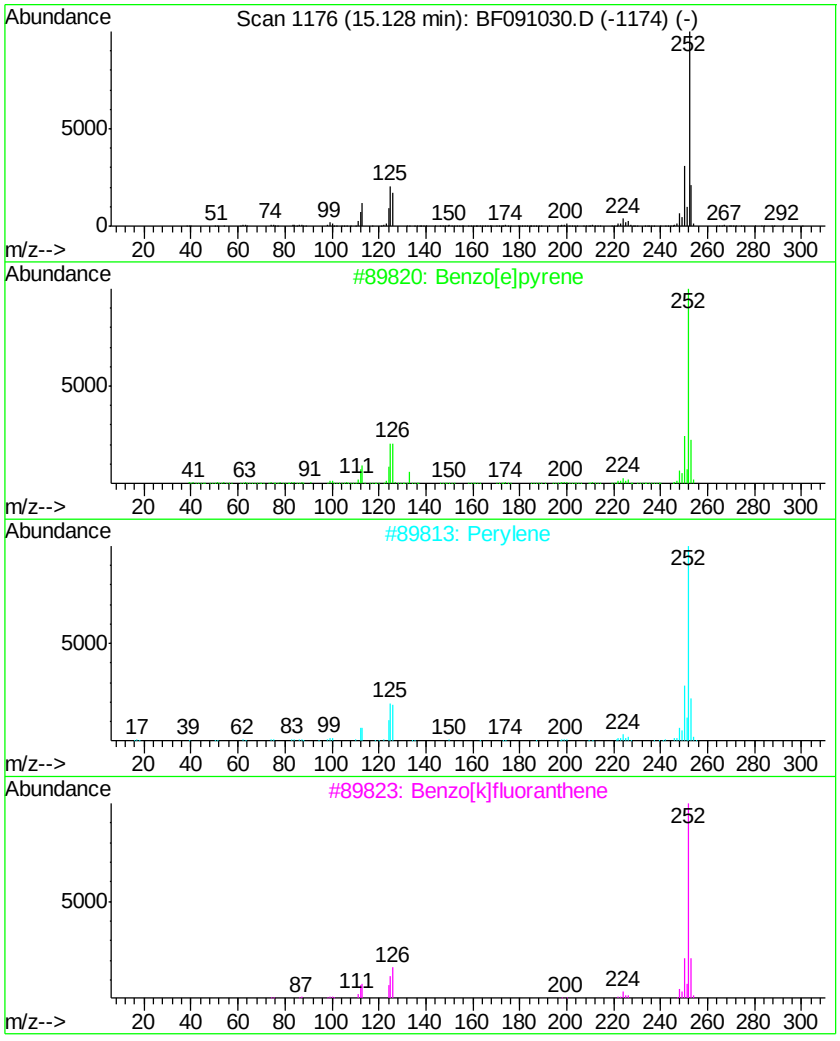
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

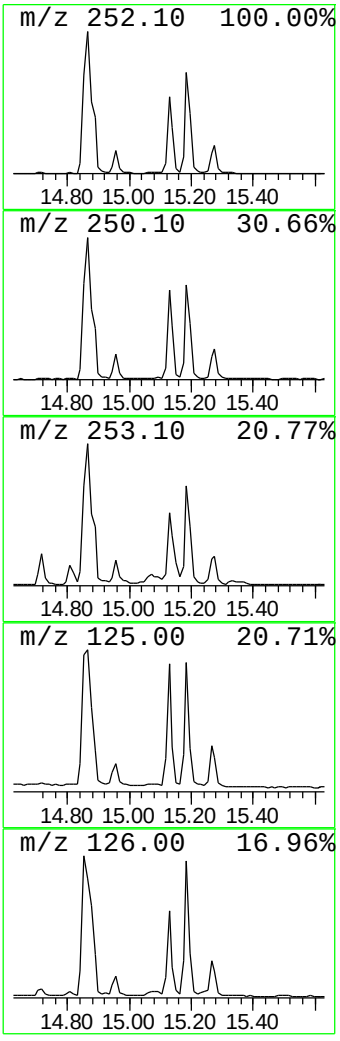
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	12.03 ng	1123460	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

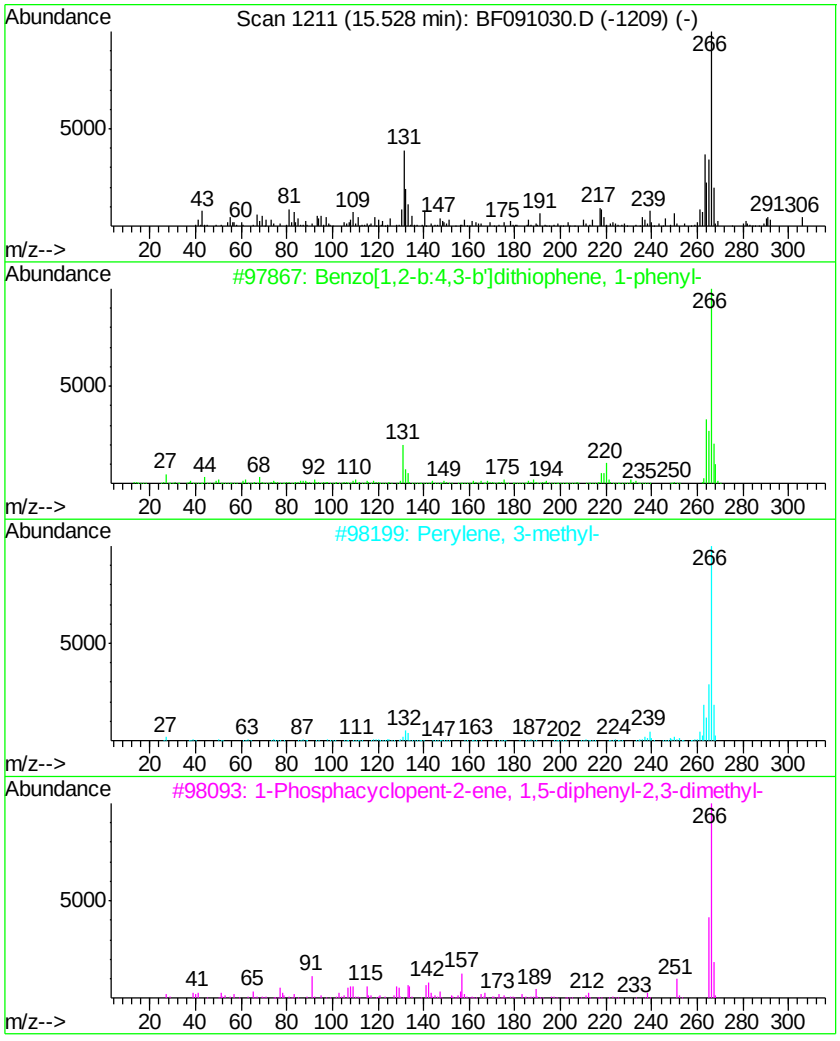
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

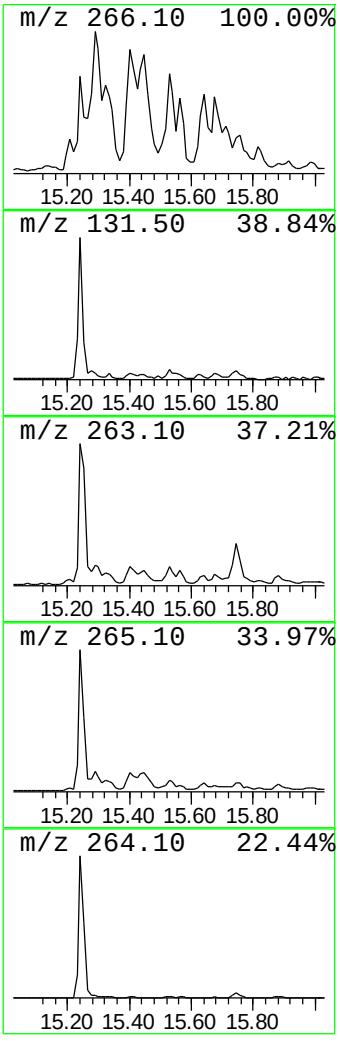
****

Peak Number 13 Benzo[1,2-b:4,3-b']dithioph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.75 ng	256399	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	68
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	46
3	1-Phosphacyclopent-2-ene, 1,5-di...	266	C18H19P	1000162-78-2	43
4	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	38
5	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

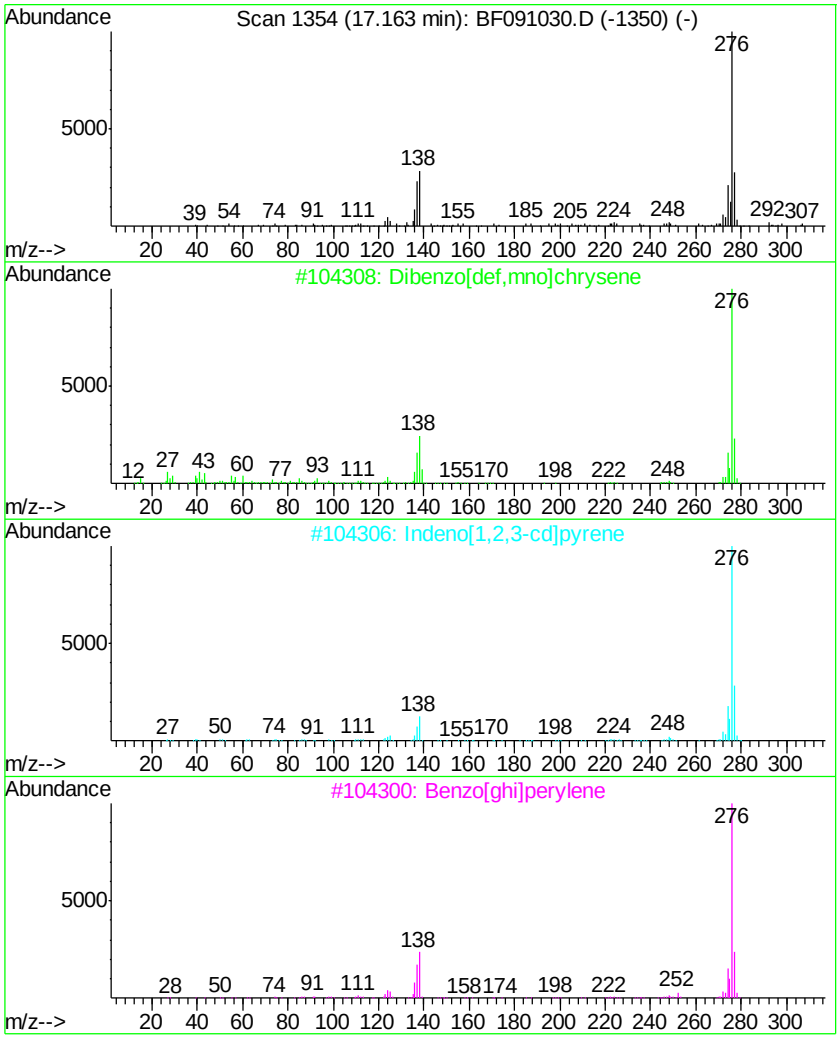
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

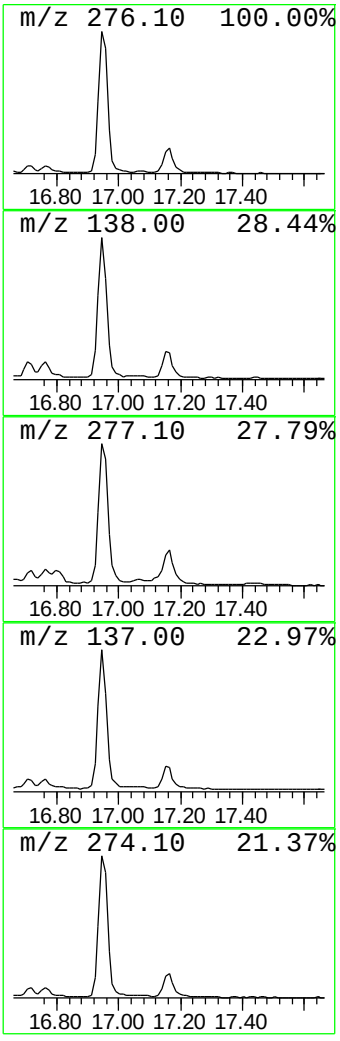
****

Peak Number 15 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	2.92 ng	272653	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

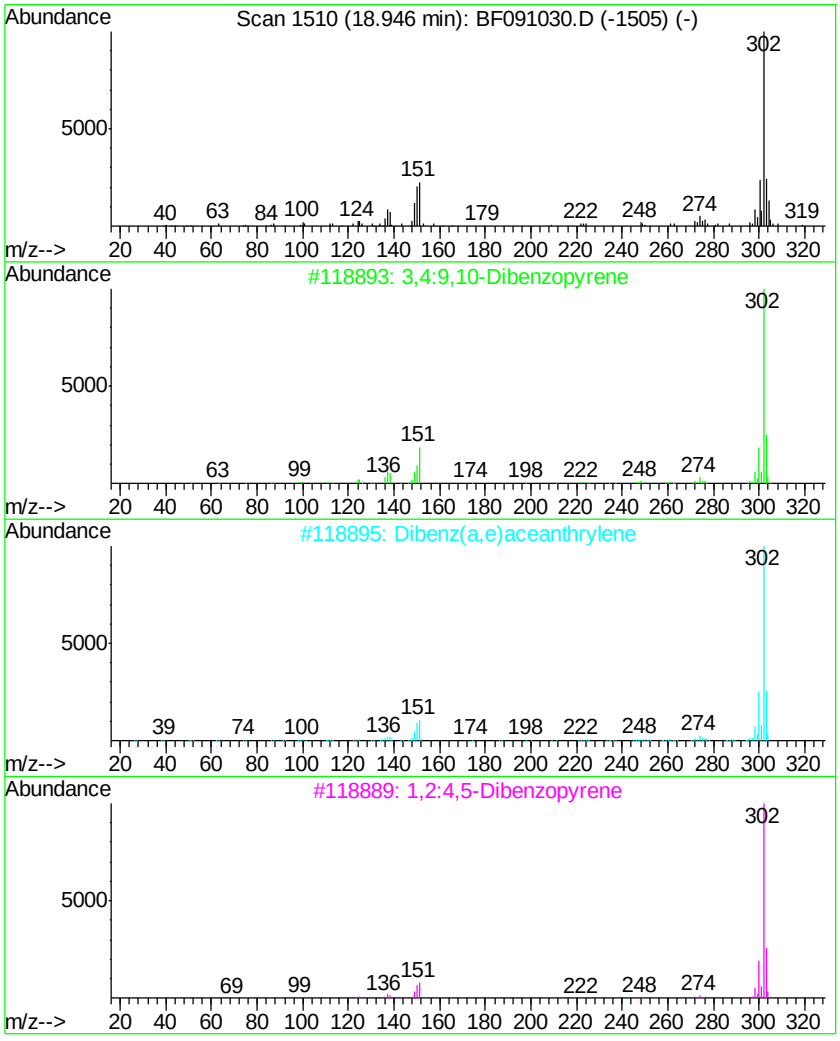
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

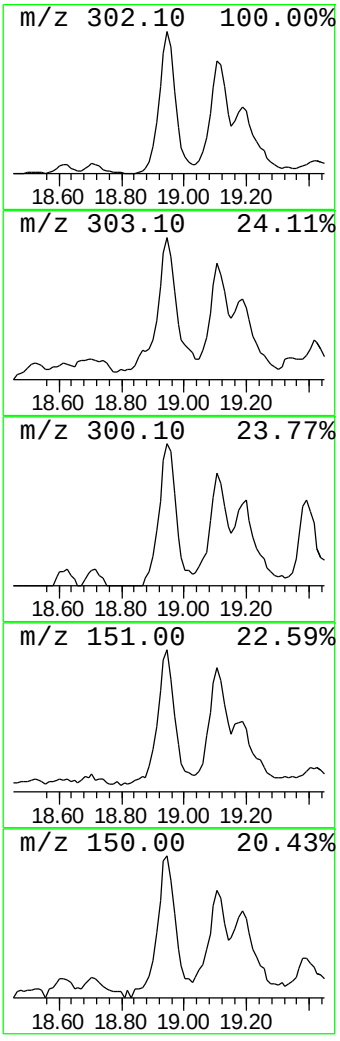
****

Peak Number 16 3,4:9,10-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	4.00 ng	373859	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

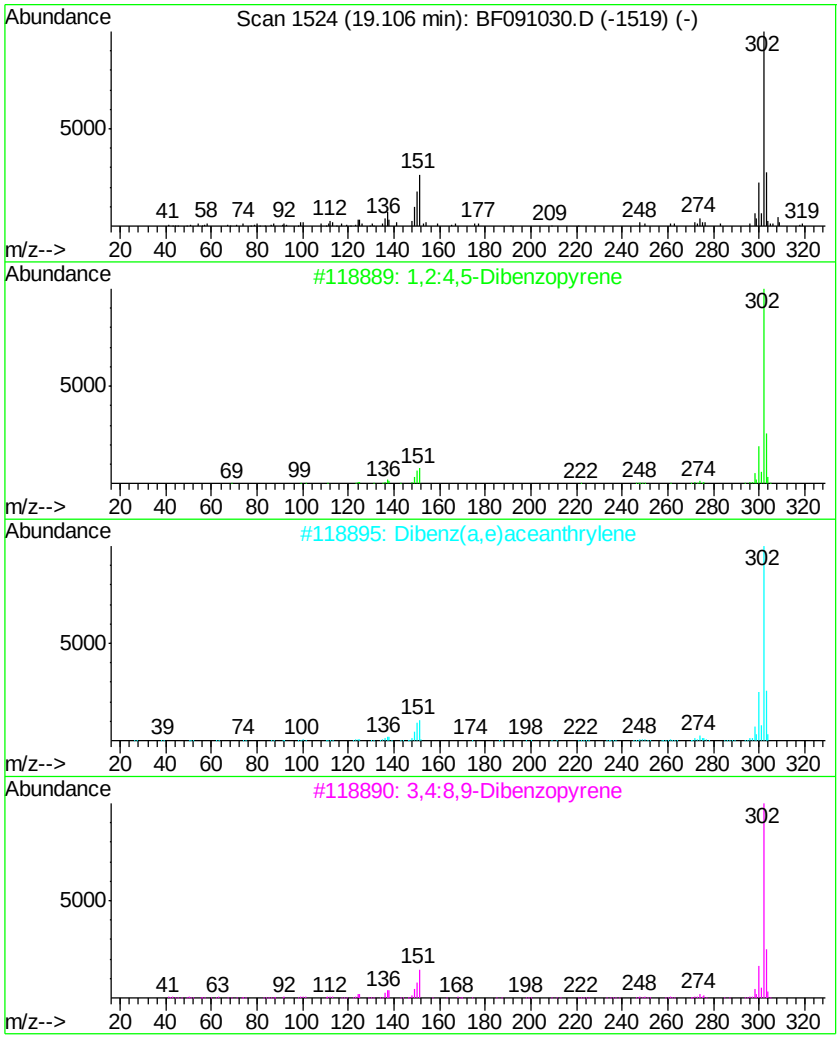
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

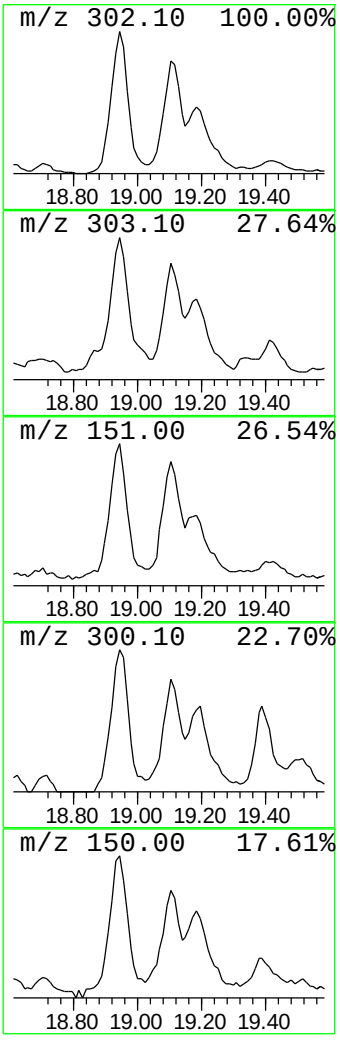
****

Peak Number 17 1,2:4,5-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.67 ng	249539	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091030.D
Acq On : 4 Nov 2016 19:45
Operator : UM/SJ
Sample : H5526-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-101-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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
2-Pentanone, 4-hy...	4.85	17.6	ng	1216680	1	6.70	1379460	20.0
unknown6.48	6.48	74.0	ng	5104980	1	6.70	1379460	20.0
4H-Cyclopenta[def...	11.84	2.9	ng	712329	4	11.22	4942030	20.0
Fluoranthene, 2-m...	12.99	2.4	ng	473377	5	13.86	4014690	20.0
Benzo[b]naphtho[2...	13.60	2.3	ng	464085	5	13.86	4014690	20.0
11H-Benzo[a]fluor...	13.71	3.1	ng	620386	5	13.86	4014690	20.0
9,10-Ethenoanthra...	14.71	2.4	ng	220717	6	15.24	1867210	20.0
Benzo[e]pyrene	15.13	12.0	ng	1123460	6	15.24	1867210	20.0
Benzo[1,2-b:4,3-b...	15.53	2.8	ng	256399	6	15.24	1867210	20.0
Dibenzo[def,mno]c...	17.16	2.9	ng	272653	6	15.24	1867210	20.0
3,4:9,10-Dibenzop...	18.95	4.0	ng	373859	6	15.24	1867210	20.0
1,2:4,5-Dibenzopy...	19.11	2.7	ng	249539	6	15.24	1867210	20.0