LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089377.D
Acq On : 28 Jul 2016 22:14
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

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-BF072716.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	1.678	7	8	60	rVB	1091178	2322410	81.09%	7.246%
2	4.639	264	267	278	rBV	113942	231627	8.09%	0.723%
3	5.096	305	307	327	rBV	821014	1281157	44.73%	3.997%
4	6.182	400	402	410	rBV	881067	1275332	44.53%	3.979%
5	6.296	410	412	414	rBV	1192025	1408146	49.17%	4.393%
6	6.524	430	432	443	rVB	243833	274926	9.60%	0.858%
7	6.673	443	445	448	rBV	769695	1023694	35.74%	3.194%
8	7.096	480	482	500	rBV	665784	859090	30.00%	2.680%
9	7.805	542	544	556	rBV	268913	420016	14.67%	1.310%
10	8.525	605	607	613	rBV	33270	35092	1.23%	0.109%
11	8.616	613	615	621	rVB	43460	47637	1.66%	0.149%
12	8.890	636	639	642	rBV	1612143	1563560	54.59%	4.878%
13	9.153	660	662	666	rBV	28071	41452	1.45%	0.129%
14	9.222	666	668	669	rVV	62875	65979	2.30%	0.206%
15	9.245	669	670	672	rVV	39728	37650	1.31%	0.117%
16	9.290	672	674	677	rVV	377794	326394	11.40%	1.018%
17	9.336	677	678	683	rVB	33134	37794	1.32%	0.118%
18	9.553	695	697	699	rBV	507910	514684	17.97%	1.606%
19	9.588	699	700	702	rVB	302397	224994	7.86%	0.702%
20	9.759	713	715	717	rBV	172031	165706	5.79%	0.517%
21	9.965	731	733	736	rBV	18474	35947	1.26%	0.112%
22	10.102	743	745	747	rBV	251357	305604	10.67%	0.953%
23	10.159	748	750	751	rVV	35965	56653	1.98%	0.177%
24	10.182	751	752	754	rVV	50022	53850	1.88%	0.168%
25	10.262	757	759	762	rVV	69076	92673	3.24%	0.289%
26	10.342	764	766	769	rVV	879994	945680	33.02%	2.950%
27	10.388	769	770	772	rVV	29831	29034	1.01%	0.091%
28	10.479	776	778	781	rVB2	41462	60177	2.10%	0.188%
29	10.651	789	793	796	rBV3	51686	131089	4.58%	0.409%
30	10.719	796	799	801	rVB2	15872	33754	1.18%	0.105%
31	10.776	801	804	808	rBV3	41503	103997	3.63%	0.324%
32	10.845	808	810	812	rVB	55366	58896	2.06%	0.184%
33	10.891	812	814	815	rBV	41862	53289	1.86%	0.166%
34	10.925	815	817	824	rVB	127597	144441	5.04%	0.451%

LSC Area Percent Report

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Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.062	824	829	831	rBV2	2042603	2864006	100.00%	8.935%
36	11.108	831	833	835	rVB	708877	649237	22.67%	2.026%
37	11.268	844	847	851	rBV	99318	158310	5.53%	0.494%
38	11.325	851	852	853	rVV	45656	40571	1.42%	0.127%
39	11.348	853	854	860	rVB4	23430	46975	1.64%	0.147%
40	11.531	868	870	871	rBV	177822	201055	7.02%	0.627%
41	11.553	871	872	875	rVV	272355	290970	10.16%	0.908%
42	11.599	875	876	878	rVV2	104775	154146	5.38%	0.481%
43	11.633	878	879	885	rVB2	377261	512361	17.89%	1.598%
44	11.828	893	896	897	rBV	105863	133428	4.66%	0.416%
45	11.851	897	898	901	rVB	82157	81397	2.84%	0.254%
46	11.965	906	908	910	rBV	29748	44319	1.55%	0.138%
47	12.079	916	918	919	rBV	59782	90164	3.15%	0.281%
48	12.114	919	921	924	rVB2	43099	74252	2.59%	0.232%
49	12.159	924	925	929	rVB	59569	83539	2.92%	0.261%
50	12.239	929	932	934	rBV	1809933	2058213	71.86%	6.421%
51	12.376	942	944	946	rBV	80911	93785	3.27%	0.293%
52	12.456	948	951	954	rVV2	1312980	1761711	61.51%	5.496%
53	12.502	954	955	960	rVB2	61498	104898	3.66%	0.327%
54	12.582	960	962	963	rBV	80111	113894	3.98%	0.355%
55	12.616	963	965	967	rVV	802754	1107327	38.66%	3.455%
56	12.674	967	970	972	rVB2	62211	96576	3.37%	0.301%
57	12.788	975	980	984	rBV	182565	274568	9.59%	0.857%
58	12.856	984	986	987	rBV	102523	140448	4.90%	0.438%
59	12.891	987	989	993	rVB2	106145	171825	6.00%	0.536%
60	12.971	995	996	998	rVB	35208	45050	1.57%	0.141%
61	13.005	998	999	1004	rVB2	49330	68873	2.40%	0.215%
62	13.188	1011	1015	1020	rBV4	29368	105742	3.69%	0.330%
63	13.291	1023	1024	1028	rVB	56396	80787	2.82%	0.252%
64	13.394	1031	1033	1034	rBV	69519	94536	3.30%	0.295%
65	13.519	1041	1044	1047	rVB2	47817	114752	4.01%	0.358%
66	13.645	1052	1055	1057	rBV3	621790	1243380	43.41%	3.879%
67	13.679	1057	1058	1062	rVB	420530	376545	13.15%	1.175%
68	13.748	1062	1064	1067	rBV	101817	99040	3.46%	0.309%
69	13.851	1071	1073	1075	rBV3	34659	55170	1.93%	0.172%
70	13.999	1084	1086	1087	rBV2	26552	36808	1.29%	0.115%
71	14.034	1087	1089	1091	rVV	91669	115872	4.05%	0.362%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.068	1091	1092	1094	rVV	39515	37773	1.32%	0.118%
73	14.125	1094	1097	1098	rVV3	44749	63361	2.21%	0.198%
74	14.159	1098	1100	1105	rVB5	47259	134718	4.70%	0.420%
75	14.354	1113	1117	1121	rBV3	43441	107339	3.75%	0.335%
76	14.434	1121	1124	1127	rBV5	17376	50464	1.76%	0.157%
77	14.502	1128	1130	1133	rBV	40438	54687	1.91%	0.171%
78	14.640	1139	1142	1146	rBV	527969	923081	32.23%	2.880%
79	14.720	1148	1149	1151	rVV	87145	103371	3.61%	0.322%
80	14.822	1154	1158	1159	rVV	23369	54236	1.89%	0.169%
81	14.880	1161	1163	1166	rVV	276491	341743	11.93%	1.066%
82	14.937	1166	1168	1170	rVV	438127	515186	17.99%	1.607%
83	14.982	1170	1172	1179	rVB2	237504	462371	16.14%	1.443%
84	15.165	1186	1188	1191	rVB3	19864	41443	1.45%	0.129%
85	15.440	1210	1212	1214	rVB2	27564	39617	1.38%	0.124%
86	16.023	1259	1263	1264	rBV2	22302	49261	1.72%	0.154%
87	16.171	1273	1276	1280	rBV	162564	297339	10.38%	0.928%
88	16.320	1286	1289	1291	rBV	33366	76424	2.67%	0.238%
89	16.365	1291	1293	1303	rVB3	34065	104850	3.66%	0.327%
90	16.525	1304	1307	1312	rBV	131456	246745	8.62%	0.770%
91	16.731	1322	1325	1332	rVB	30241	81133	2.83%	0.253%
92	18.331	1459	1465	1474	rBV2	22750	102121	3.57%	0.319%
93	18.491	1475	1479	1482	rBV	11292	39163	1.37%	0.122%
94	19.246	1539	1545	1548	rBV6	7744	31537	1.10%	0.098%
95	19.326	1548	1552	1561	rVB3	11576	48159	1.68%	0.150%

Sum of corrected areas: 32053076

LSC Report - Integrated Chromatogram

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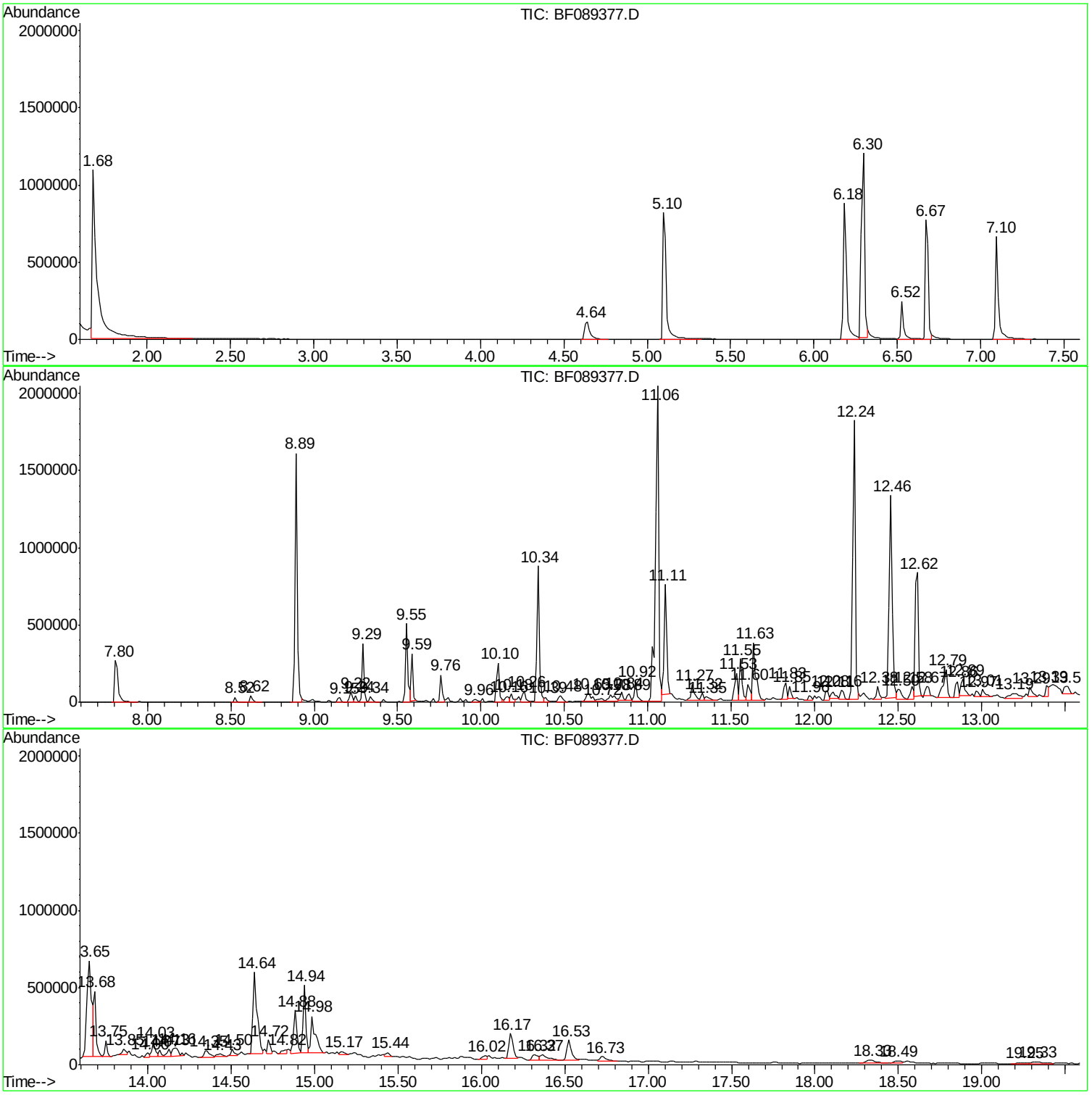
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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\BF072916\
Data File : BF089377.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

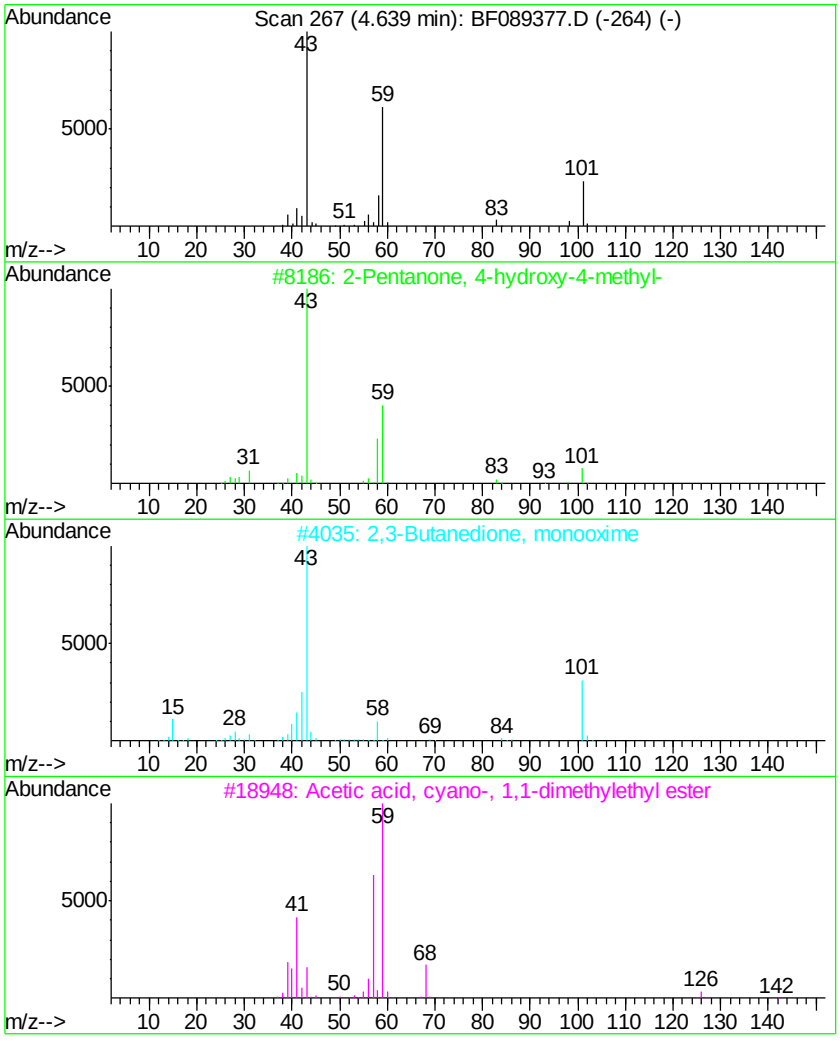
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

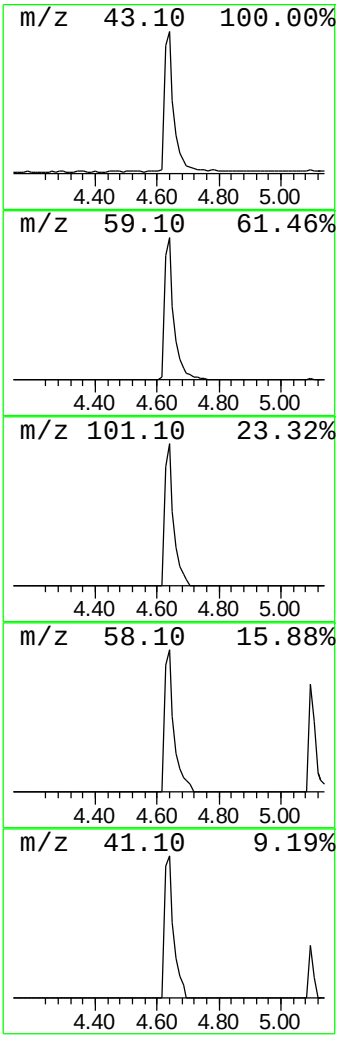
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	16.85 ng	231627	1,4-Dichlorobenzene-d4	6.52

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	23
4	Acetone	58	C3H6O	000067-64-1	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089377.D
Acq On : 28 Jul 2016 22:14
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

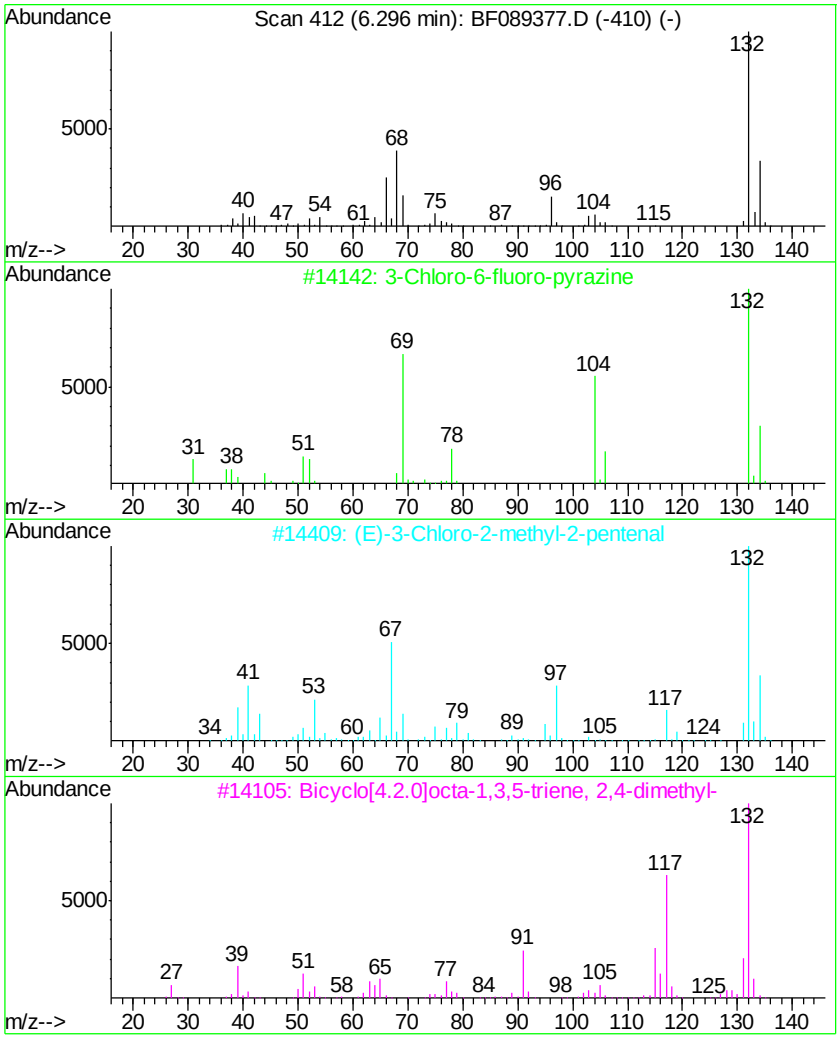
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

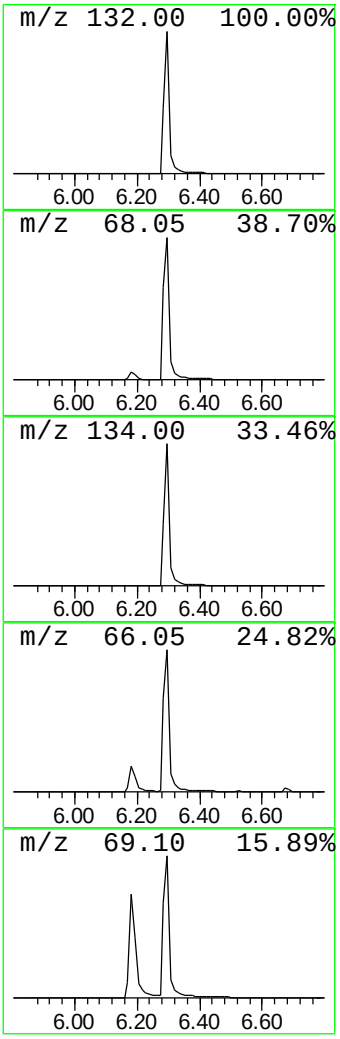
****

Peak Number 3 unknown6.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	102.44 ng	1408150	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

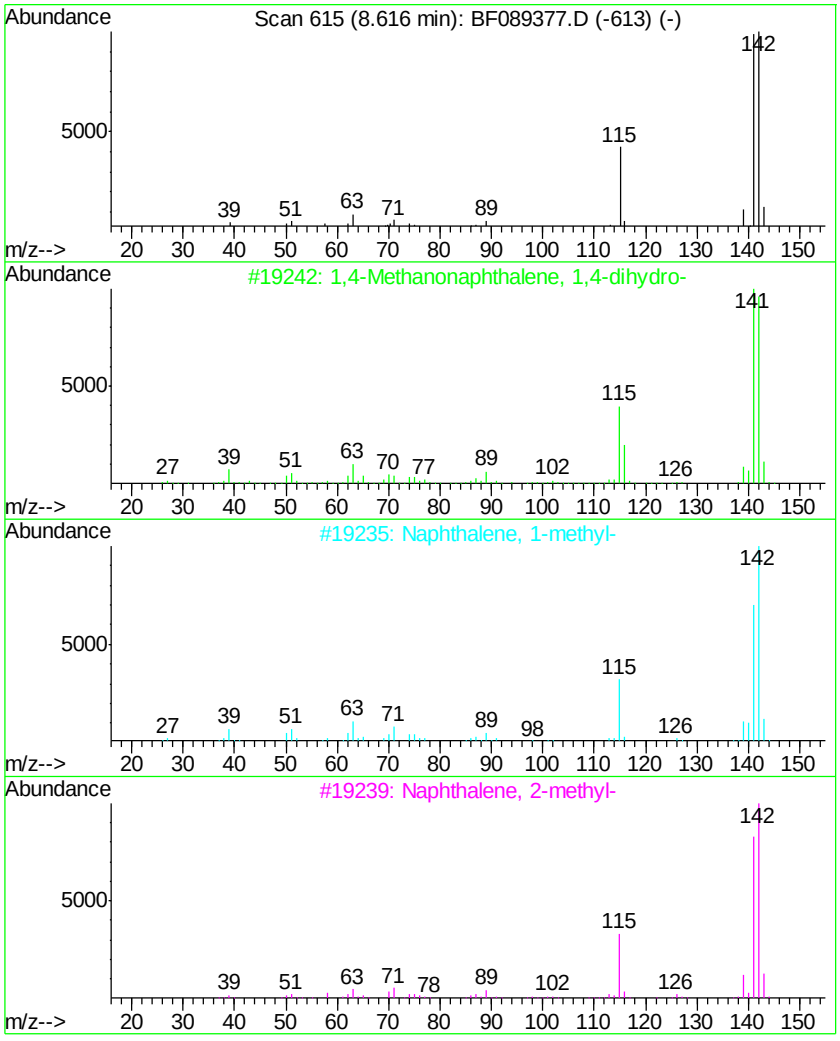
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

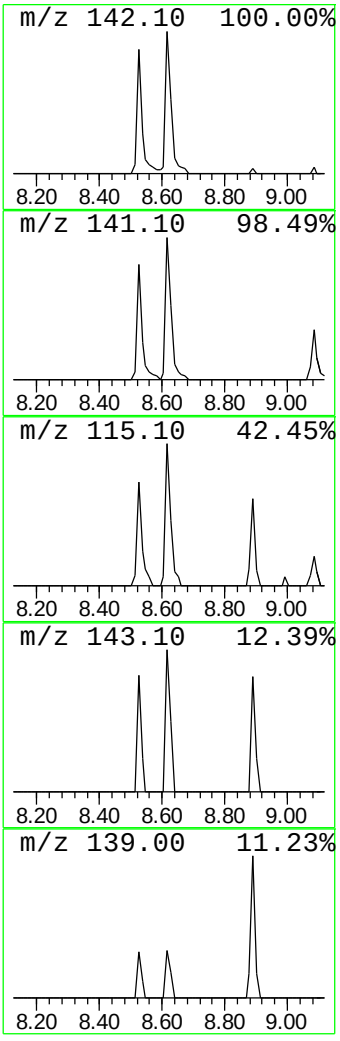
****

Peak Number 5 1,4-Methanonaphthalene, 1,4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.27 ng	47637	Naphthalene-d8	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

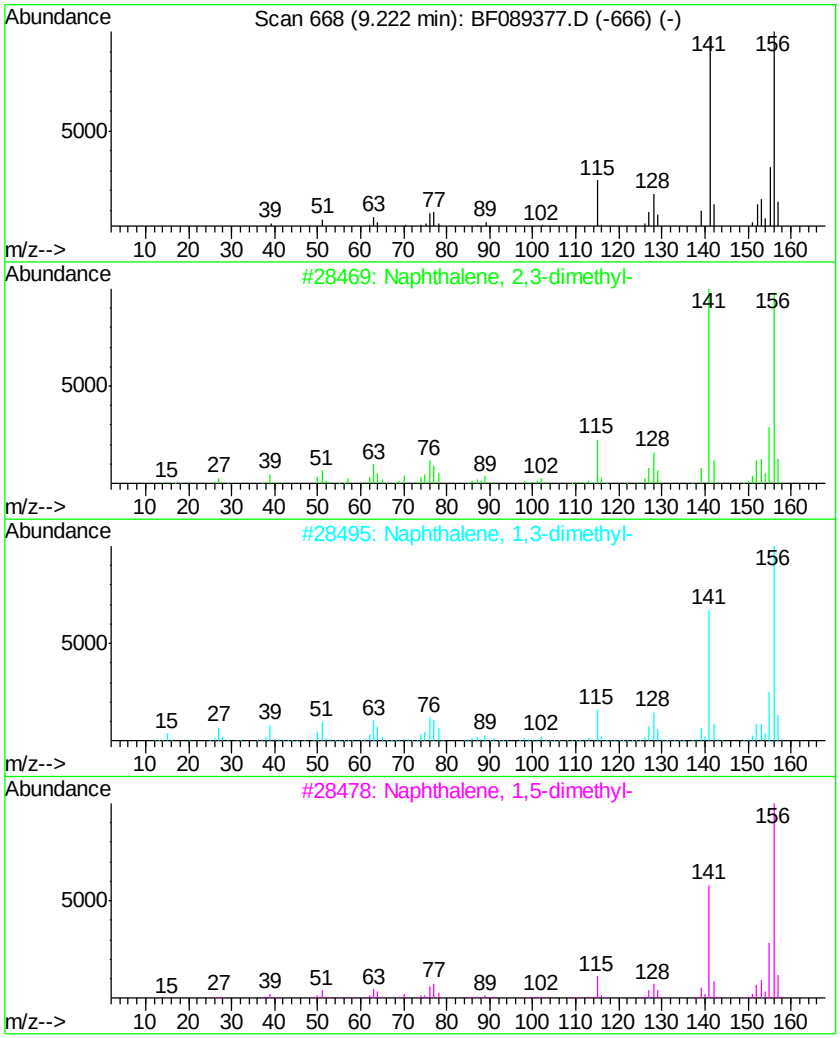
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

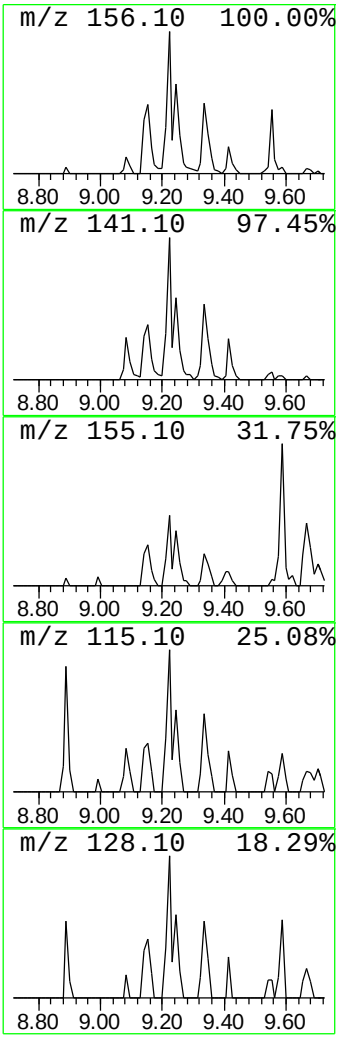
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.56 ng	65979	Acenaphthene-d10	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Data File : BF089377.D
Acq On : 28 Jul 2016 22:14
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

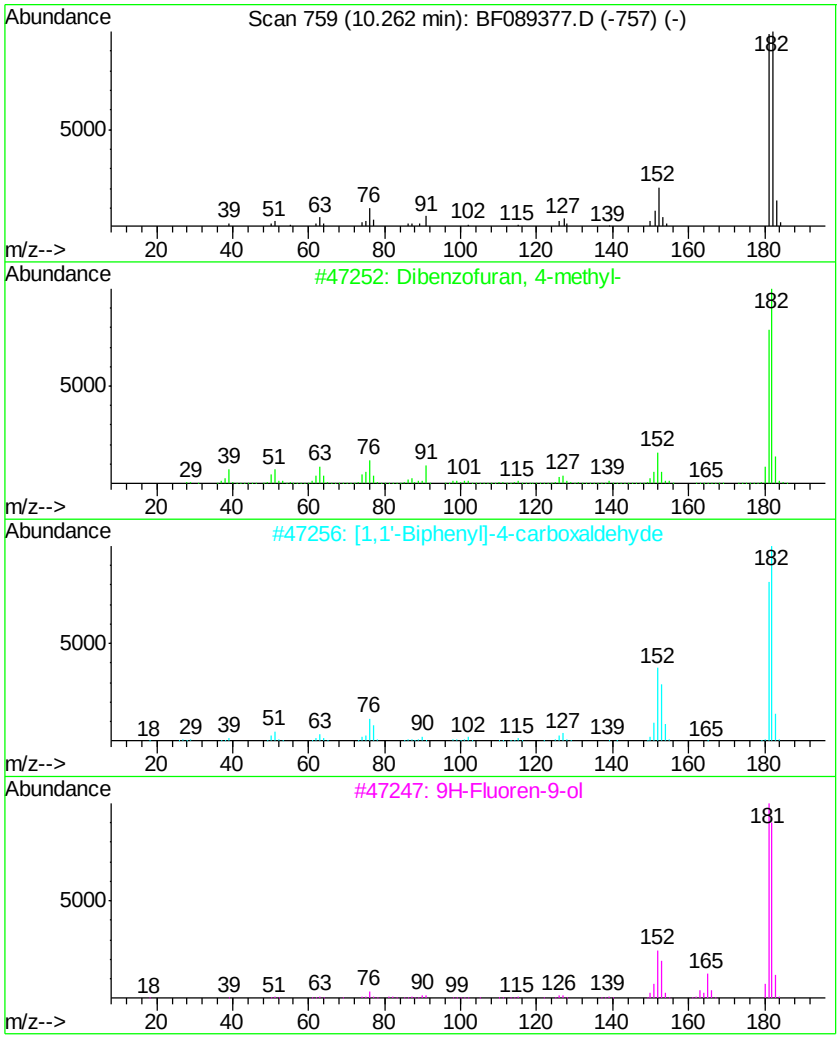
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

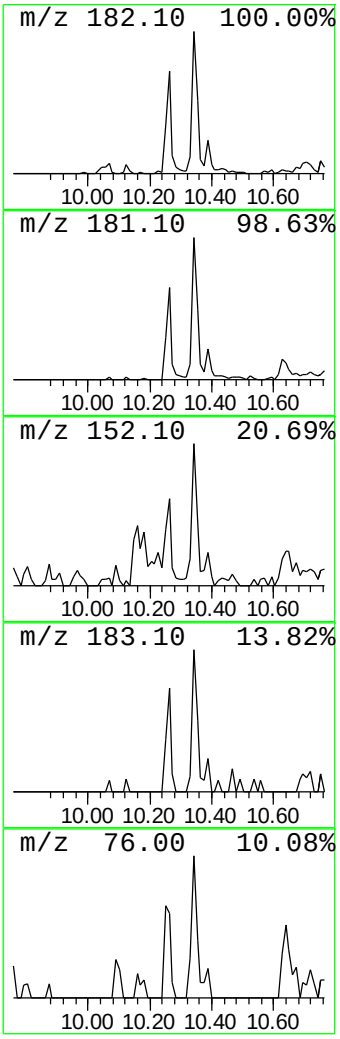
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.60 ng	92673	Acenaphthene-d10	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Xanthene	182	C13H10O	000092-83-1	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089377.D
Acq On : 28 Jul 2016 22:14
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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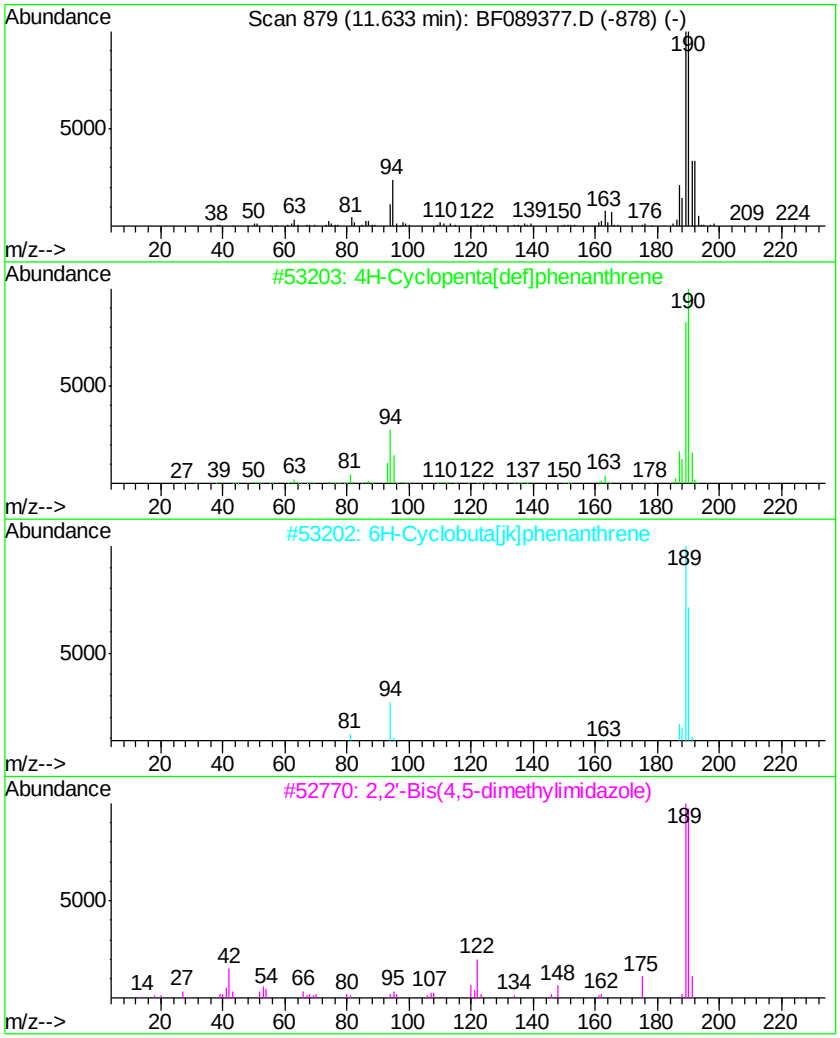
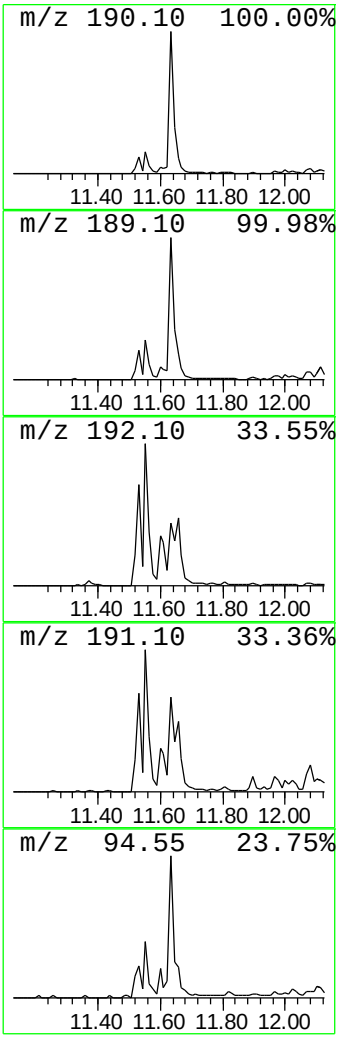
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.58 ng	512361	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Acq On : 28 Jul 2016 22:14
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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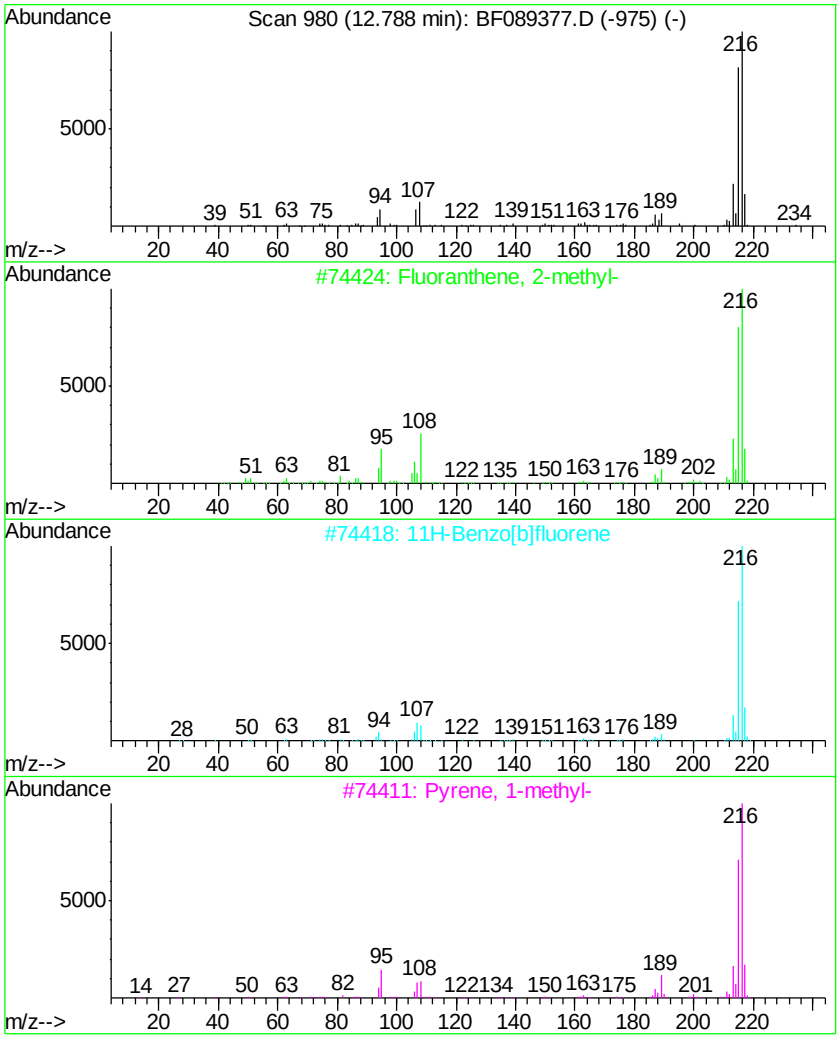
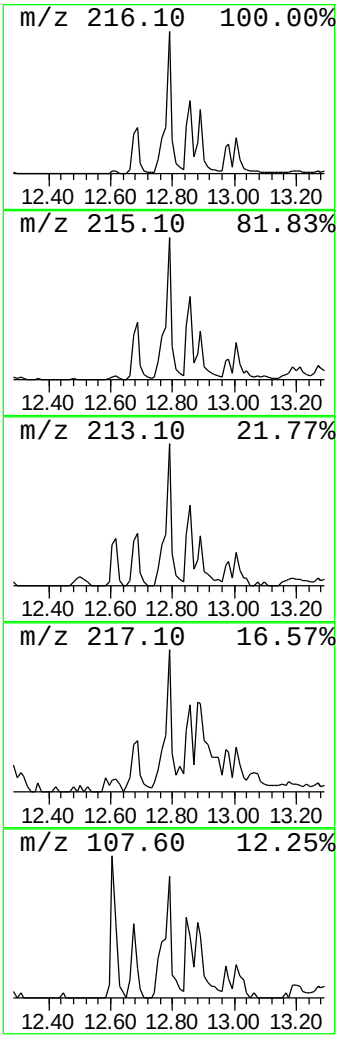
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.42 ng	274568	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Sample : H4205-17
Misc :
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Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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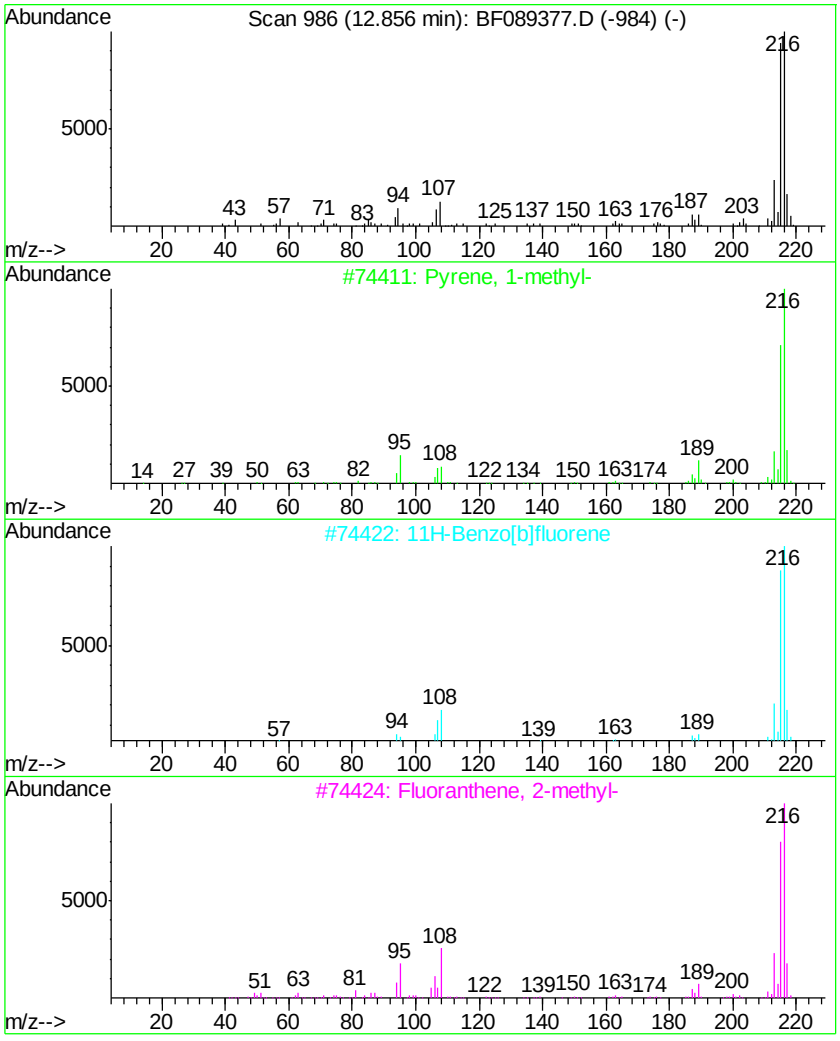
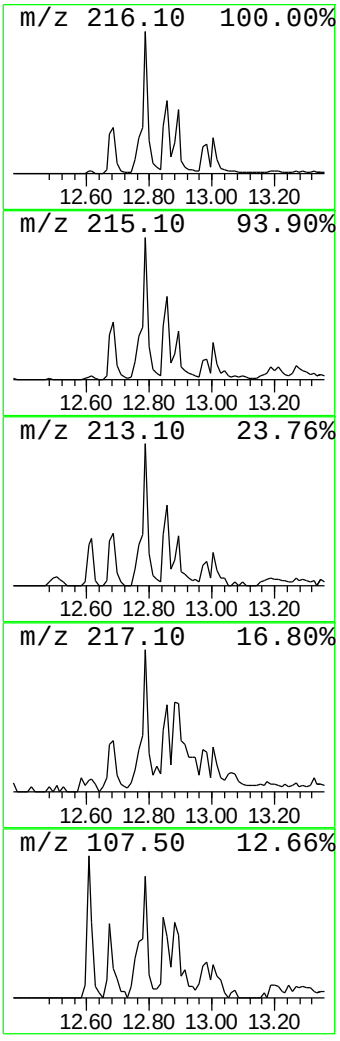
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.26 ng	140448	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : H4205-17
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ClientSampleId : SB-40-0.5-1.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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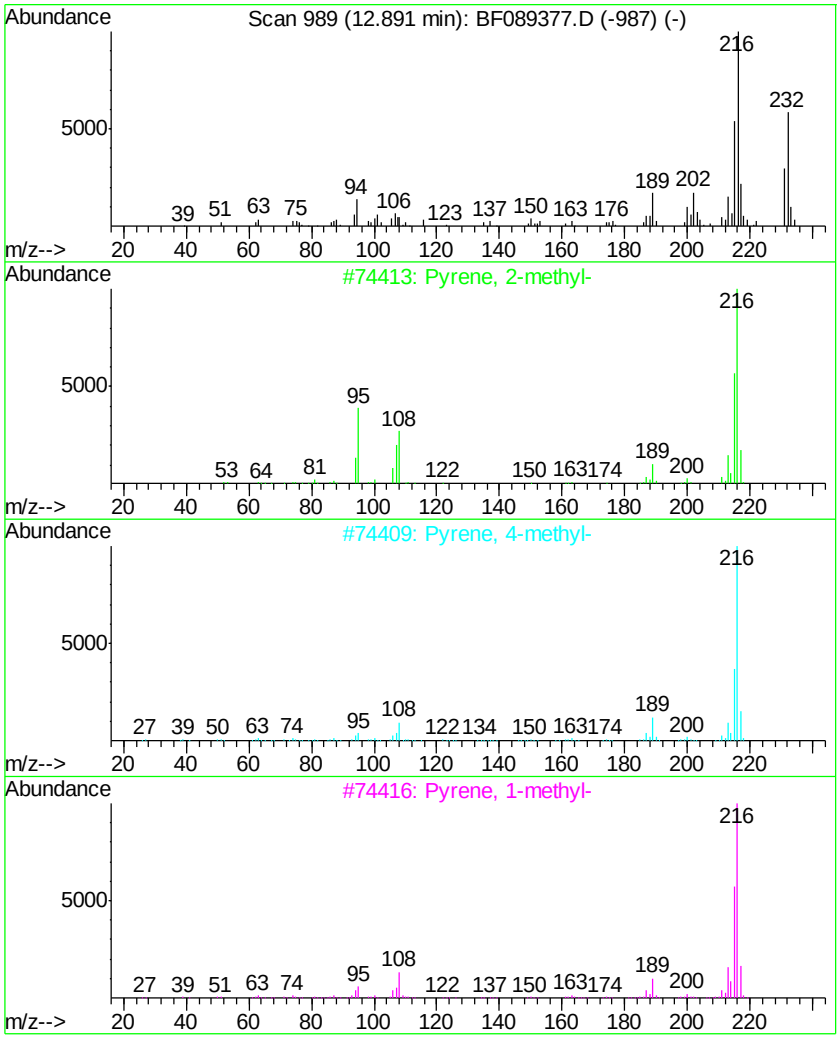
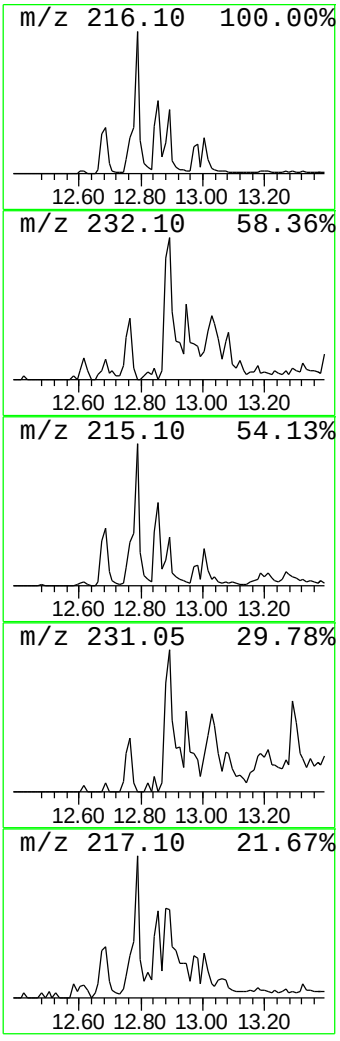
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.76 ng	171825	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





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Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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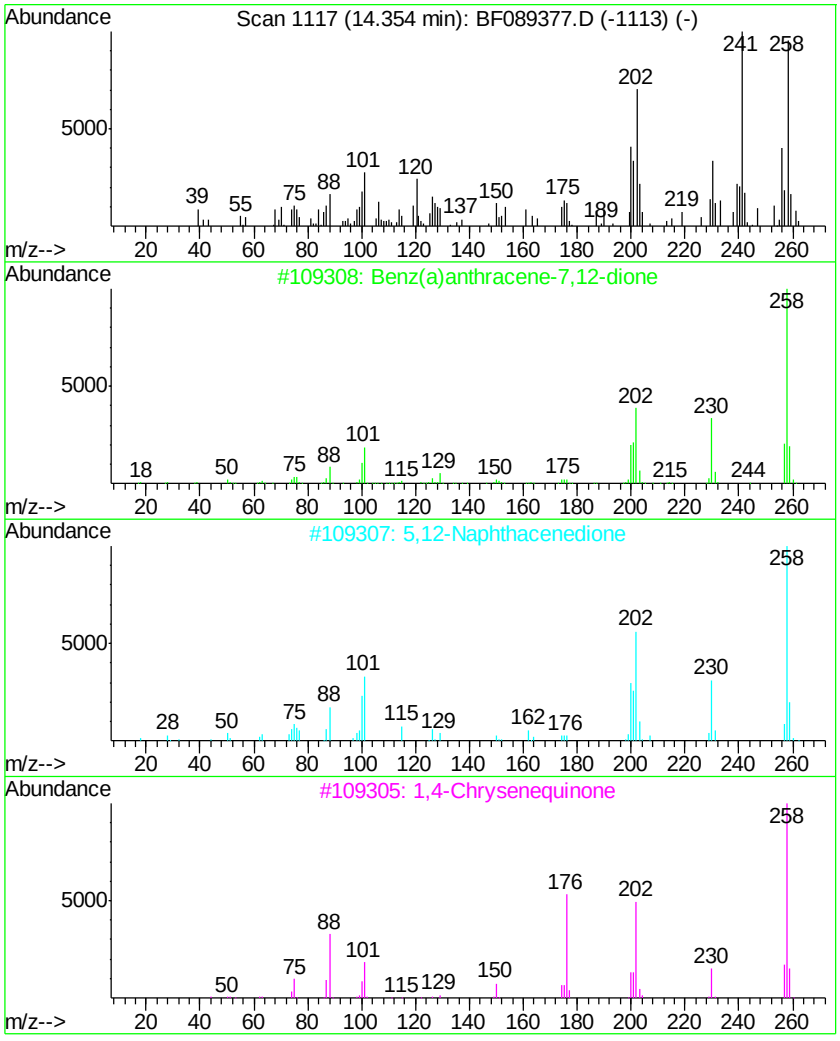
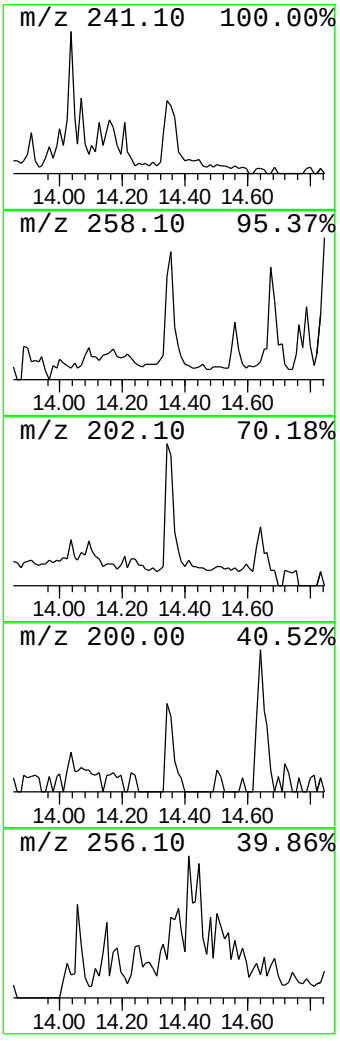
Peak Number 12 Benz(a)anthracene-7,12-dione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.64 ng	107339	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	64
3	1,4-Chrysenequinone	258	C18H10O2	100900-16-1	42
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	30
5	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	27





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Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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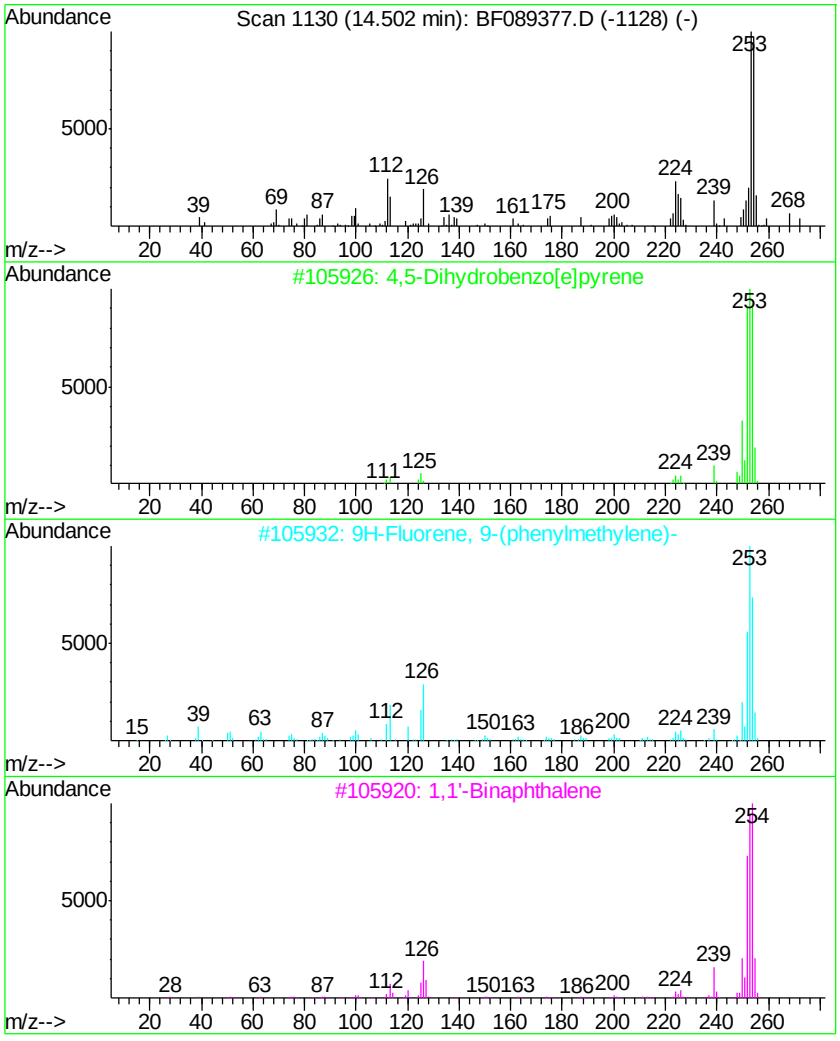
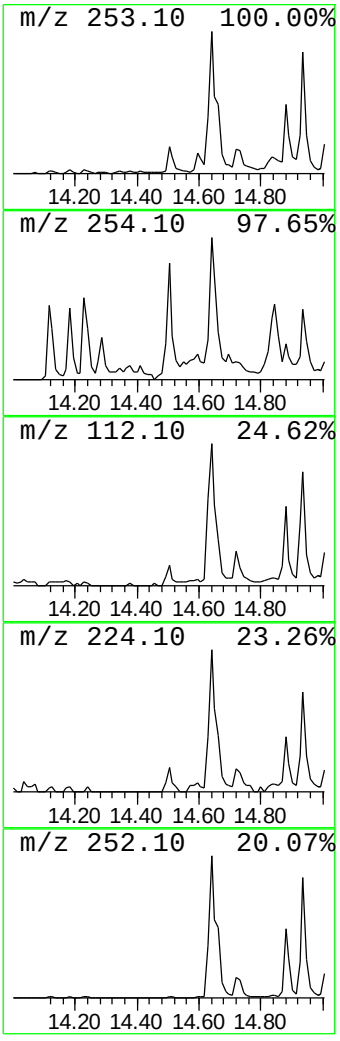
Peak Number 13 4,5-Dihydrobenzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.37 ng	54687	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	59
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	59
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58





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Misc :
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ClientSampleId : SB-40-0.5-1.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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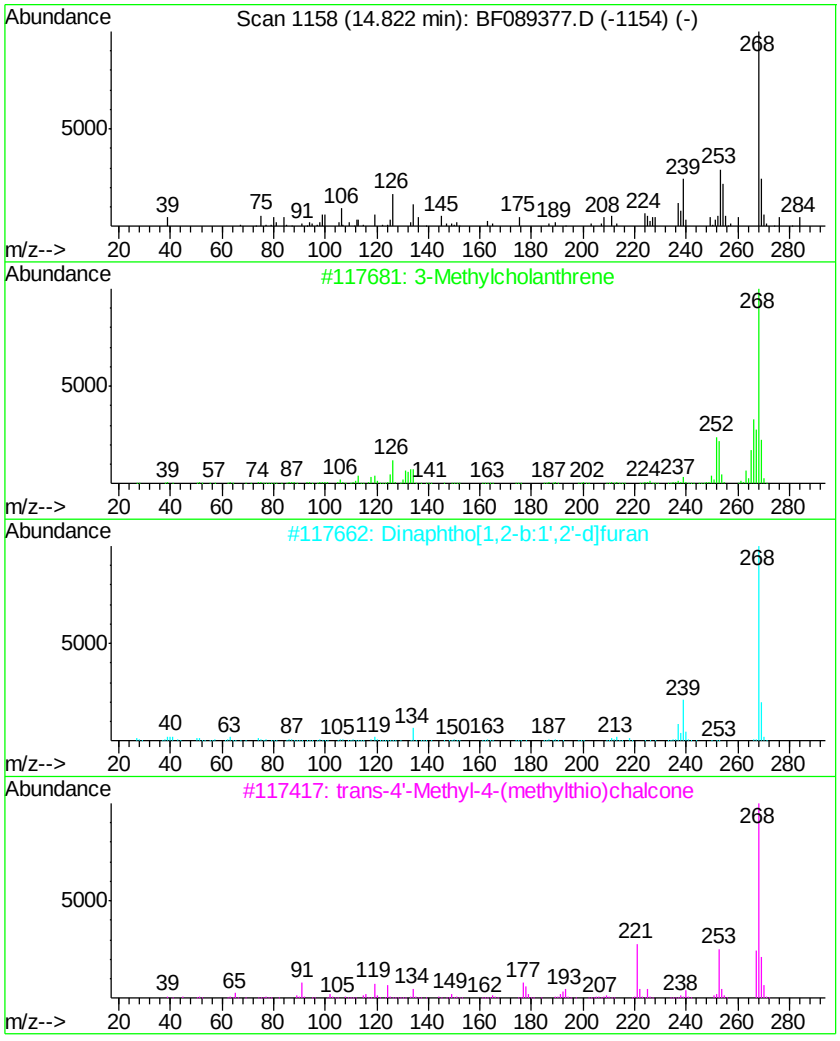
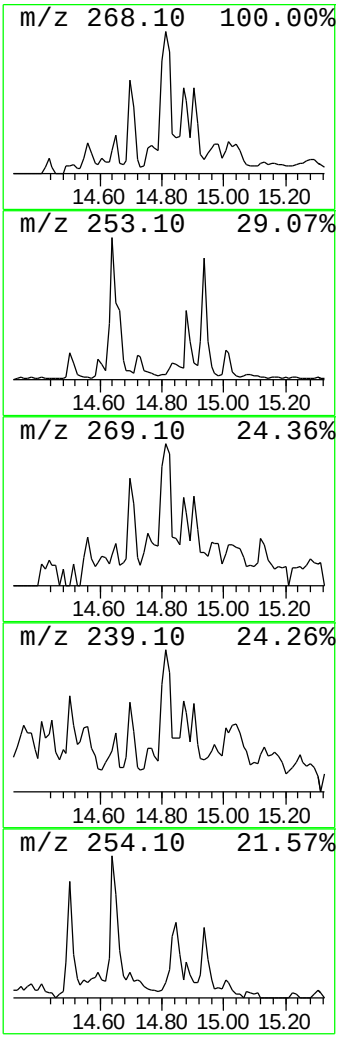
Peak Number 15 3-Methylcholanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.35 ng	54236	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	58
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	52
3	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	52
4	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	52
5	(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	50





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Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

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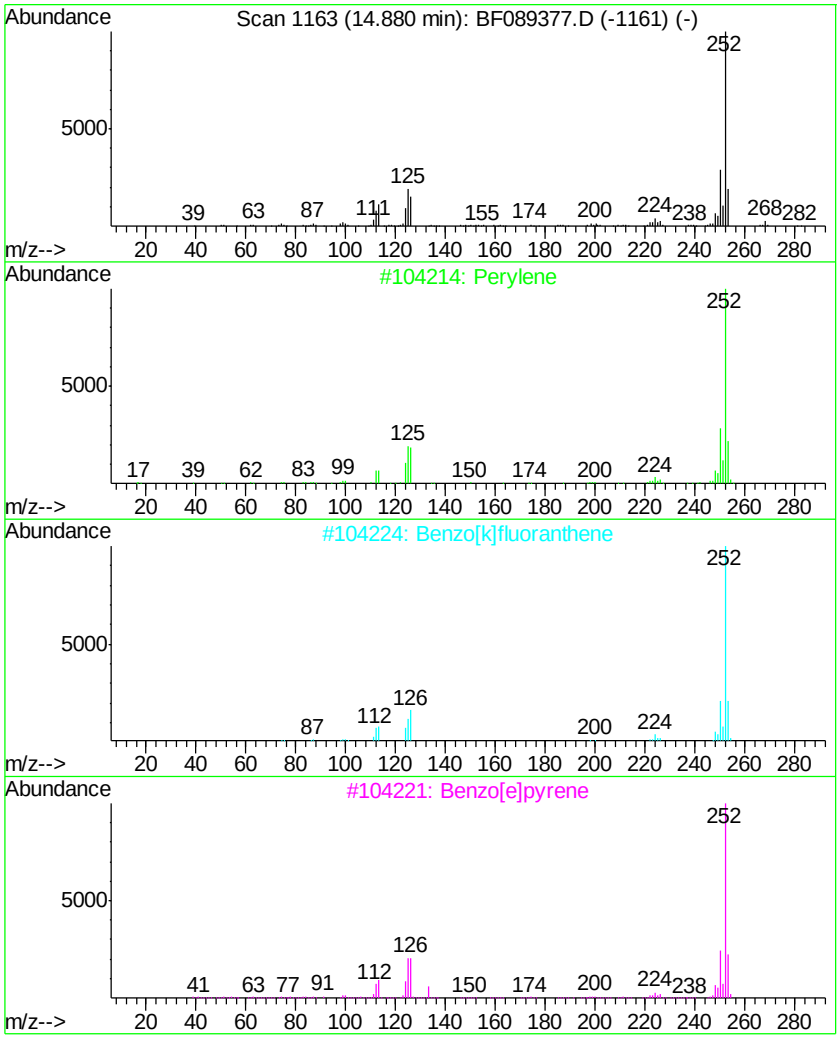
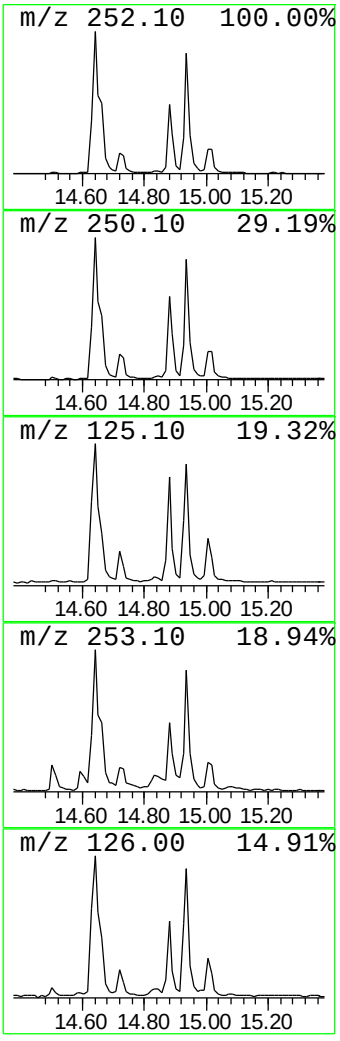
Peak Number 16 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	14.78 ng	341743	Perylene-d12	14.98

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





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Instrument : BNA_F
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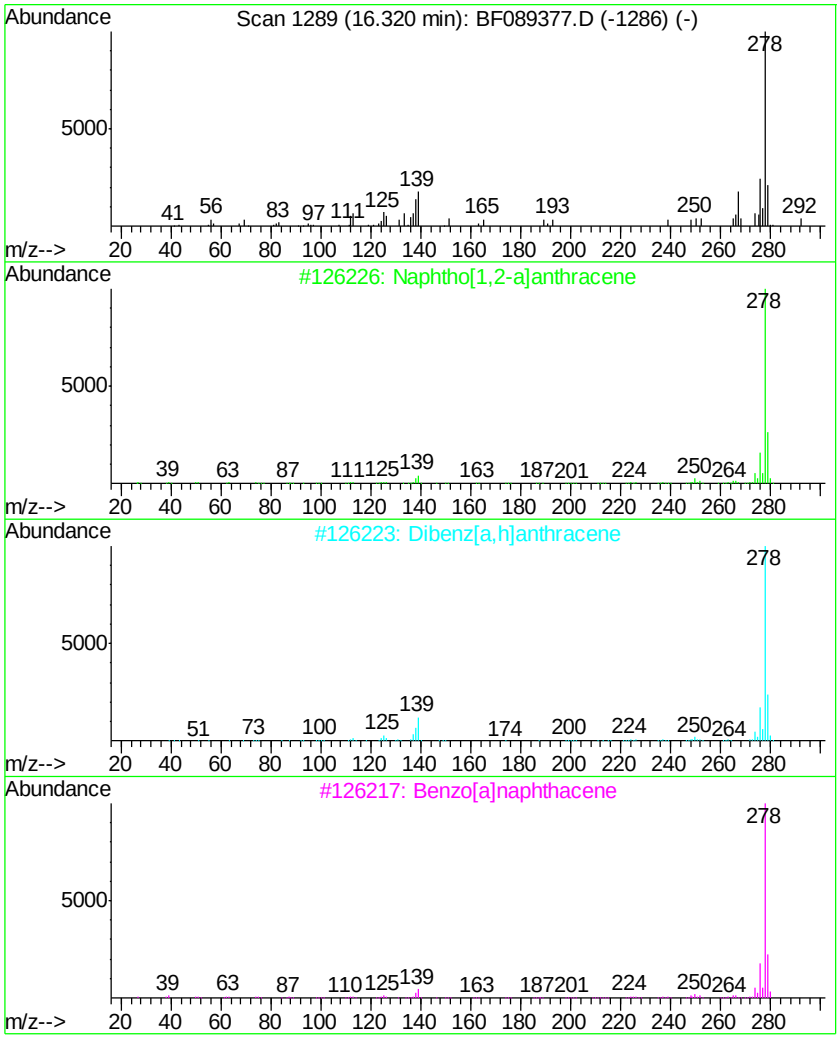
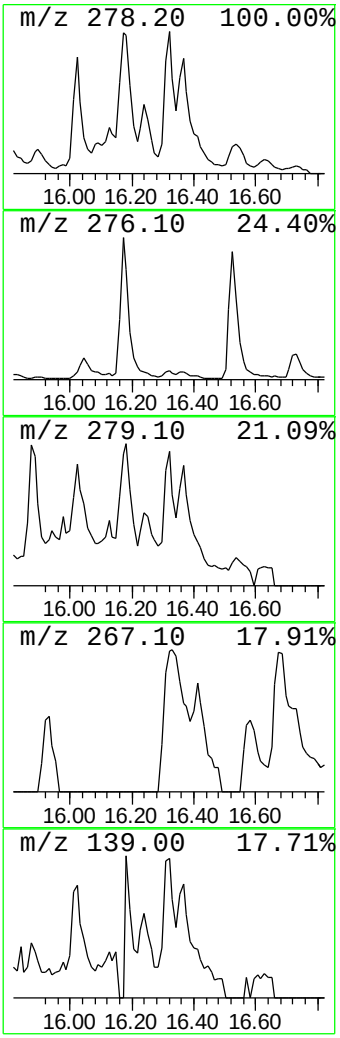
Peak Number 17 Naphtho[1,2-a]anthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.31 ng	76424	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	70
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	70
4	Pentaphene	278	C22H14	000222-93-5	64
5	Picene	278	C22H14	000213-46-7	64





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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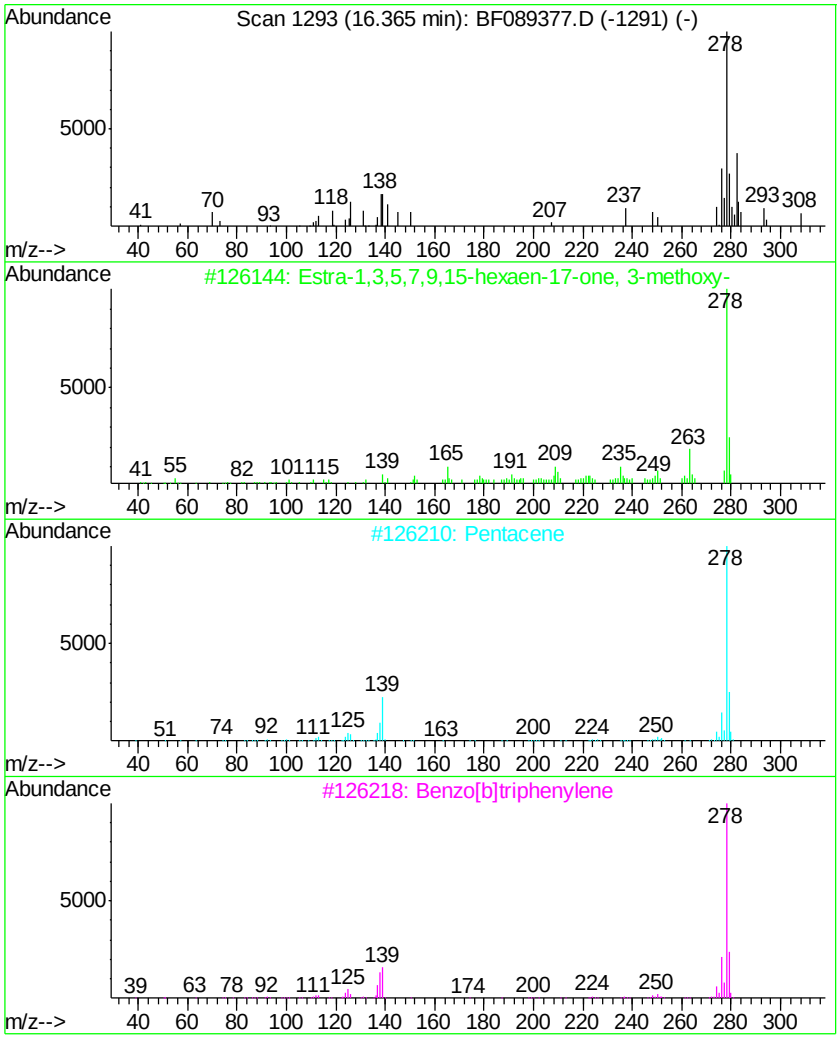
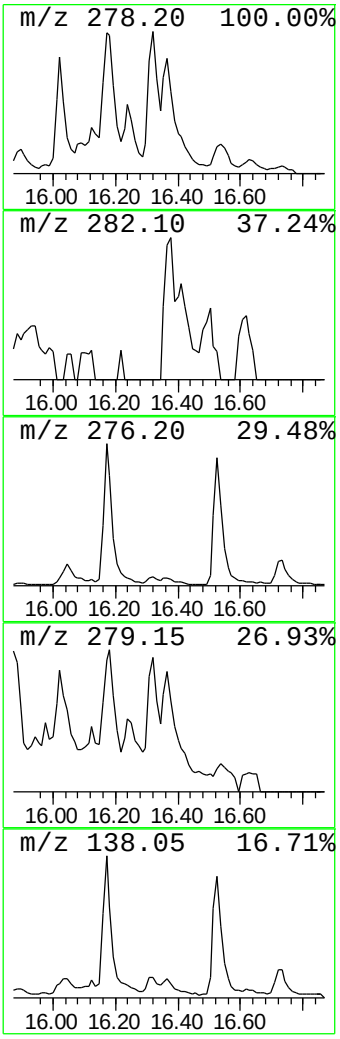
Peak Number 18 Estra-1,3,5,7,9,15-hexaen-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.54 ng	104850	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	50
2	Pentacene	278	C22H14	000135-48-8	49
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	49
4	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	49
5	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	47





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Misc :
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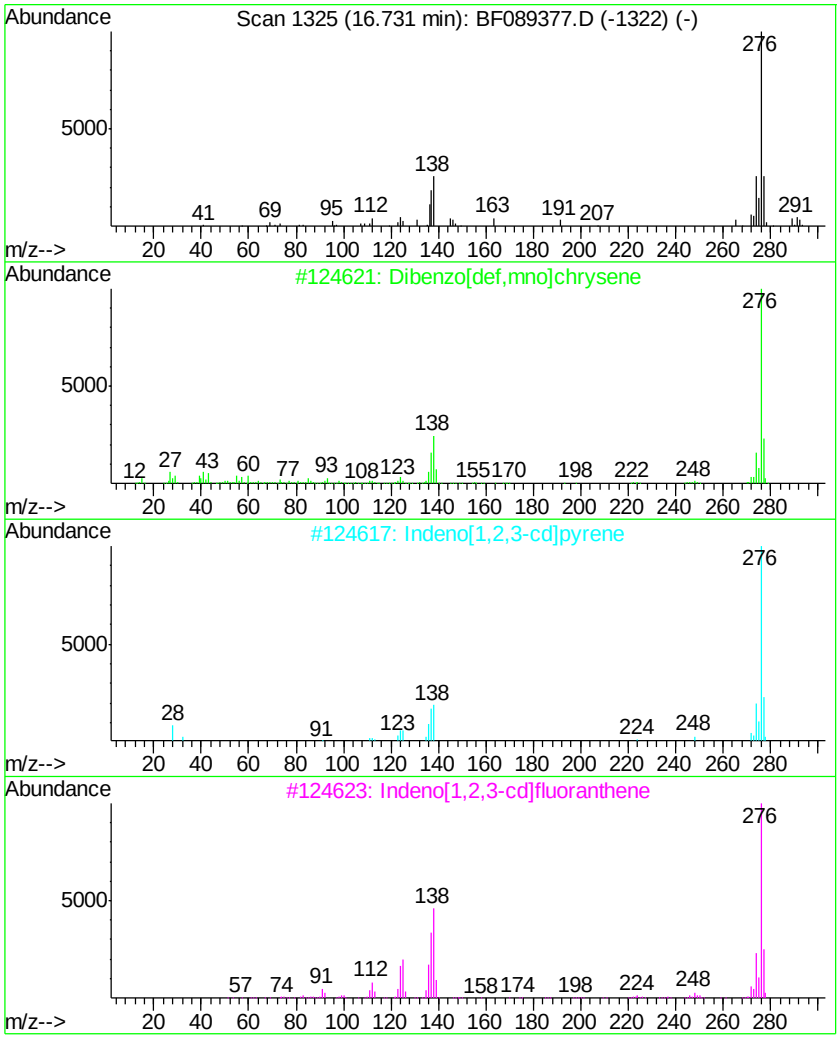
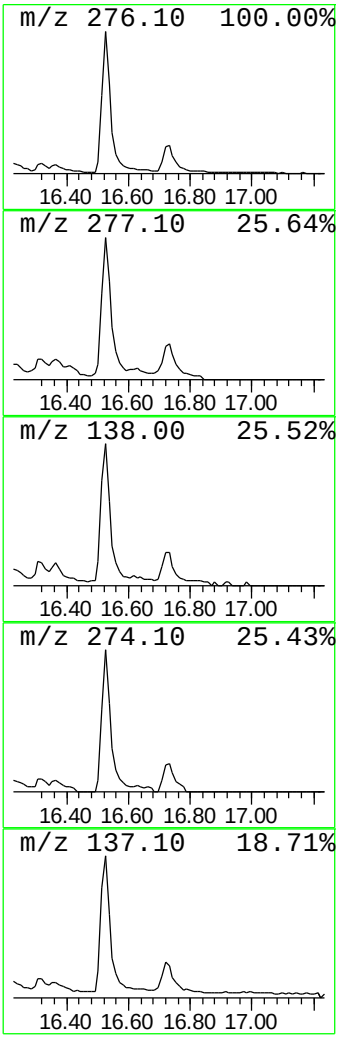
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.51 ng	81133	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	74
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

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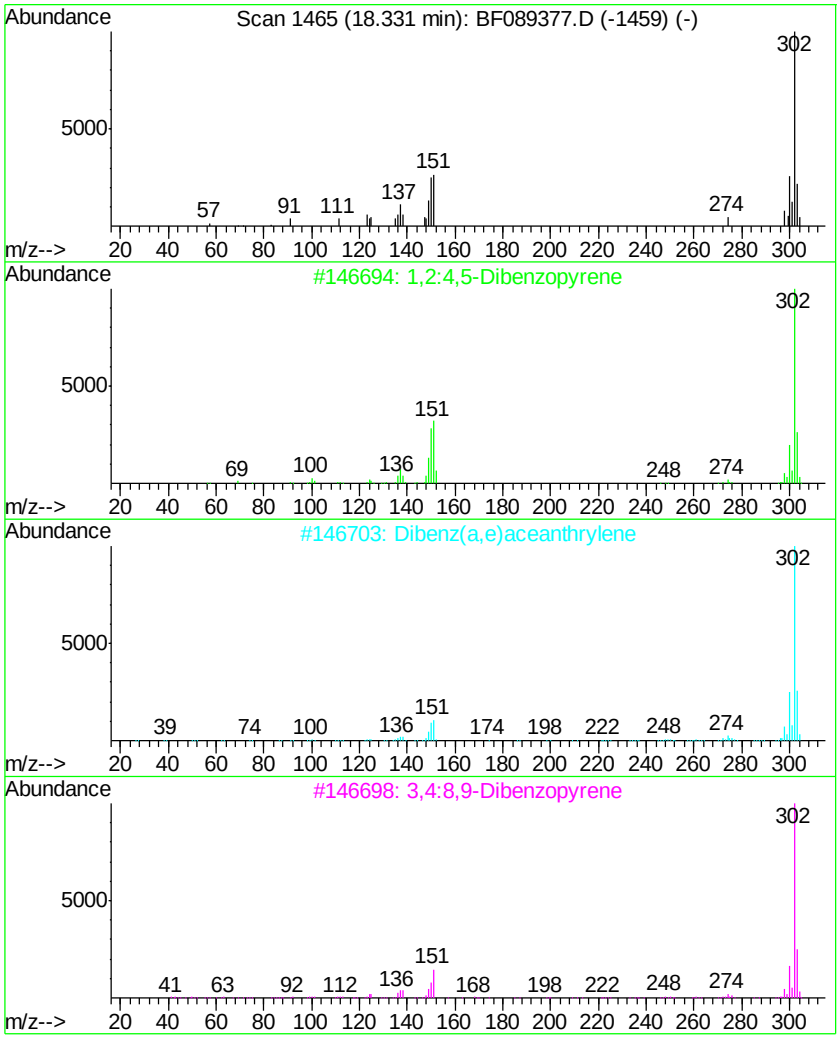
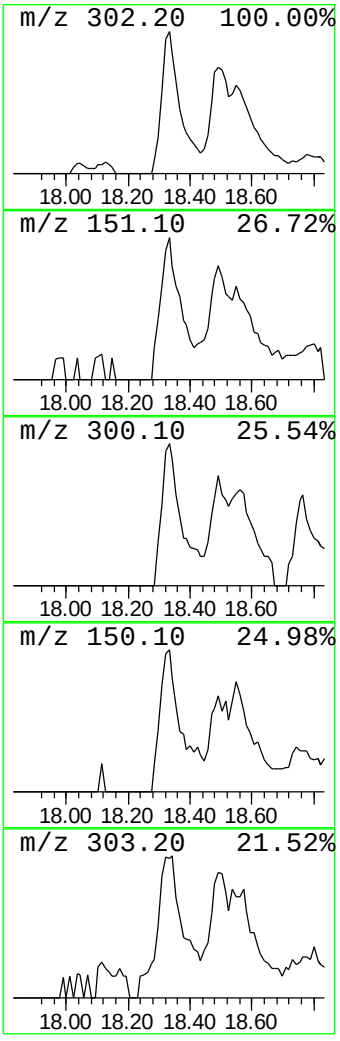
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.42 ng	102121	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	91
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089377.D
Acq On : 28 Jul 2016 22:14
Operator : UM/SJ
Sample : H4205-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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...	4.64	16.9	ng	231627	1	6.52	274926	20.0
unknown6.30	6.30	102.4	ng	1408150	1	6.52	274926	20.0
1,4-Methanonaphth...	8.62	2.3	ng	47637	2	7.80	420016	20.0
Naphthalene, 2,3-...	9.22	2.6	ng	65979	3	9.55	514684	20.0
Dibenzofuran, 4-m...	10.26	3.6	ng	92673	3	9.55	514684	20.0
4H-Cyclopenta[def...	11.63	3.6	ng	512361	4	11.03	2864010	20.0
Fluoranthene, 2-m...	12.79	4.4	ng	274568	5	13.65	1243380	20.0
Pyrene, 1-methyl-	12.86	2.3	ng	140448	5	13.65	1243380	20.0
Pyrene, 2-methyl-	12.89	2.8	ng	171825	5	13.65	1243380	20.0
Benz(a)anthracene...	14.35	4.6	ng	107339	6	14.98	462371	20.0
4,5-Dihydrobenzo[...	14.50	2.4	ng	54687	6	14.98	462371	20.0
3-Methylcholanthrene	14.82	2.4	ng	54236	6	14.98	462371	20.0
Perylene	14.88	14.8	ng	341743	6	14.98	462371	20.0
Naphtho[1,2-a]ant...	16.32	3.3	ng	76424	6	14.98	462371	20.0
Estra-1,3,5,7,9,1...	16.37	4.5	ng	104850	6	14.98	462371	20.0
Dibenzo[def,mno]c...	16.73	3.5	ng	81133	6	14.98	462371	20.0
1,2:4,5-Dibenzopy...	18.33	4.4	ng	102121	6	14.98	462371	20.0