LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089497.D
Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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	1.655	5	6	47	rVB	969659	2682871	100.00%	10.342%
2	4.570	258	261	270	rBV	187024	284812	10.62%	1.098%
3	5.061	302	304	317	rBV	434151	703562	26.22%	2.712%
4	6.159	397	400	407	rBV	579683	786525	29.32%	3.032%
5	6.261	407	409	414	rVV	813085	817168	30.46%	3.150%
6	6.341	414	416	427	rVB3	11537	33521	1.25%	0.129%
7	6.490	427	429	435	rBV	241734	263949	9.84%	1.017%
8	6.650	440	443	445	rBV	579933	619419	23.09%	2.388%
9	7.062	477	479	490	rBV	338563	483432	18.02%	1.864%
10	7.782	540	542	544	rBV	315205	317195	11.82%	1.223%
11	8.856	634	636	639	rBV	799112	766579	28.57%	2.955%
12	9.256	669	671	674	rBV	112883	114335	4.26%	0.441%
13	9.519	692	694	696	rBV2	294469	287271	10.71%	1.107%
14	10.068	740	742	745	rVB	27575	26852	1.00%	0.104%
15	10.308	760	763	766	rBV	393102	367408	13.69%	1.416%
16	10.445	773	775	780	rVB	33259	46702	1.74%	0.180%
17	10.890	813	814	821	rVB	38378	41532	1.55%	0.160%
18	11.016	821	825	828	rBV2	522705	808422	30.13%	3.116%
19	11.073	828	830	832	rVB	150057	155498	5.80%	0.599%
20	11.245	842	845	848	rBV4	25883	61333	2.29%	0.236%
21	11.313	850	851	856	rVB3	14093	29225	1.09%	0.113%
22	11.496	865	867	868	rBV	83436	75974	2.83%	0.293%
23	11.519	868	869	871	rVV	96553	105663	3.94%	0.407%
24	11.576	871	874	875	rVV3	40781	86274	3.22%	0.333%
25	11.599	875	876	882	rVB	176246	295326	11.01%	1.138%
26	11.793	889	893	894	rVV	68119	84216	3.14%	0.325%
27	11.828	894	896	898	rVB	37796	56168	2.09%	0.217%
28	11.942	903	906	907	rBV	17173	26936	1.00%	0.104%
29	12.045	913	915	916	rBV	56765	64269	2.40%	0.248%
30	12.079	916	918	919	rBV	43369	43547	1.62%	0.168%
31	12.125	919	922	925	rVB4	144917	218058	8.13%	0.841%
32	12.205	926	929	932	rBV	1589137	1681135	62.66%	6.481%
33	12.262	932	934	936	rBV3	32681	52072	1.94%	0.201%
34	12.308	936	938	939	rVB	121100	132426	4.94%	0.510%

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Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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	12.342	939	941	943	rBV	107341	122816	4.58%	0.473%
36	12.433	946	949	951	rBV	1432844	1890797	70.48%	7.289%
37	12.479	951	953	955	rVB	62741	91857	3.42%	0.354%
38	12.514	955	956	958	rBV	56498	53614	2.00%	0.207%
39	12.548	958	959	960	rBV	96912	80257	2.99%	0.309%
40	12.582	960	962	965	rVB	809091	897818	33.46%	3.461%
41	12.651	965	968	973	rBV3	109485	217817	8.12%	0.840%
42	12.754	973	977	979	rVB2	280485	403865	15.05%	1.557%
43	12.799	979	981	982	rBV	99366	124960	4.66%	0.482%
44	12.822	982	983	984	rVB	129072	88543	3.30%	0.341%
45	12.856	984	986	990	rVB	198380	235645	8.78%	0.908%
46	12.948	992	994	995	rBV	135143	113913	4.25%	0.439%
47	12.982	995	997	1001	rVB2	75654	159973	5.96%	0.617%
48	13.074	1001	1005	1006	rBV3	25230	53181	1.98%	0.205%
49	13.154	1008	1012	1015	rBV5	93627	223816	8.34%	0.863%
50	13.268	1018	1022	1025	rBV	122766	211908	7.90%	0.817%
51	13.371	1028	1031	1034	rBV2	192818	387247	14.43%	1.493%
52	13.474	1039	1040	1044	rVB2	127357	198201	7.39%	0.764%
53	13.542	1044	1046	1049	rVB	25965	47171	1.76%	0.182%
54	13.611	1049	1052	1054	rBV2	784417	1509284	56.26%	5.818%
55	13.645	1054	1055	1059	rVB	582647	817891	30.49%	3.153%
56	13.725	1059	1062	1063	rBV	141734	138698	5.17%	0.535%
57	13.771	1063	1066	1069	rBV4	52444	88451	3.30%	0.341%
58	13.828	1069	1071	1072	rBV2	55886	76194	2.84%	0.294%
59	13.965	1082	1083	1084	rBV	52044	62220	2.32%	0.240%
60	14.011	1084	1087	1088	rVV	117726	192476	7.17%	0.742%
61	14.034	1088	1089	1092	rVV2	56004	84176	3.14%	0.324%
62	14.102	1092	1095	1096	rVV3	49742	98498	3.67%	0.380%
63	14.125	1096	1097	1101	rVB2	113222	161895	6.03%	0.624%
64	14.319	1111	1114	1118	rBV4	53456	147616	5.50%	0.569%
65	14.411	1118	1122	1126	rVV4	45282	114731	4.28%	0.442%
66	14.479	1126	1128	1129	rBV	67217	82116	3.06%	0.317%
67	14.537	1131	1133	1135	rVV2	50017	72726	2.71%	0.280%
68	14.617	1137	1140	1144	rVV	731791	1392507	51.90%	5.368%
69	14.697	1146	1147	1152	rVB	179907	223511	8.33%	0.862%
70	14.857	1158	1161	1164	rVB	405381	439048	16.36%	1.692%
71	14.914	1164	1166	1168	rBV	520784	616312	22.97%	2.376%

LSC Area Percent Report

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Acq On : 1 Aug 2016 6:00
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Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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

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Peak separation: 5

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

72	14.959	1168	1170	1171	rBV	152143	171316	6.39%	0.660%
73	15.348	1201	1204	1206	rBV2	36461	67777	2.53%	0.261%
74	16.137	1270	1273	1276	rBV	212348	381681	14.23%	1.471%
75	16.274	1282	1285	1287	rBV	51921	108461	4.04%	0.418%
76	16.491	1301	1304	1311	rBV	171989	340455	12.69%	1.312%
77	16.685	1318	1321	1327	rVB2	49764	131917	4.92%	0.509%
78	18.274	1456	1460	1469	rVB	36278	137300	5.12%	0.529%
79	18.434	1470	1474	1476	rBV	21278	60752	2.26%	0.234%

Sum of corrected areas: 25941083

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089497.D
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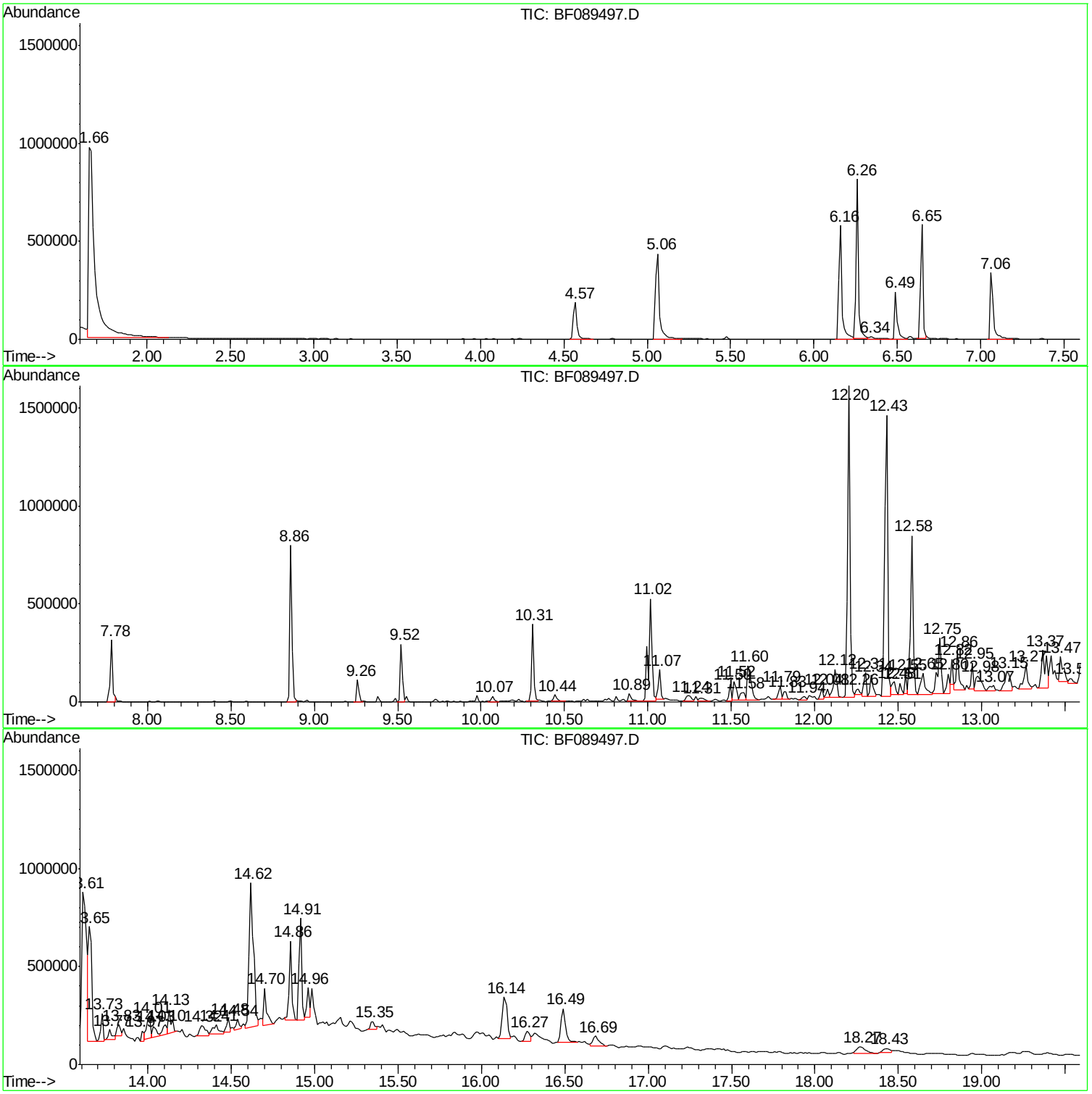
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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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Data File : BF089497.D
Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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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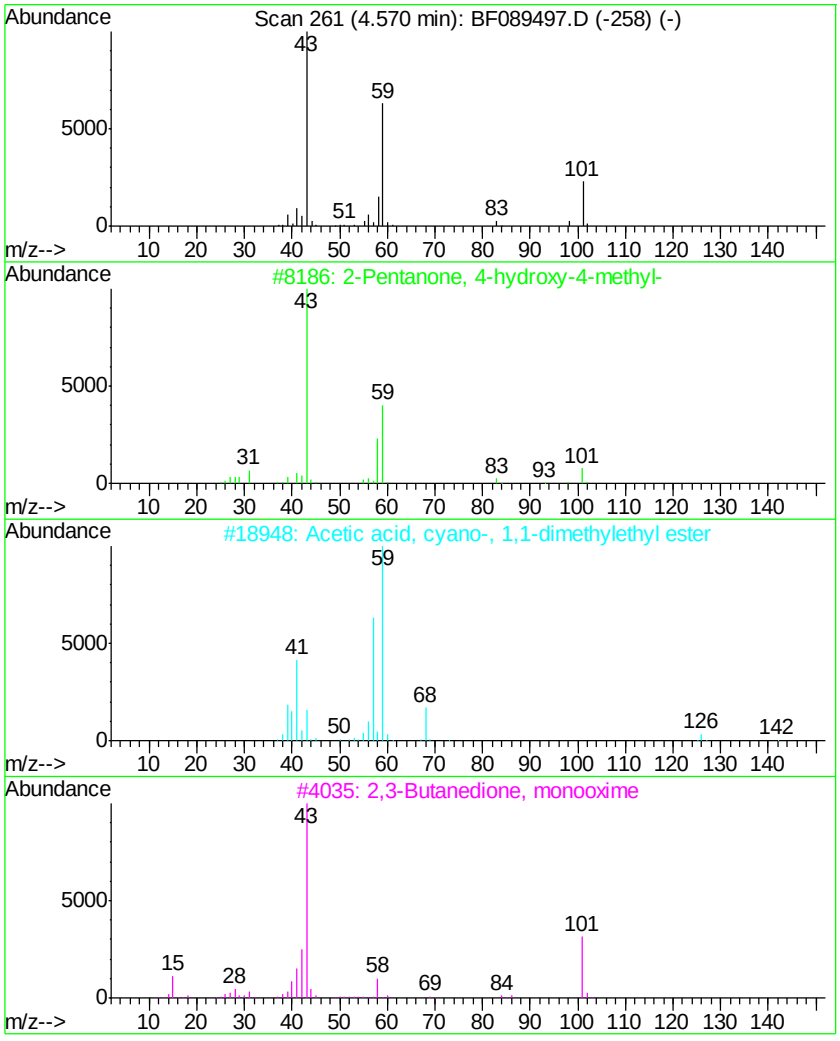
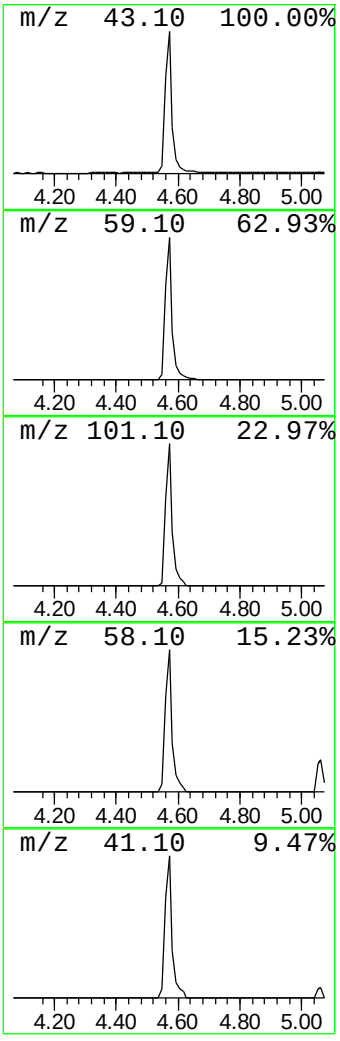
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	21.58 ng	284812	1,4-Dichlorobenzene-d4	6.49

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	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF089497.D
Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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

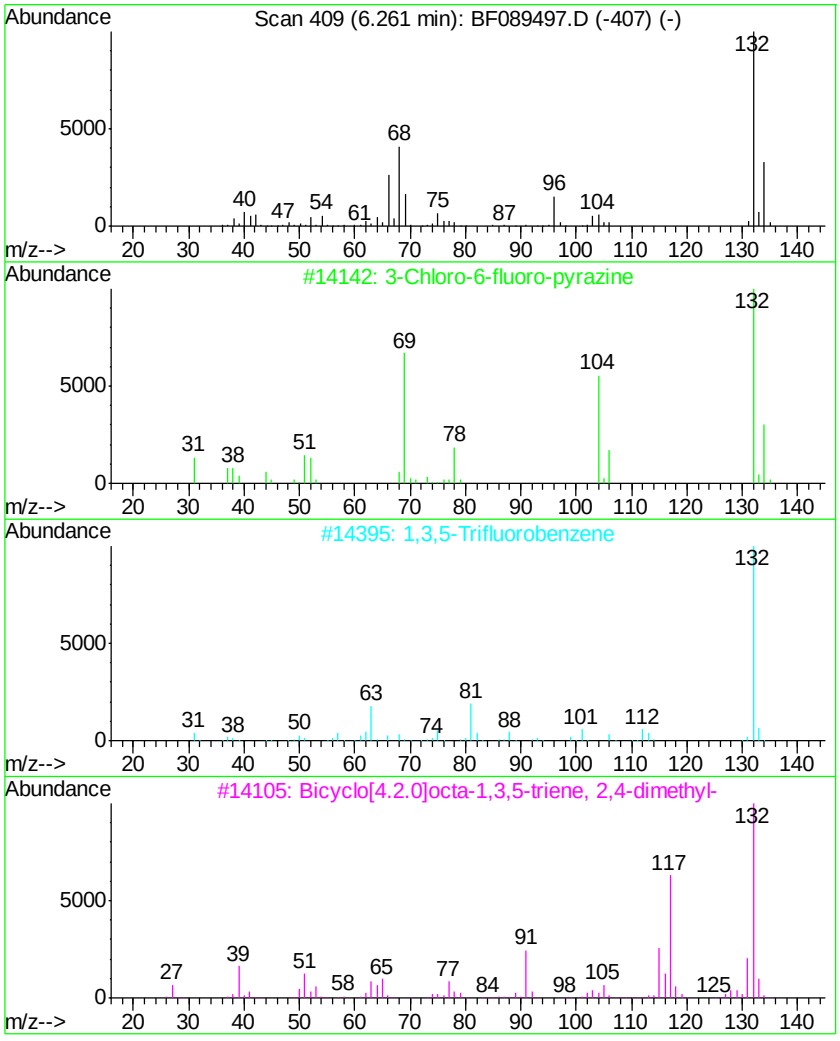
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

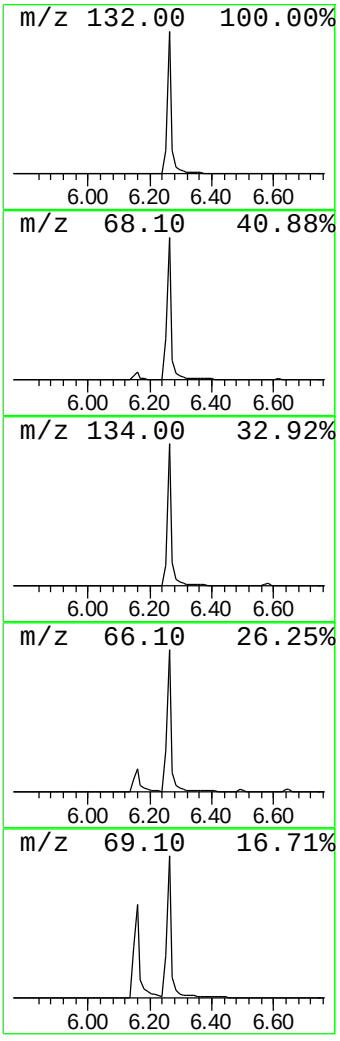
****

Peak Number 3 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	61.92 ng	817168	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
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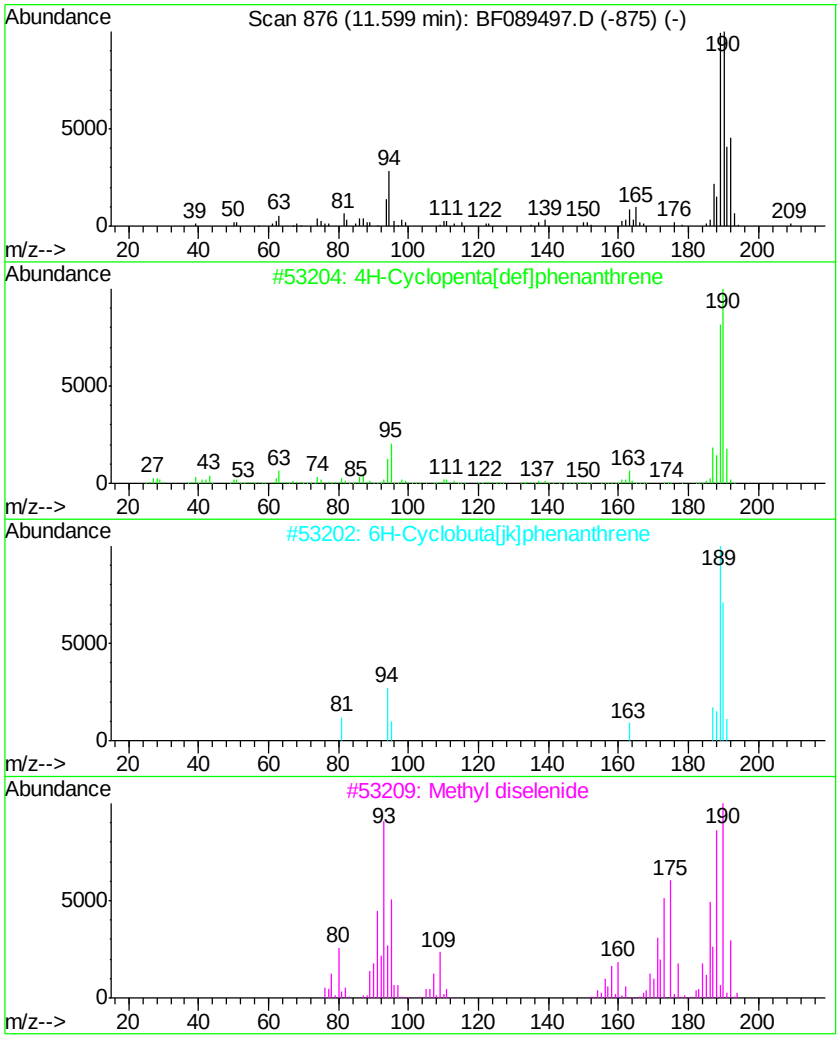
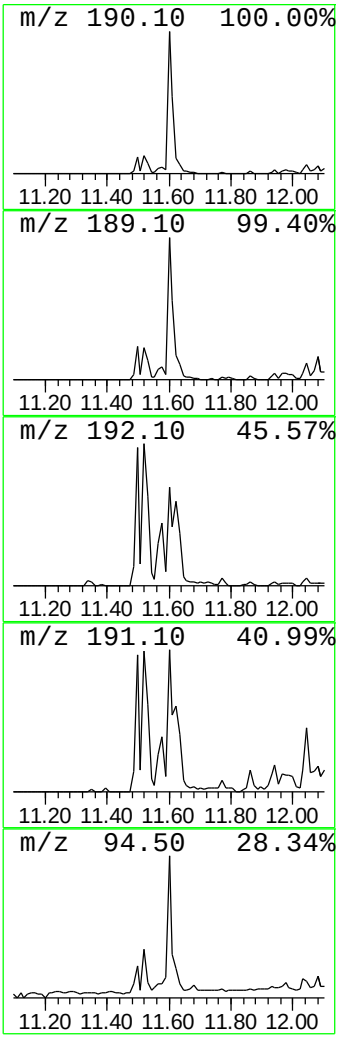
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	7.31 ng	295326	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





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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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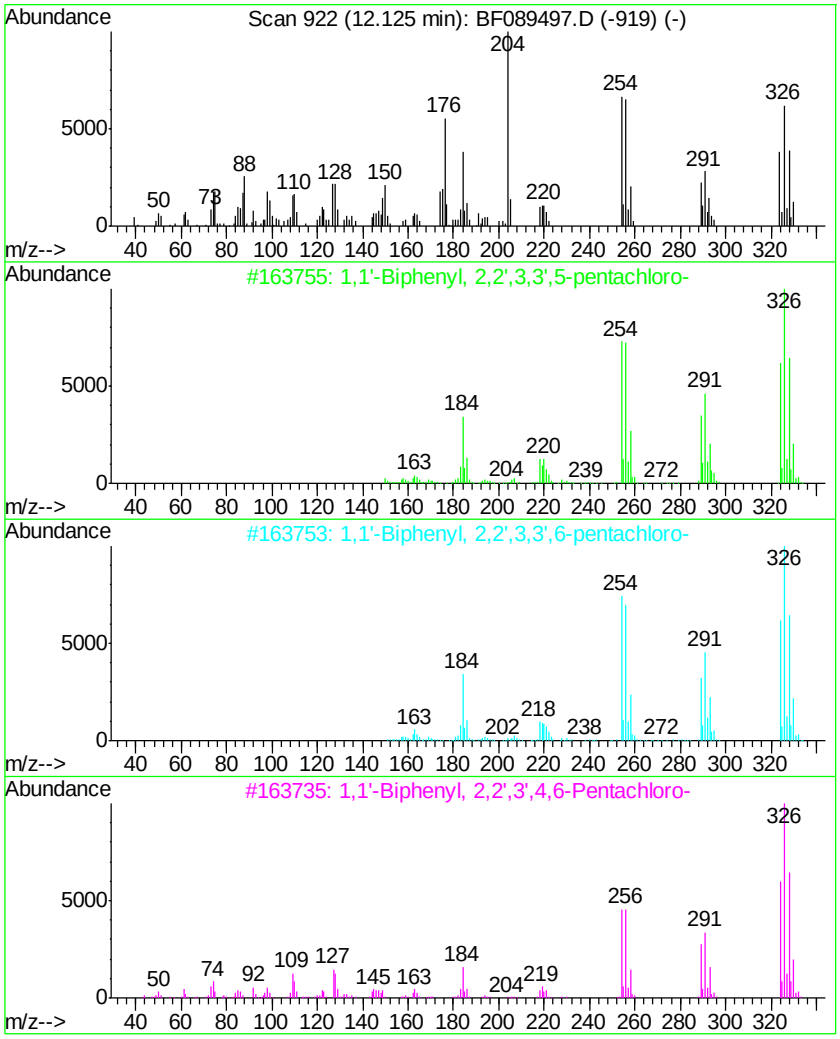
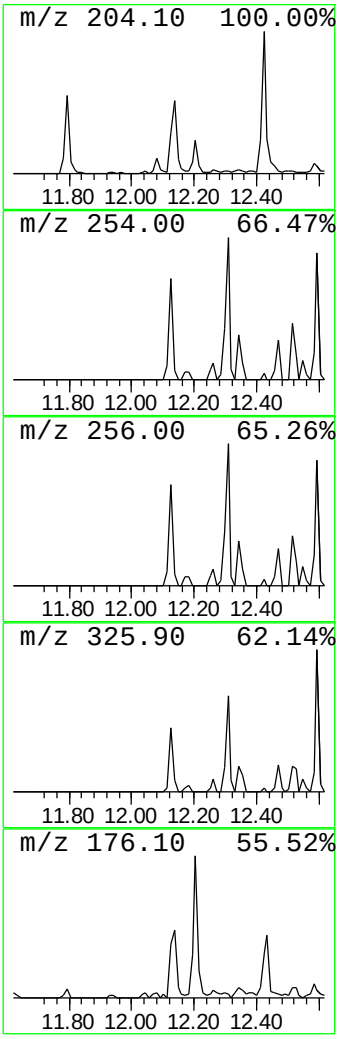
Peak Number 6 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.39 ng	218058	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99





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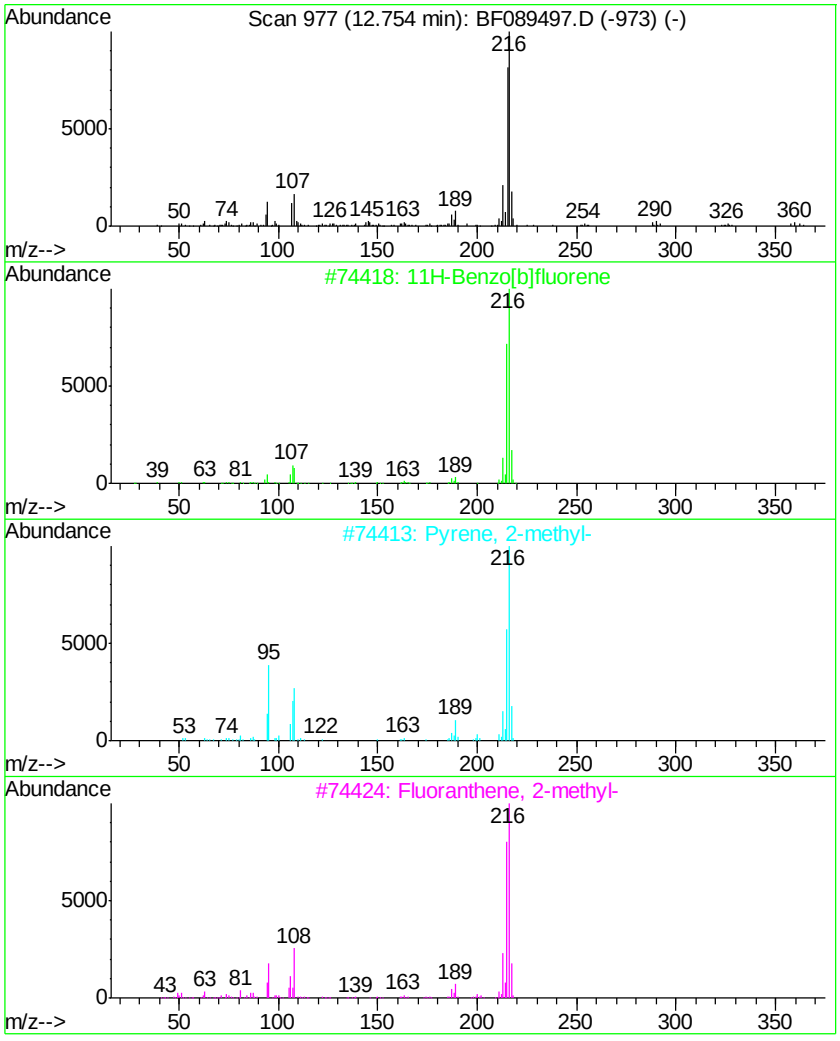
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

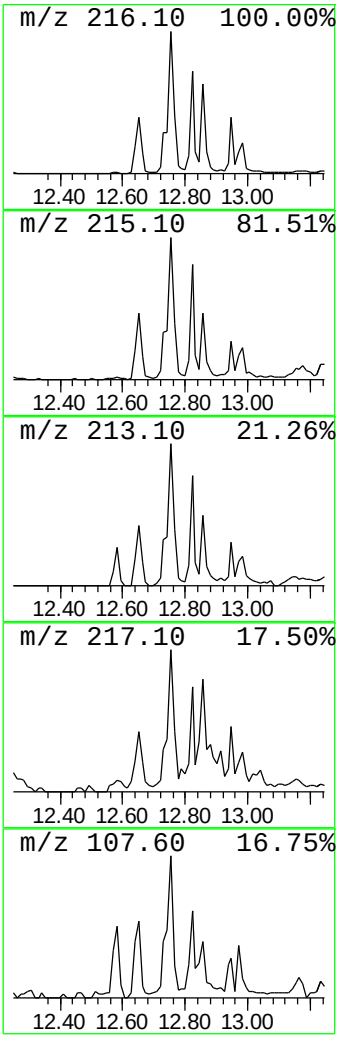
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.35 ng	403865	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089497.D
Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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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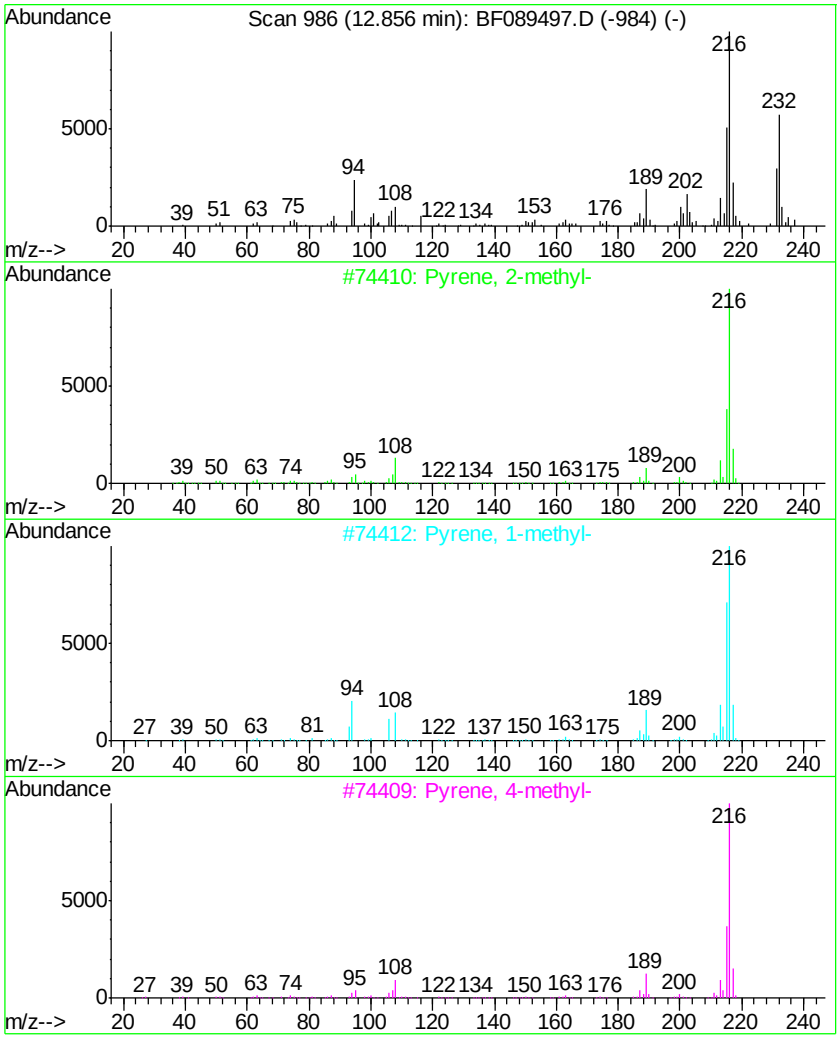
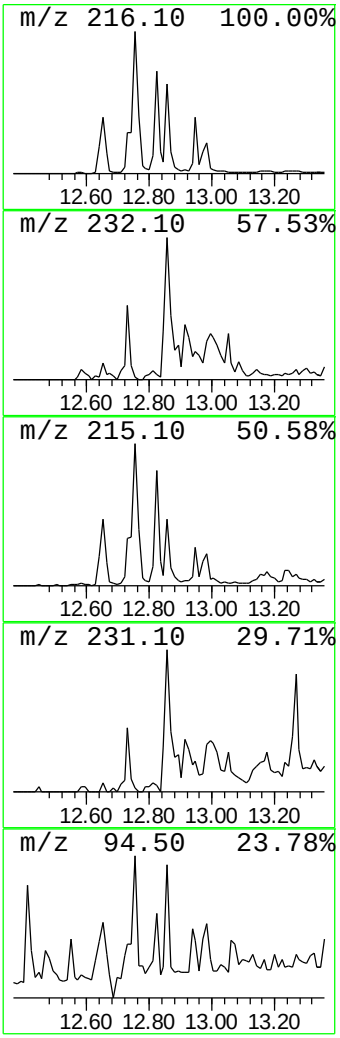
Peak Number 8 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	3.12 ng	235645	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089497.D
Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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

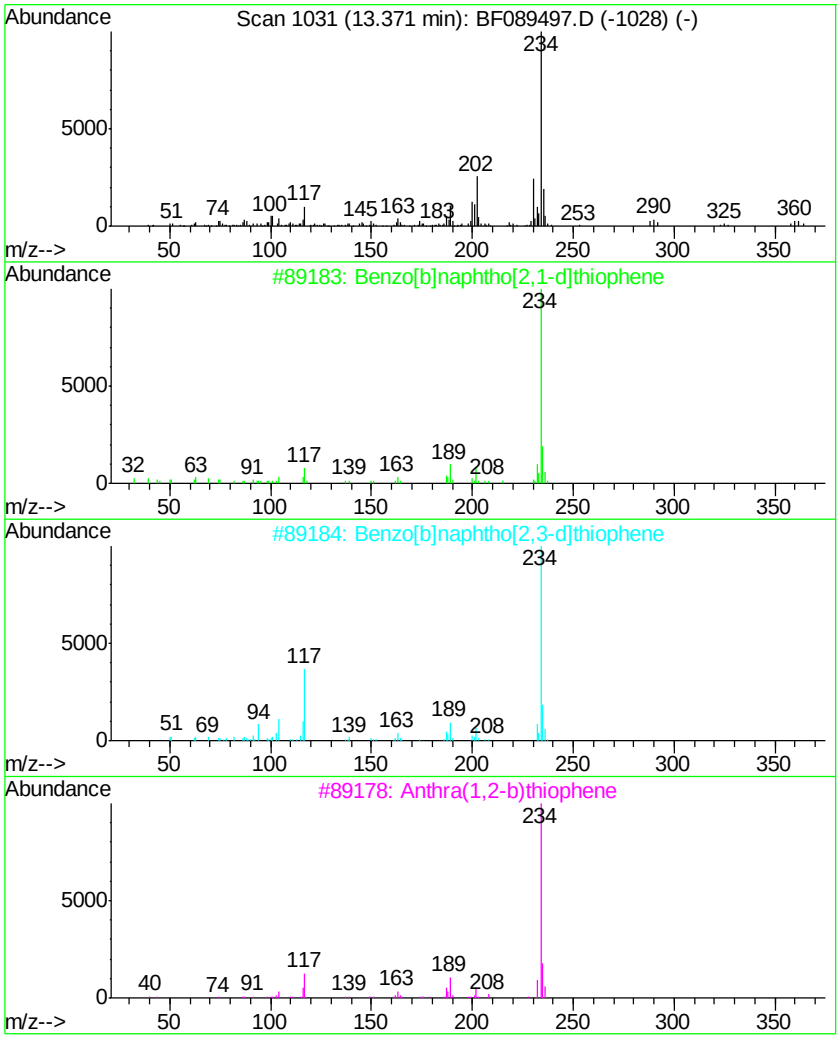
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

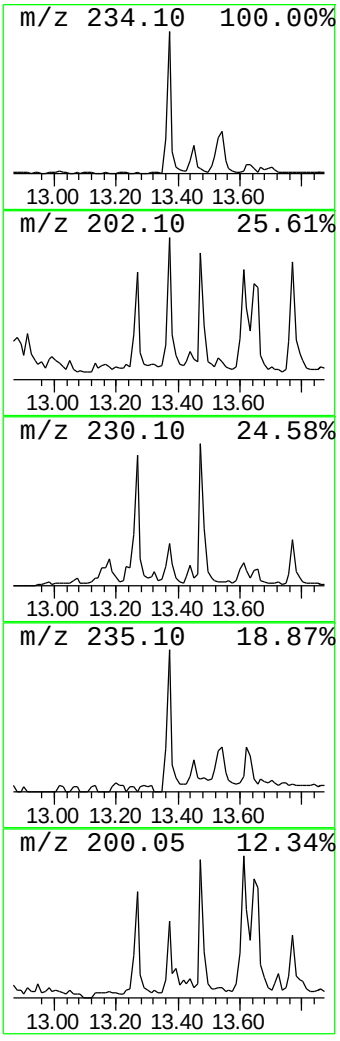
****

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	5.13 ng	387247	Chrysene-d12	13.62

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	70
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	64
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	60





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Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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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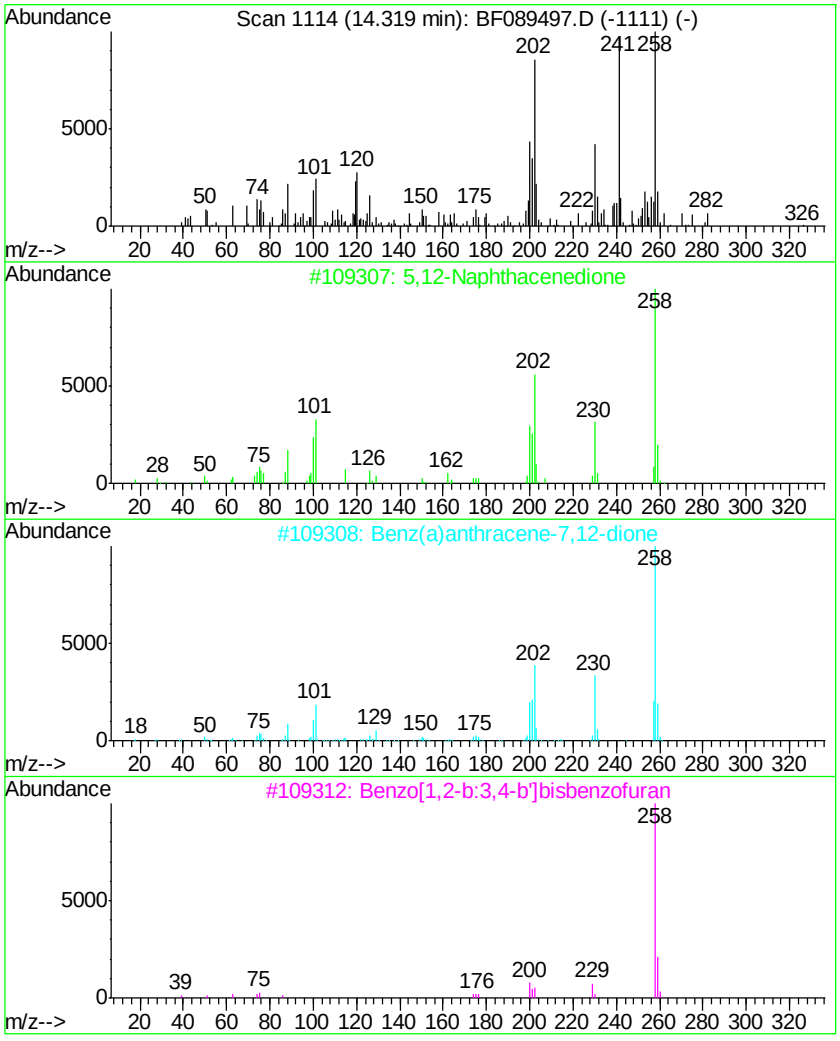
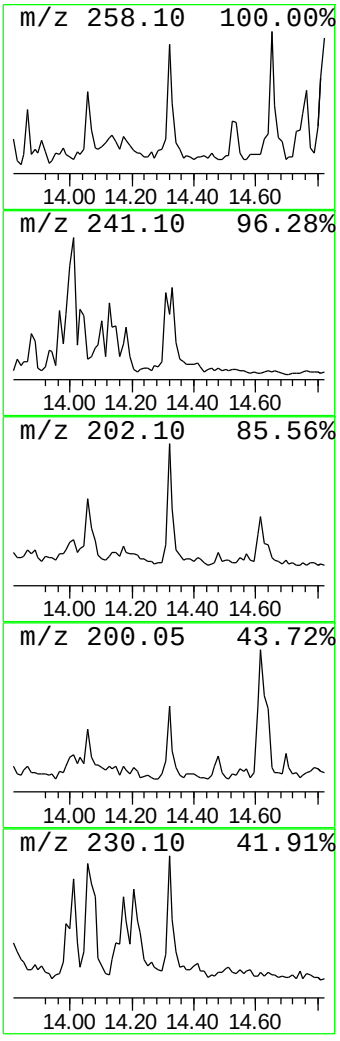
****

Peak Number 10 5,12-Naphthacenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	17.23 ng	147616	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	78
3	Benzo[1,2-b:3,4-b']bisbenzofuran	258	C18H10O2	000198-88-9	25
4	Benzoic acid, 4,4'-oxybis-	258	C14H10O5	002215-89-6	20
5	Cobalt, (1,3,6-cyclooctatriene)-...	230	C13H15Co	032697-39-5	18





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Operator : UM/SJ
Sample : H4215-06
Misc :
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Instrument : BNA_F
ClientSampleId : SB-13-COMP

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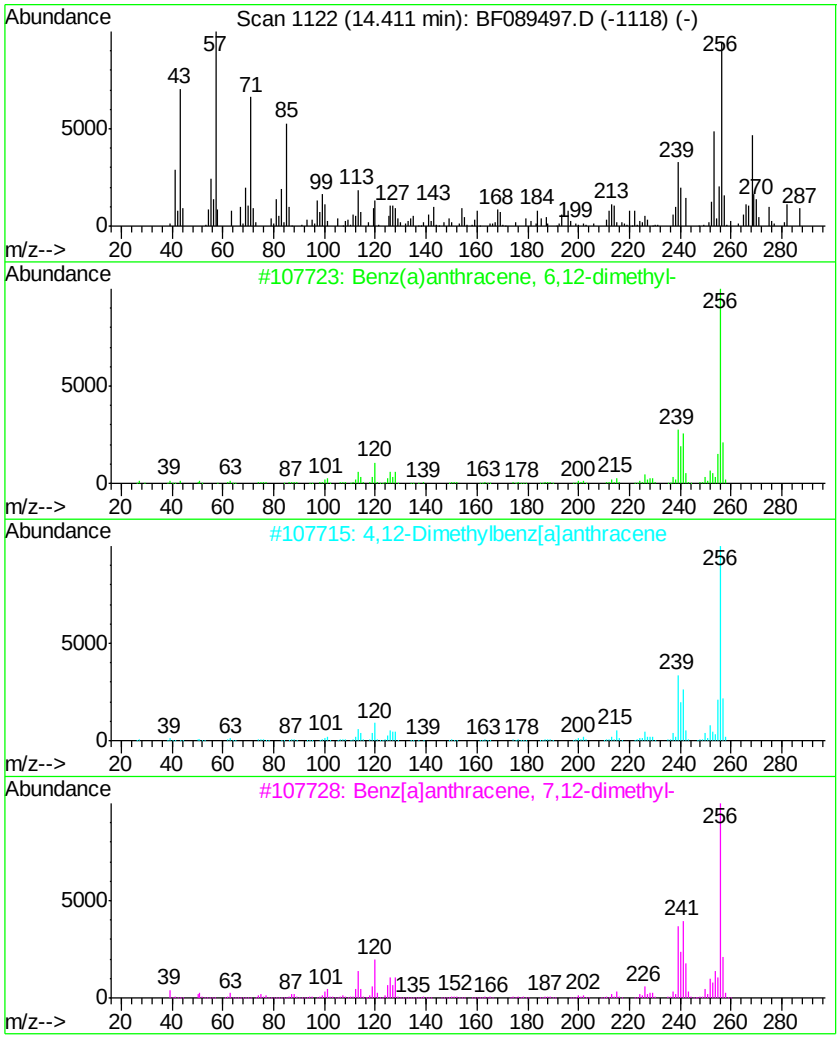
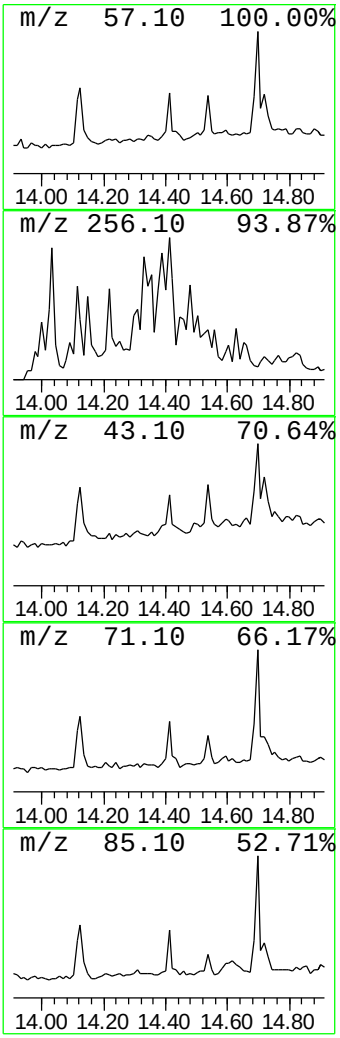
Peak Number 11 Benz(a)anthracene, 6,12-dim... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	13.39 ng	114731	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	62
2	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	62
3	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	56
4	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	46
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	46





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Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : SB-13-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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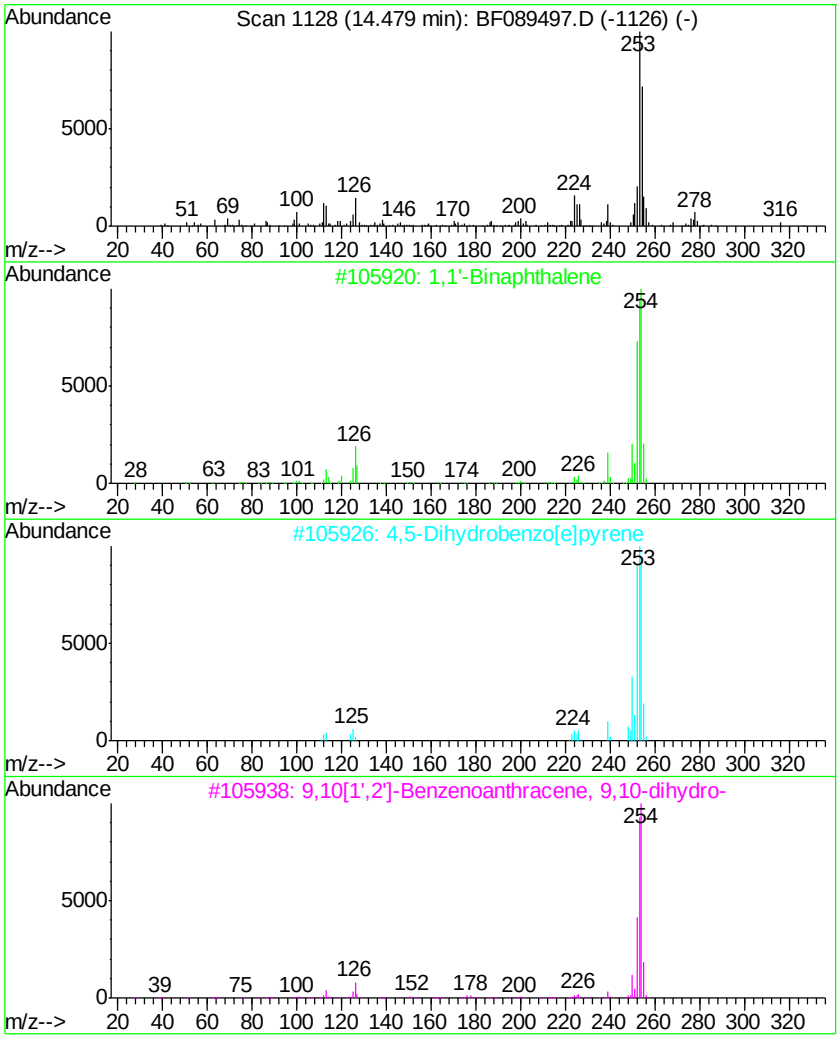
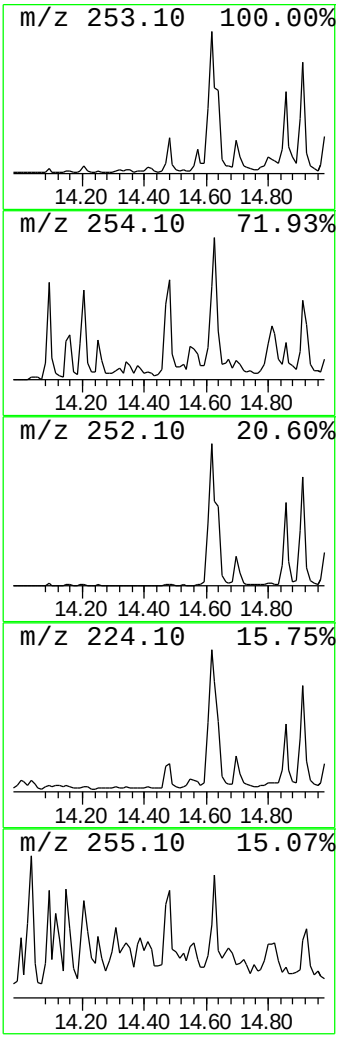
Peak Number 12 1,1'-Binaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	9.59 ng	82116	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	70
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	68





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Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

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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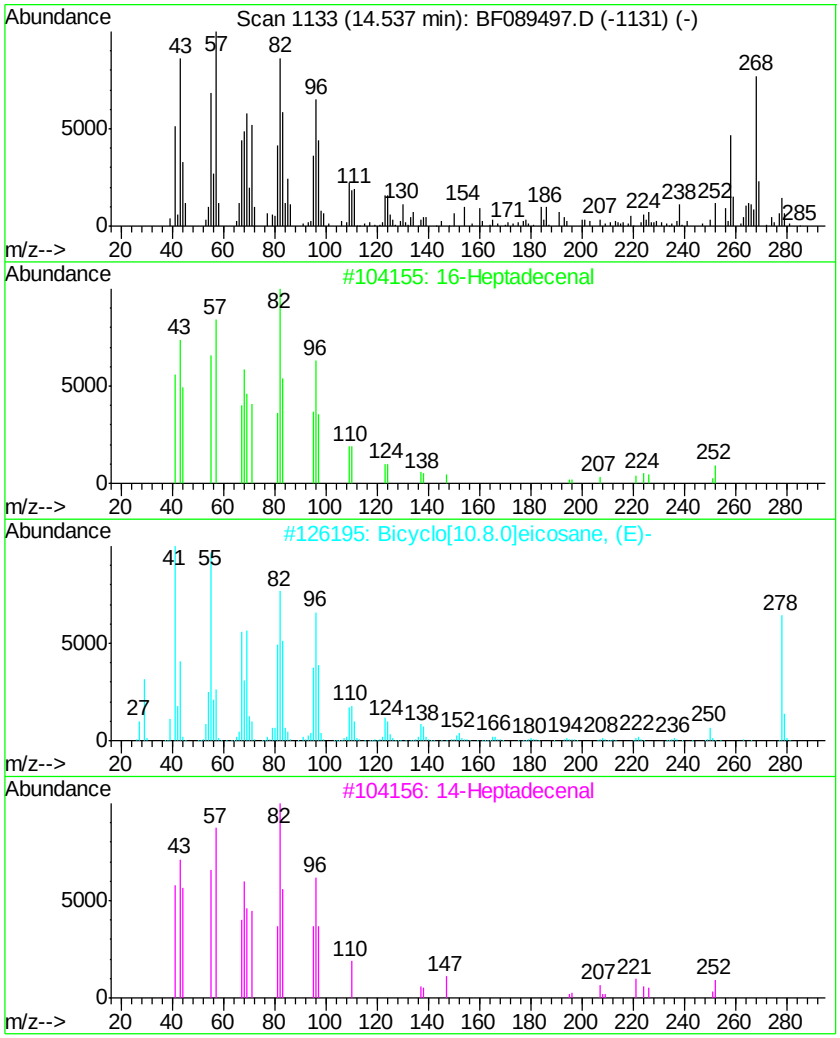
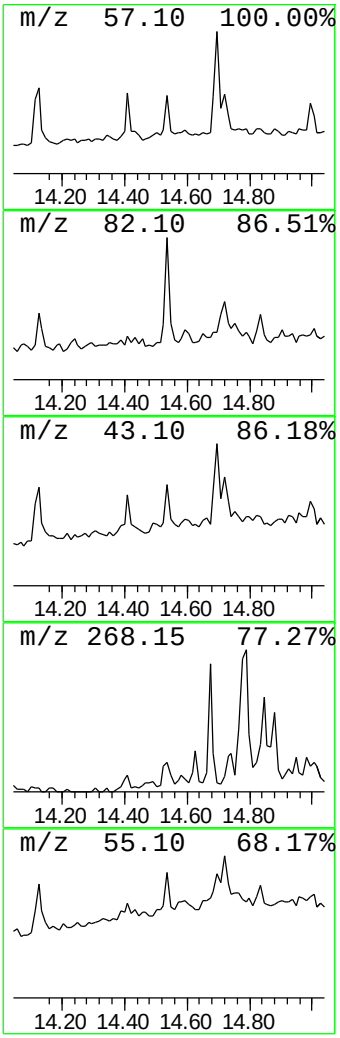
Peak Number 13 16-Heptadecenal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	8.49 ng	72726	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	86
2	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	86
3	14-Heptadecenal	252	C17H32O	1000144-58-0	86
4	Octadecanal	268	C18H36O	000638-66-4	59
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	53





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Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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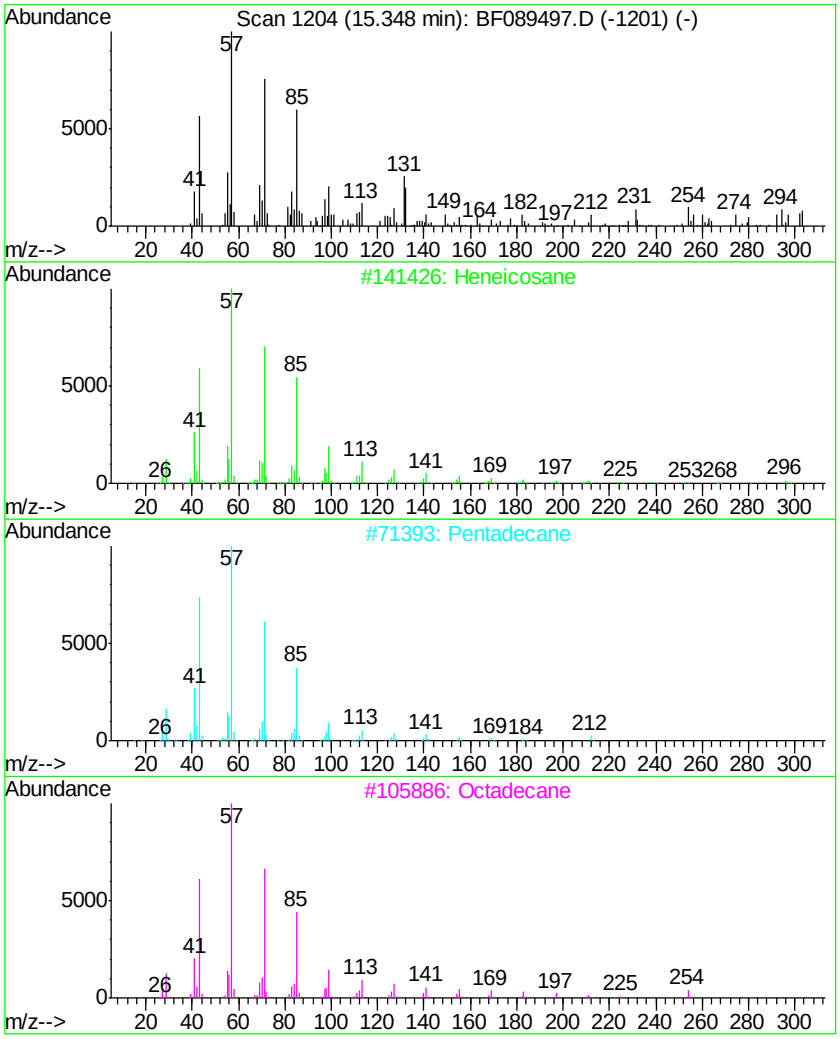
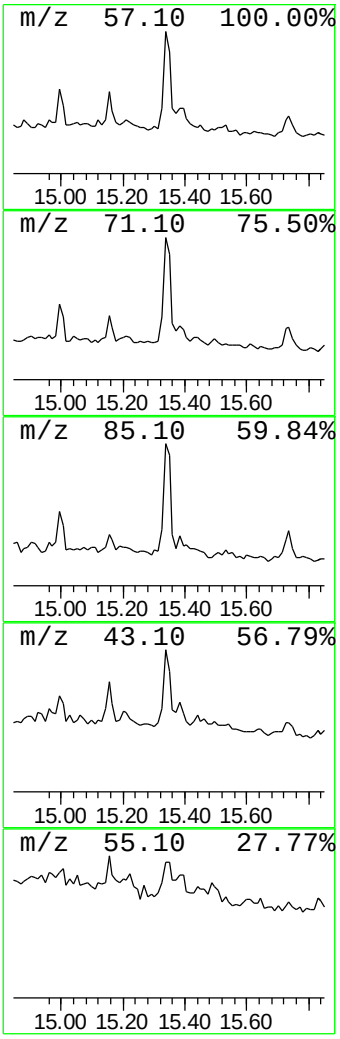
Peak Number 16 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	7.91 ng	67777	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Pentadecane	212	C15H32	000629-62-9	78
3	Octadecane	254	C18H38	000593-45-3	70
4	Octacosane	394	C28H58	000630-02-4	64
5	Hexacosane	366	C26H54	000630-01-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089497.D
Acq On : 1 Aug 2016 6:00
Operator : UM/SJ
Sample : H4215-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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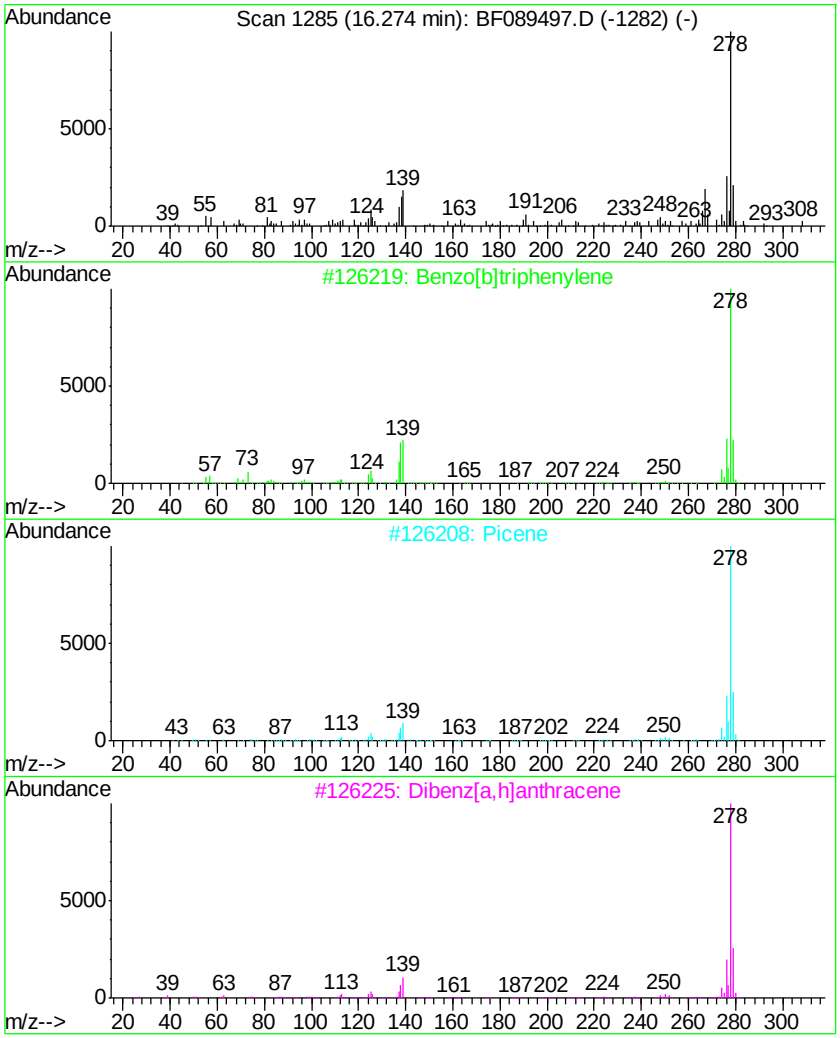
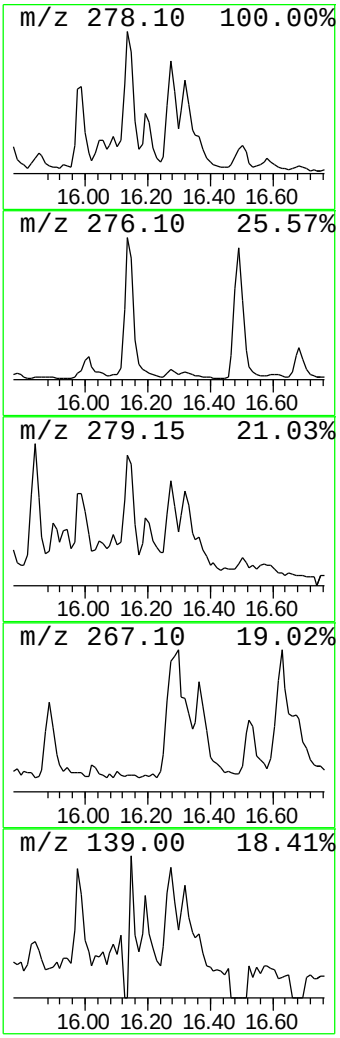
Peak Number 17 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	12.66 ng	108461	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Picene	278	C22H14	000213-46-7	97
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Pentacene	278	C22H14	000135-48-8	83
5	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	64





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
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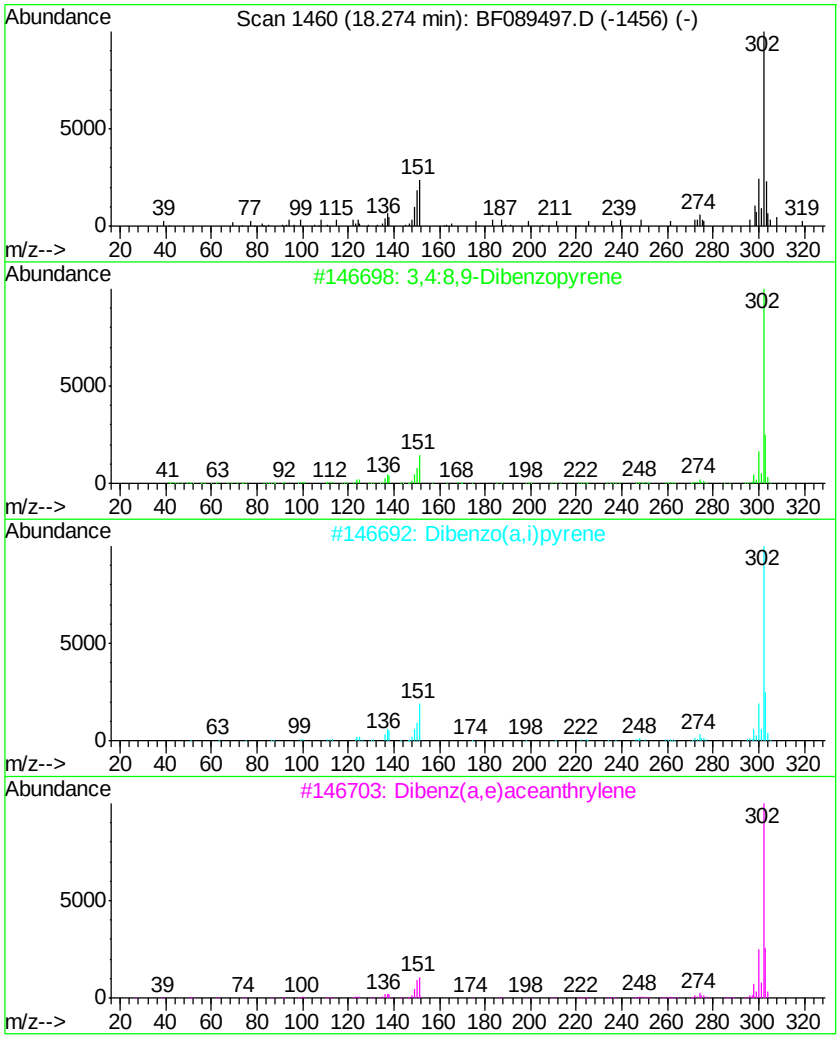
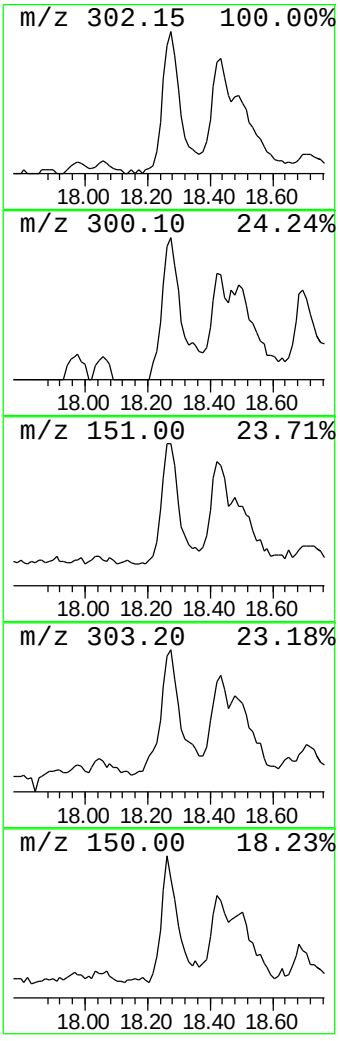
Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	16.03 ng	137300	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	95
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	70





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
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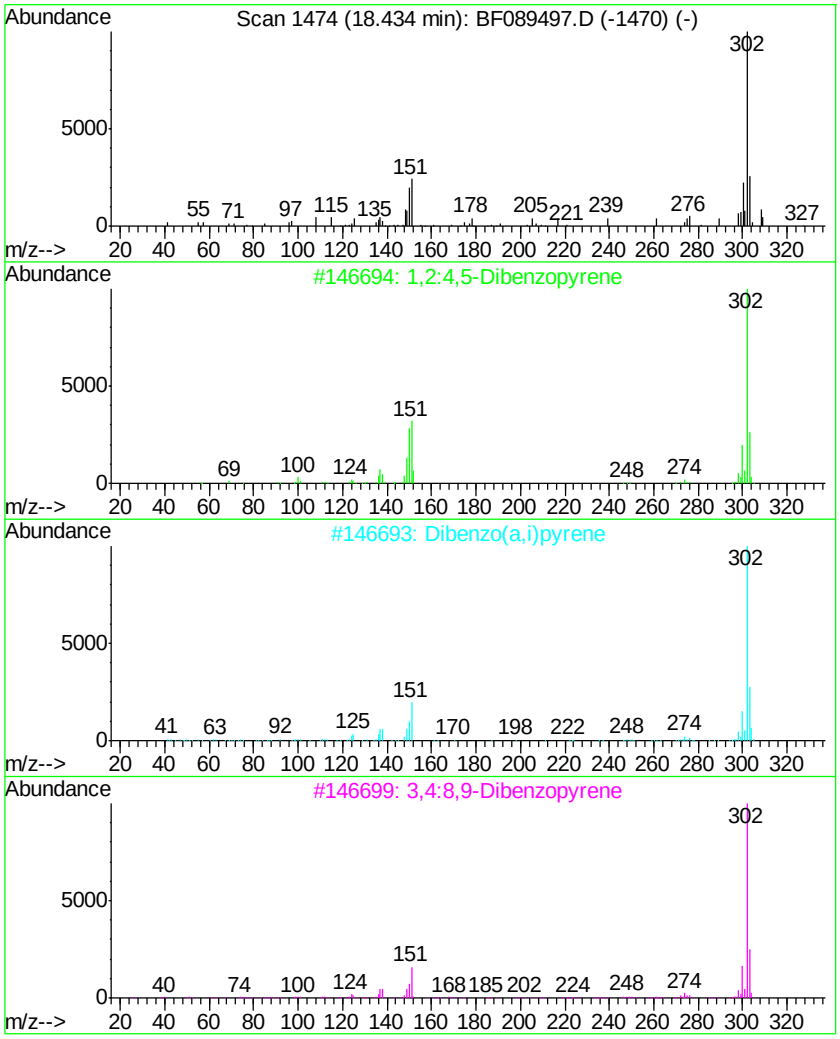
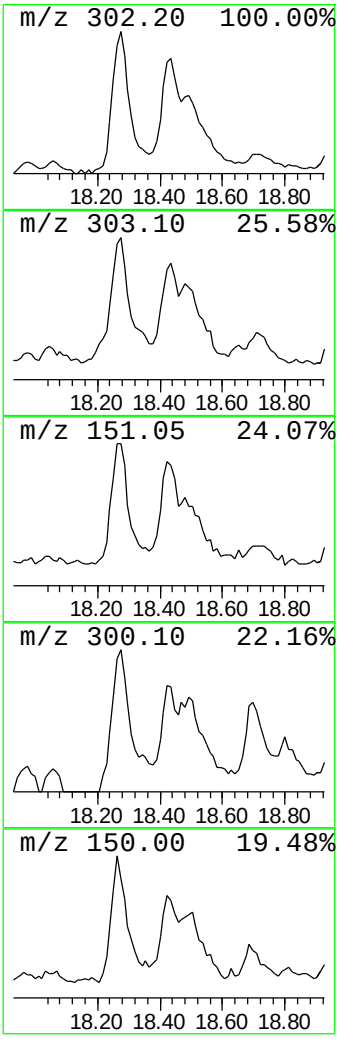
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	7.09 ng	60752	Perylene-d12	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	59
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58





Tentatively Identified Compound (LSC) summary

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Data File : BF089497.D
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.57	21.6	ng	284812	1	6.49	263949	20.0
unknown6.26	6.26	61.9	ng	817168	1	6.49	263949	20.0
4H-Cyclopenta[def...	11.60	7.3	ng	295326	4	10.99	808422	20.0
1,1'-Biphenyl, 2,...	12.12	5.4	ng	218058	4	10.99	808422	20.0
11H-Benzo[b]fluorene	12.75	5.3	ng	403865	5	13.62	1509280	20.0
Pyrene, 2-methyl-	12.86	3.1	ng	235645	5	13.62	1509280	20.0
Benzo[b]naphtho[2...	13.37	5.1	ng	387247	5	13.62	1509280	20.0
5,12-Naphthacened...	14.32	17.2	ng	147616	6	14.96	171316	20.0
Benz(a)anthracene...	14.41	13.4	ng	114731	6	14.96	171316	20.0
1,1'-Binaphthalene	14.48	9.6	ng	82116	6	14.96	171316	20.0
16-Heptadecenal	14.54	8.5	ng	72726	6	14.96	171316	20.0
Heneicosane	15.35	7.9	ng	67777	6	14.96	171316	20.0
Benzo[b]triphenylene	16.27	12.7	ng	108461	6	14.96	171316	20.0
3,4:8,9-Dibenzopy...	18.27	16.0	ng	137300	6	14.96	171316	20.0
1,2:4,5-Dibenzopy...	18.43	7.1	ng	60752	6	14.96	171316	20.0