LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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	1.678	6	8	34	rVB	834888	1727832	100.00%	10.879%
2	4.604	261	264	278	rBV	192576	299318	17.32%	1.885%
3	5.096	304	307	323	rBV	548736	820697	47.50%	5.167%
4	6.182	400	402	409	rBV	739082	848115	49.09%	5.340%
5	6.285	409	411	420	rVB	924740	925890	53.59%	5.830%
6	6.513	429	431	436	rBV	197610	215074	12.45%	1.354%
7	6.673	442	445	447	rBV	638461	685876	39.70%	4.318%
8	6.776	452	454	461	rVB2	8917	22149	1.28%	0.139%
9	7.085	479	481	489	rBV	419480	505787	29.27%	3.184%
10	7.805	542	544	550	rBV	232316	280595	16.24%	1.767%
11	8.513	604	606	610	rVB	19063	19232	1.11%	0.121%
12	8.605	611	614	619	rBV	24528	40991	2.37%	0.258%
13	8.879	636	638	640	rBV	979580	813053	47.06%	5.119%
14	9.211	665	667	668	rBV	21410	20422	1.18%	0.129%
15	9.279	671	673	675	rBV	142865	117101	6.78%	0.737%
16	9.405	682	684	686	rBV	121086	102857	5.95%	0.648%
17	9.542	694	696	698	rVV	295531	259661	15.03%	1.635%
18	9.576	698	699	701	rVB	25826	20997	1.22%	0.132%
19	9.748	708	714	716	rBV	23405	32241	1.87%	0.203%
20	9.999	734	736	738	rVB	30984	27968	1.62%	0.176%
21	10.091	742	744	747	rVB	48555	56091	3.25%	0.353%
22	10.216	752	755	756	rBV3	13998	22040	1.28%	0.139%
23	10.251	756	758	761	rVB2	9000	18541	1.07%	0.117%
24	10.331	762	765	767	rBV	372205	423236	24.50%	2.665%
25	10.468	774	777	780	rBV2	30264	47163	2.73%	0.297%
26	10.628	789	791	793	rBV	16377	27595	1.60%	0.174%
27	10.776	800	804	807	rVB5	8000	19057	1.10%	0.120%
28	10.914	814	816	817	rBV	33774	31247	1.81%	0.197%
29	11.016	822	825	826	rBV	224100	273949	15.86%	1.725%
30	11.039	826	827	830	rVV	279978	224440	12.99%	1.413%
31	11.085	830	831	834	rVV	81199	100027	5.79%	0.630%
32	11.256	843	846	850	rBV	25451	68189	3.95%	0.429%
33	11.336	852	853	856	rVB3	17822	19961	1.16%	0.126%
34	11.519	866	869	870	rBV	47162	70593	4.09%	0.444%

LSC Area Percent Report

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Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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

35	11.542	870	871	872	rVV	62562	48768	2.82%	0.307%
36	11.577	872	874	876	rVV2	191068	217401	12.58%	1.369%
37	11.622	876	878	884	rVB2	123085	187335	10.84%	1.179%
38	11.714	884	886	887	rBV2	11496	17929	1.04%	0.113%
39	11.748	887	889	891	rBV2	17926	23632	1.37%	0.149%
40	11.805	892	894	896	rVV2	24906	39350	2.28%	0.248%
41	11.839	896	897	899	rVB	28681	25201	1.46%	0.159%
42	11.954	905	907	909	rBV2	13084	22711	1.31%	0.143%
43	12.057	914	916	918	rBV	52154	88318	5.11%	0.556%
44	12.148	922	924	926	rBV2	24601	31245	1.81%	0.197%
45	12.217	928	930	933	rBV	592857	555357	32.14%	3.497%
46	12.274	933	935	937	rBV2	47474	69881	4.04%	0.440%
47	12.308	937	938	941	rVB	48933	64789	3.75%	0.408%
48	12.354	941	942	945	rBV2	156282	218848	12.67%	1.378%
49	12.445	947	950	952	rBV	482770	590630	34.18%	3.719%
50	12.594	961	963	967	rVB	659887	725492	41.99%	4.568%
51	12.662	967	969	972	rBV2	33974	64664	3.74%	0.407%
52	12.777	975	979	981	rVB	97942	152714	8.84%	0.962%
53	12.834	981	984	986	rBV	61521	110616	6.40%	0.696%
54	12.880	986	988	991	rVB	55539	93828	5.43%	0.591%
55	12.960	994	995	997	rBV	37909	55713	3.22%	0.351%
56	13.382	1030	1032	1034	rBV	53119	98869	5.72%	0.622%
57	13.451	1036	1038	1040	rVV3	60242	108740	6.29%	0.685%
58	13.520	1042	1044	1046	rVB	84213	104713	6.06%	0.659%
59	13.634	1051	1054	1059	rBV2	447519	1105449	63.98%	6.960%
60	14.160	1097	1100	1102	rBV3	149621	271180	15.69%	1.707%
61	14.628	1139	1141	1147	rBV	260510	537729	31.12%	3.386%
62	14.880	1161	1163	1165	rVB	117320	139044	8.05%	0.875%
63	14.925	1165	1167	1170	rVV	164714	248862	14.40%	1.567%
64	14.983	1170	1172	1178	rVB2	168487	357615	20.70%	2.252%
65	16.171	1273	1276	1279	rVB	85328	137517	7.96%	0.866%
66	16.526	1304	1307	1315	rVB	72838	180694	10.46%	1.138%

Sum of corrected areas: 15882819

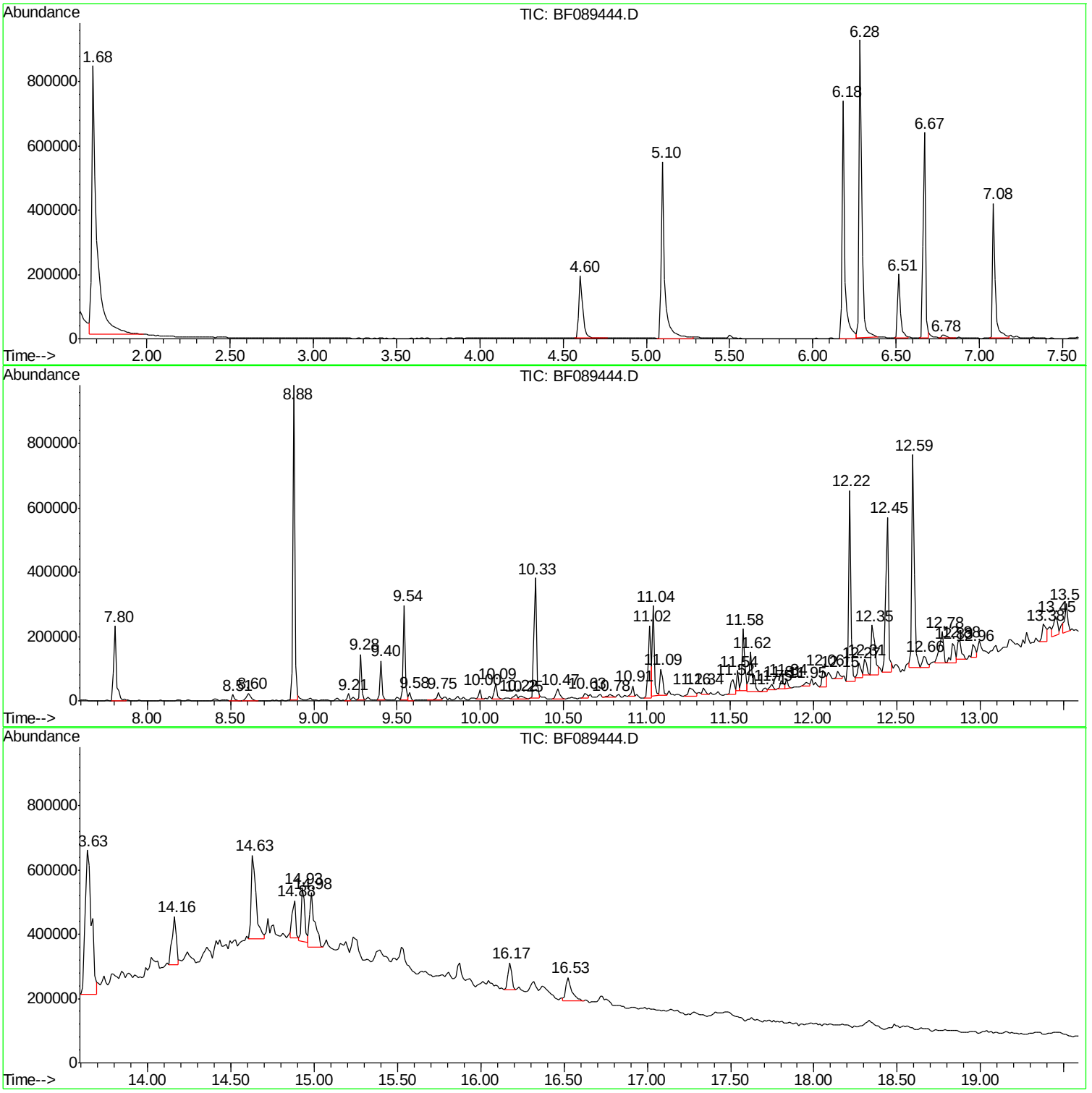
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-COMP

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

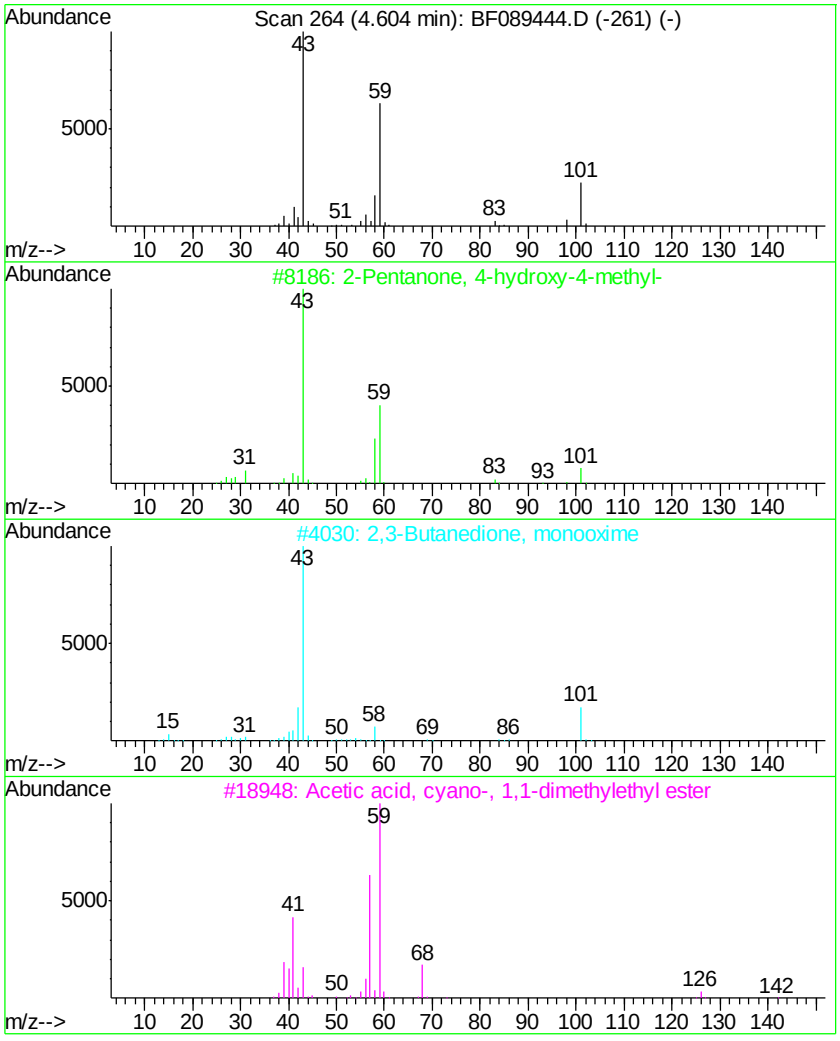
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

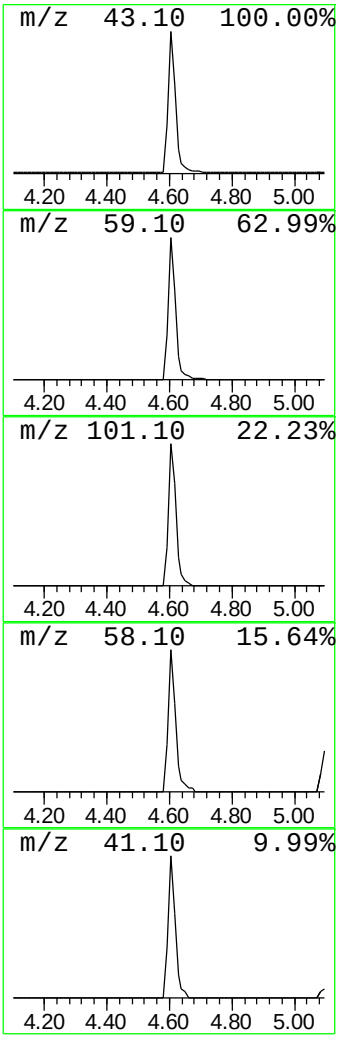
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	27.83 ng	299318	1,4-Dichlorobenzene-d4	6.51

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	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-COMP

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

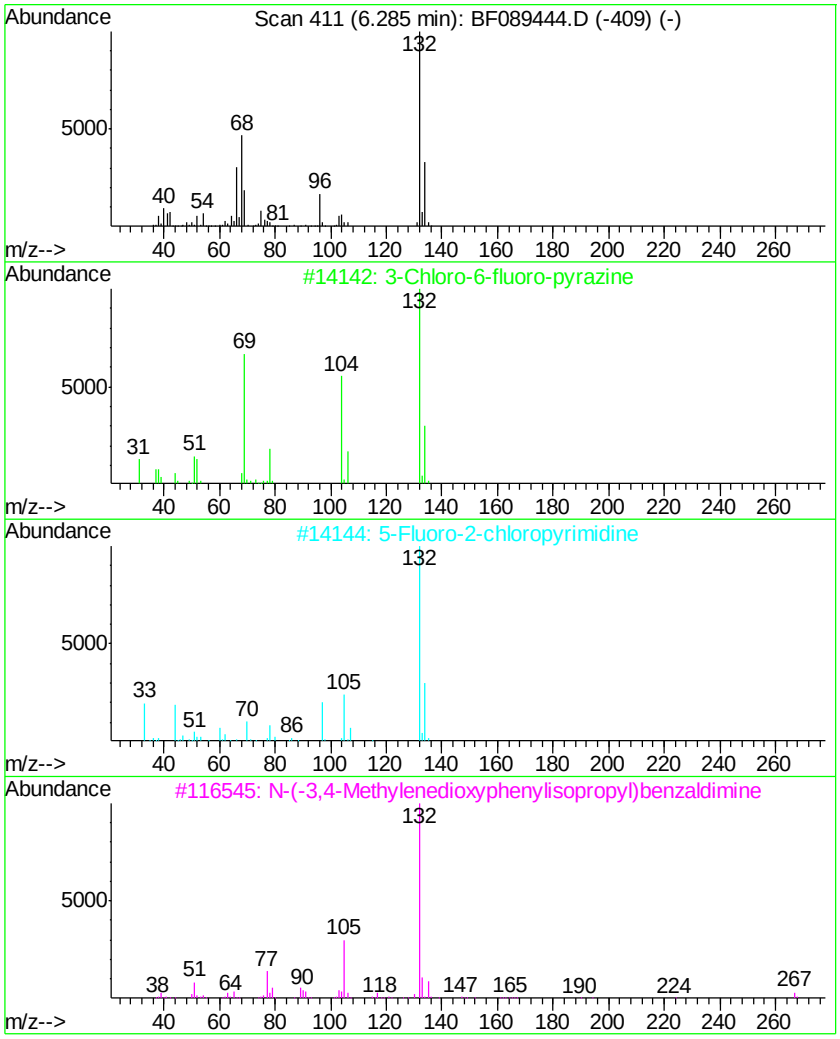
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

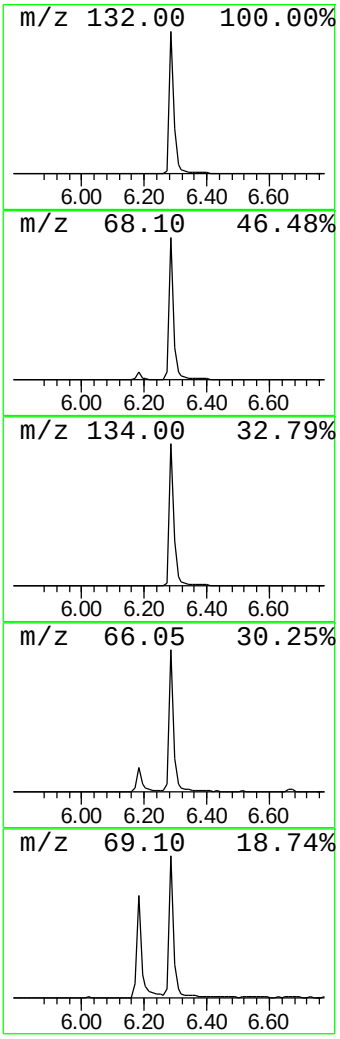
****

Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	86.10 ng	925890	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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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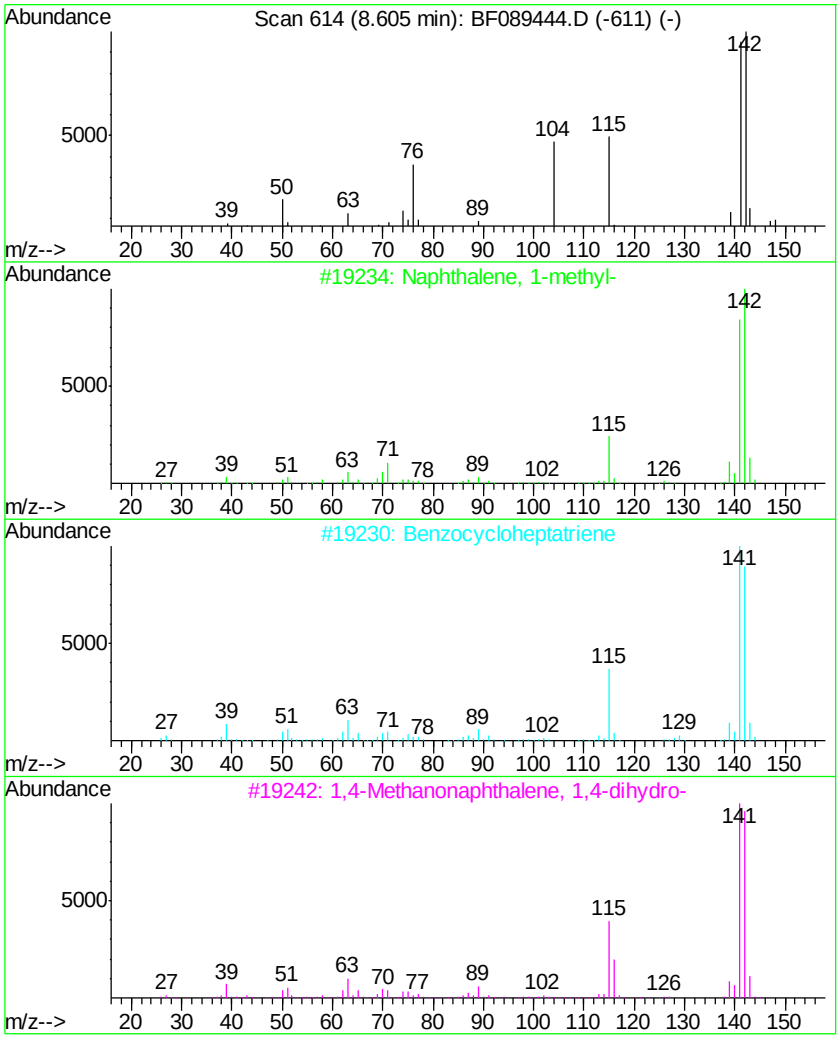
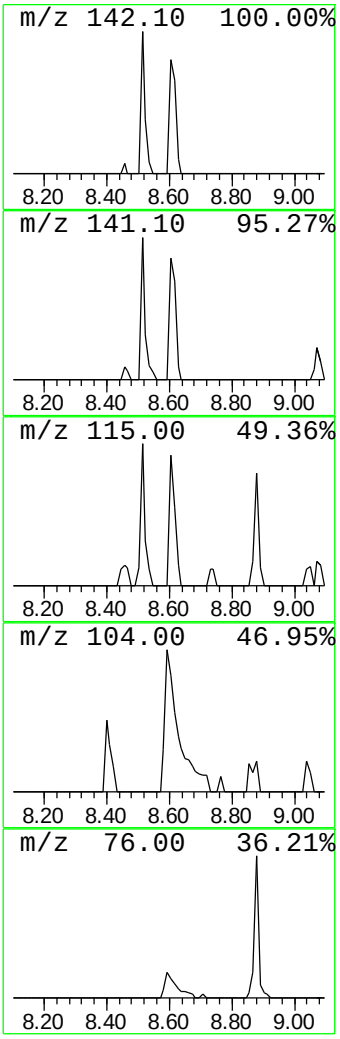
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.92 ng	40991	Naphthalene-d8	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	62
2	Benzocycloheptatriene	142	C11H10	000264-09-5	62
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	58
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	58
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-COMP

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

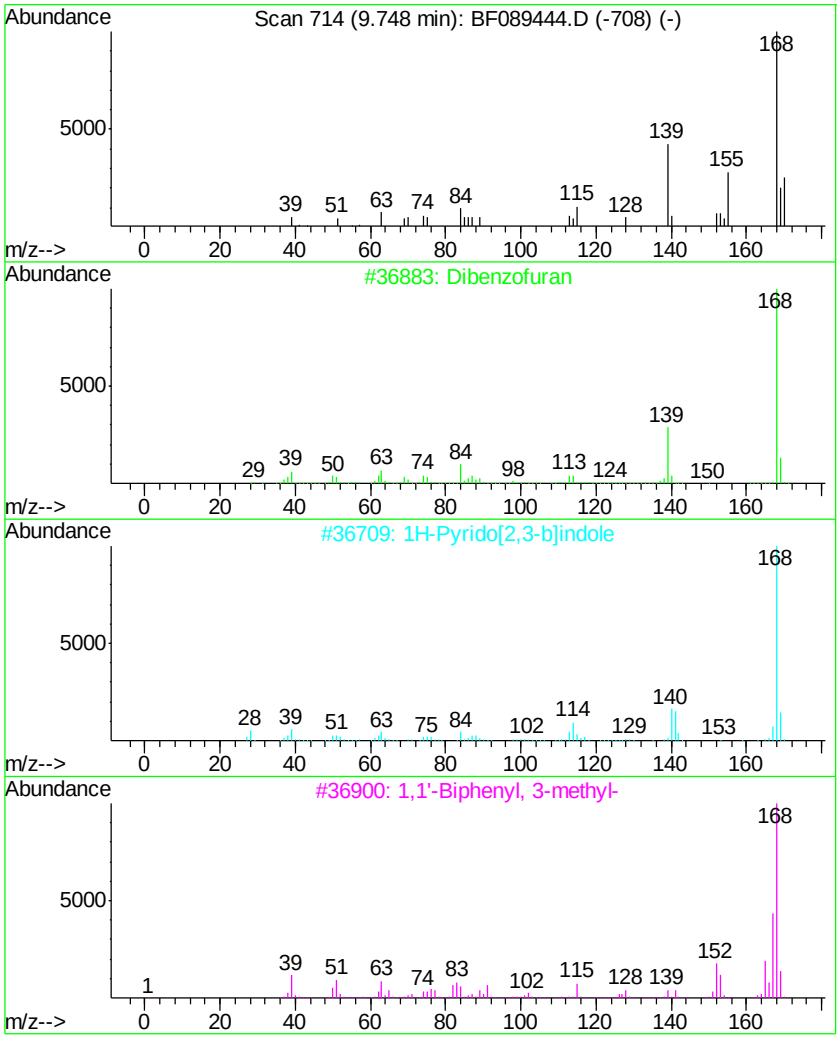
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

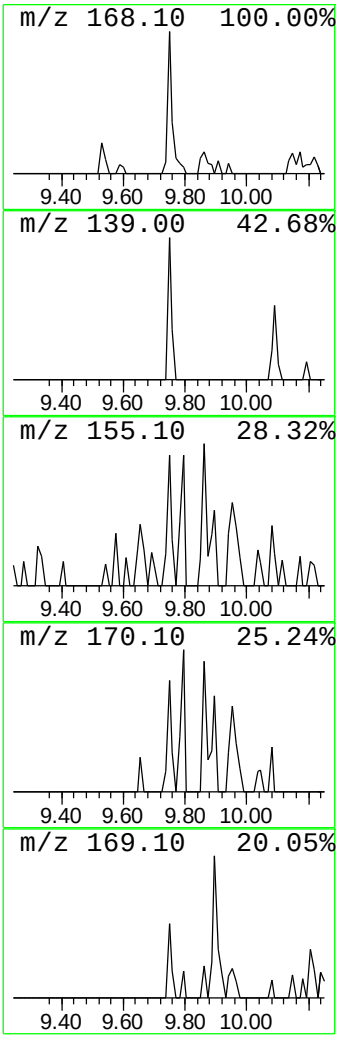
****

Peak Number 6 Dibenzofuran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.48 ng	32241	Acenaphthene-d10	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	62
2	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	43
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4	Tioxolone	168	C7H4O3S	004991-65-5	38
5	1-Naphthalenecarbonitrile, 4-amino-	168	C11H8N2	058728-64-6	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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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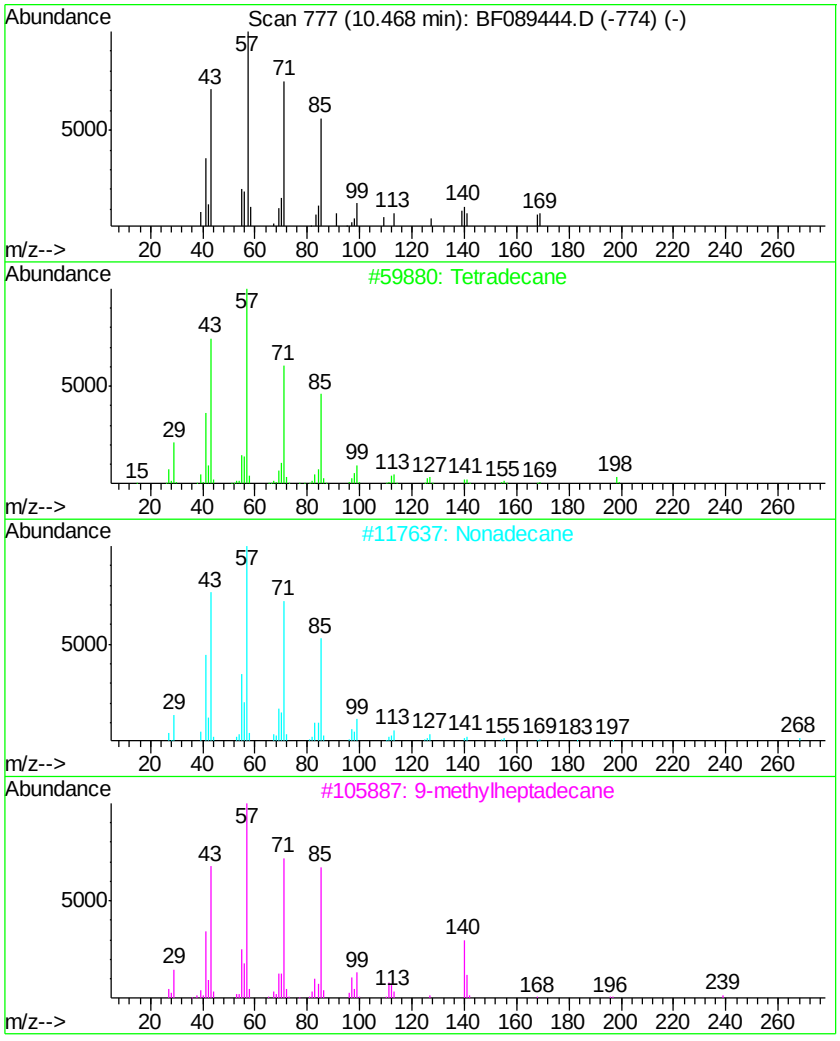
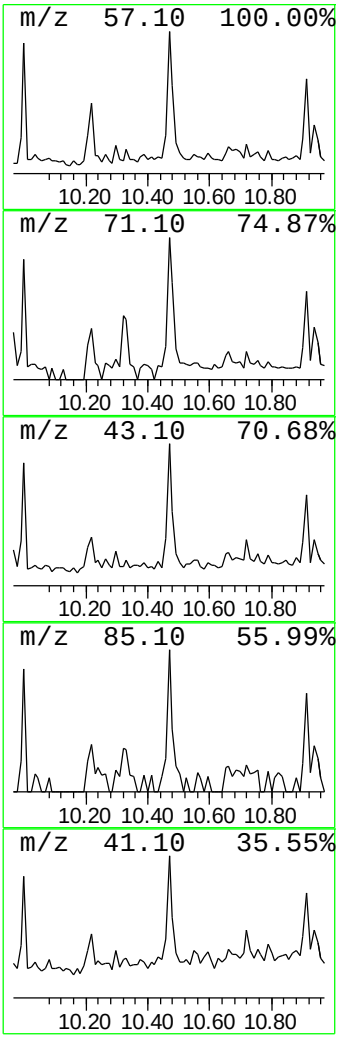
Peak Number 7 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.44 ng	47163	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Nonadecane	268	C19H40	000629-92-5	80
3	9-methylheptadecane	254	C18H38	026741-18-4	78
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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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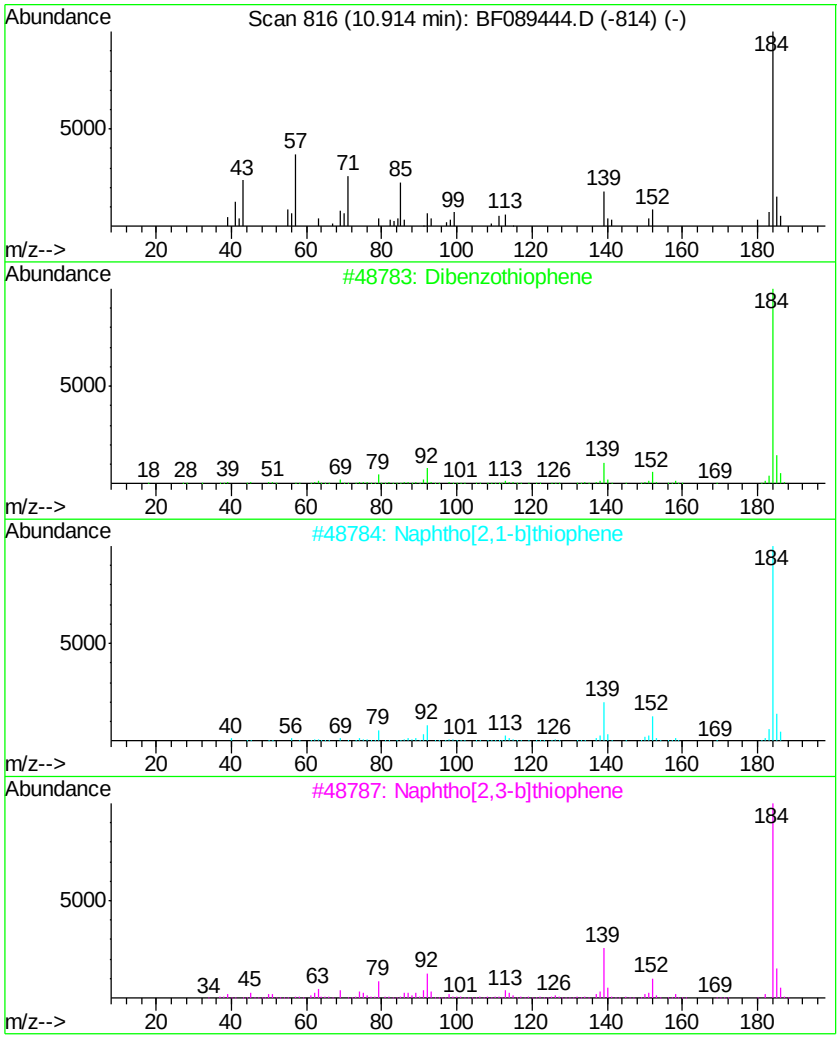
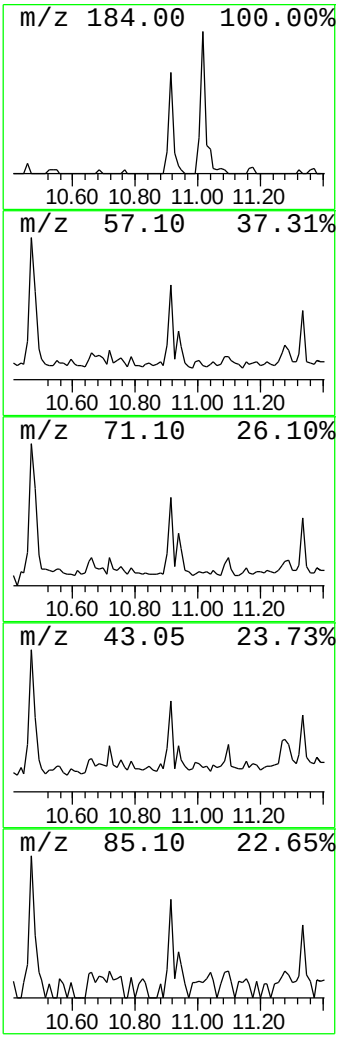
Peak Number 8 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.28 ng	31247	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	58
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	58
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	58
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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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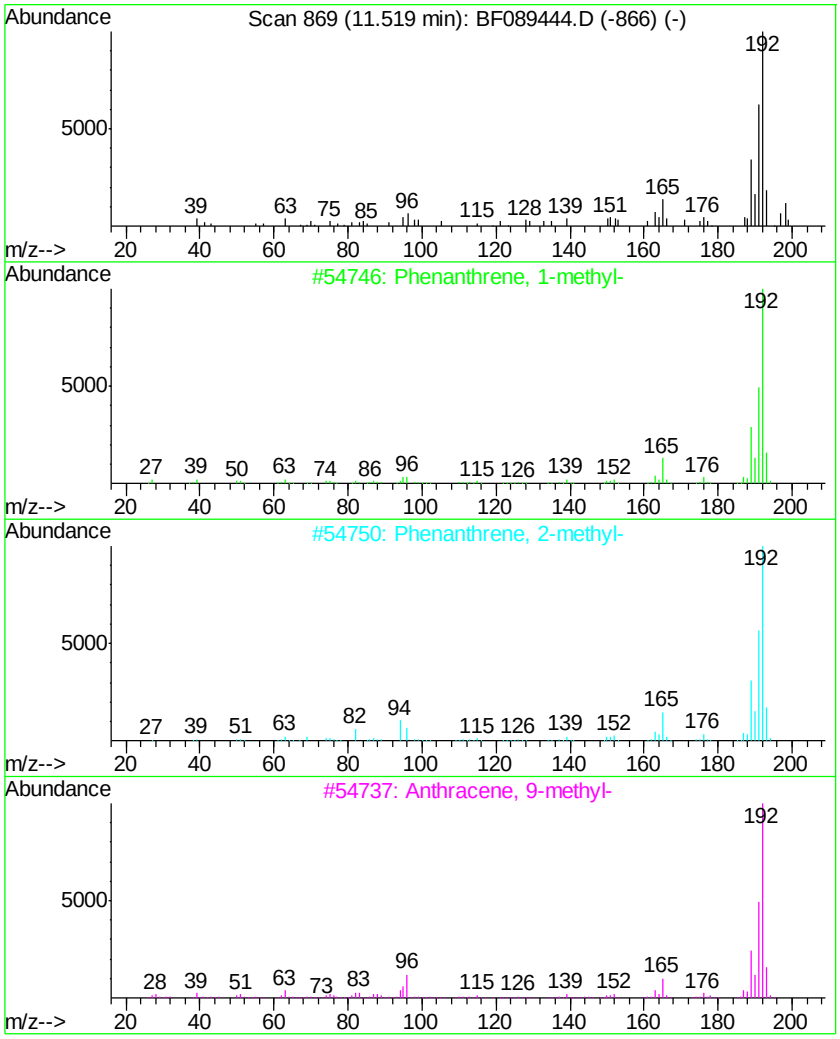
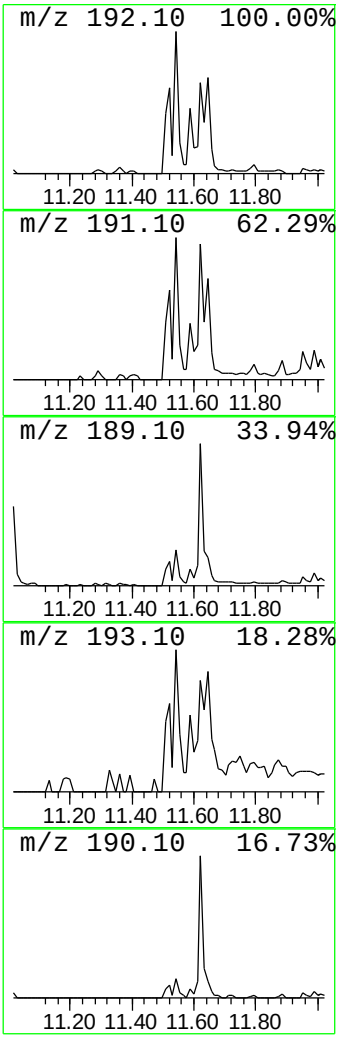
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	5.15 ng	70593	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089444.D
Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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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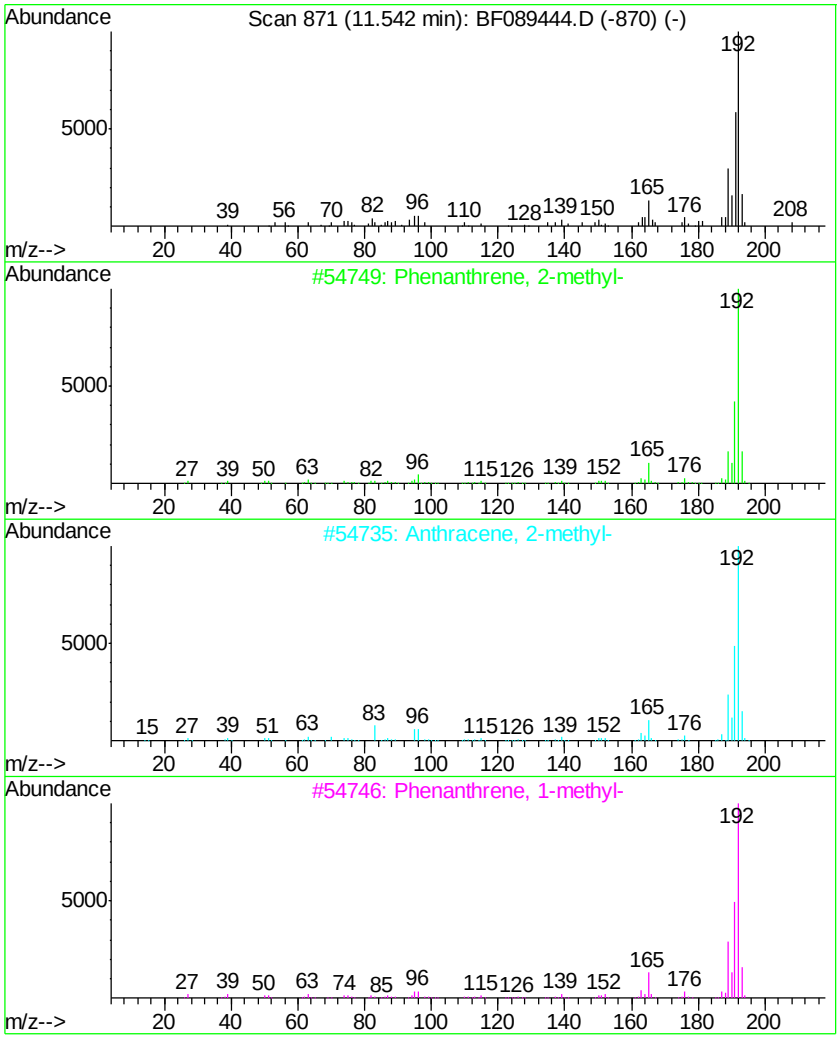
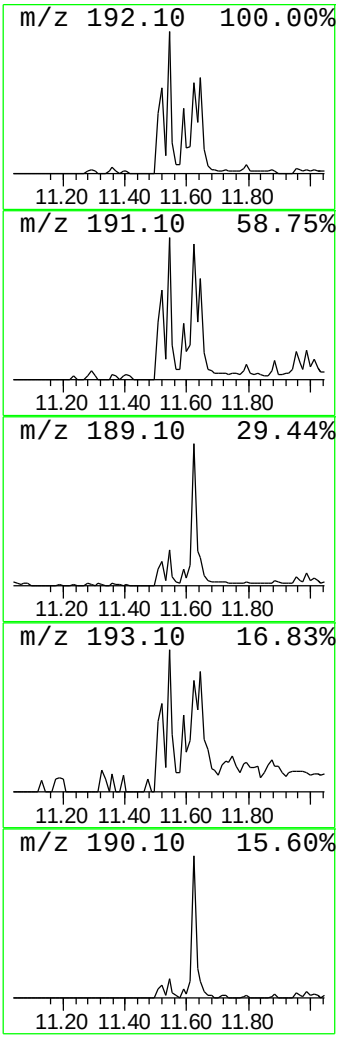
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.56 ng	48768	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 30 Jul 2016 8:39
Operator : UM/SJ
Sample : H4215-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11-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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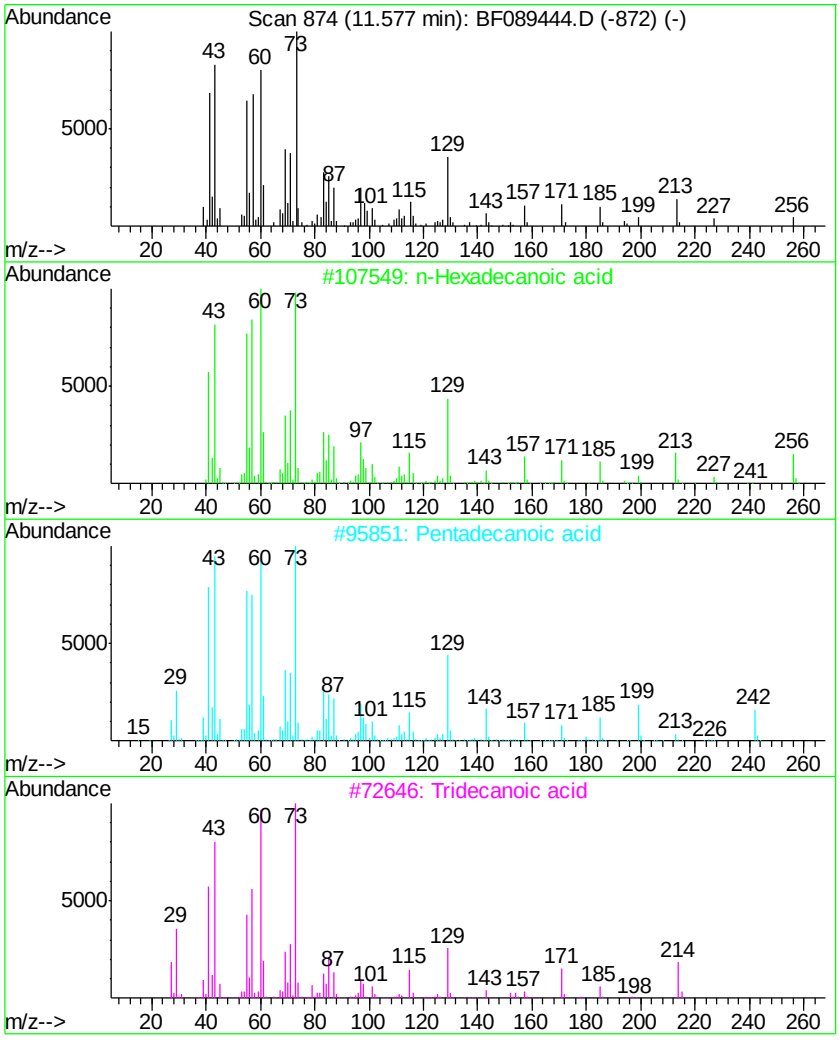
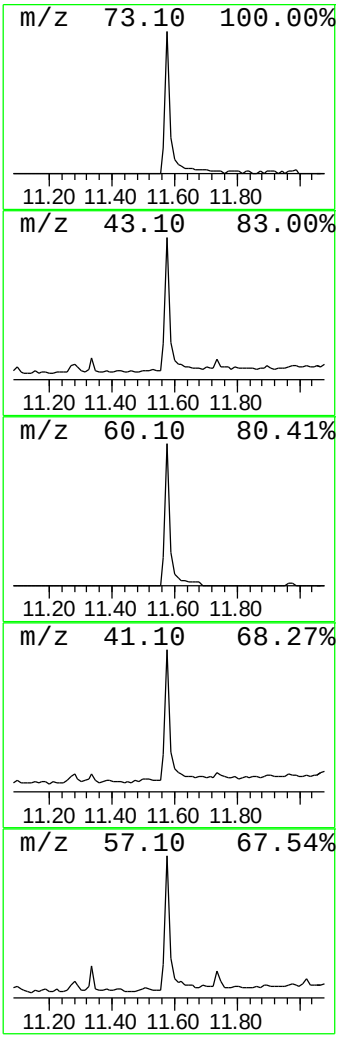
Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	15.87 ng	217401	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Sample : H4215-08
Misc :
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Instrument : BNA_F
ClientSampleId : SB-11-COMP

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TIC Library : C:\Database\NIST11.L
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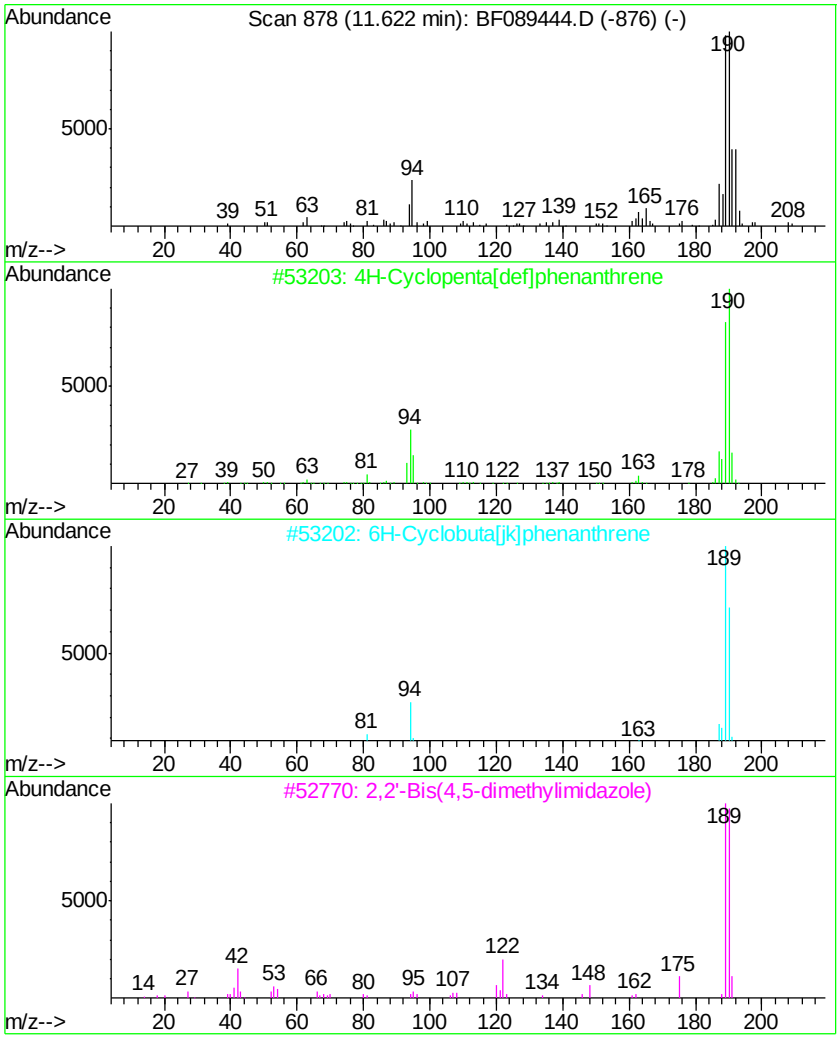
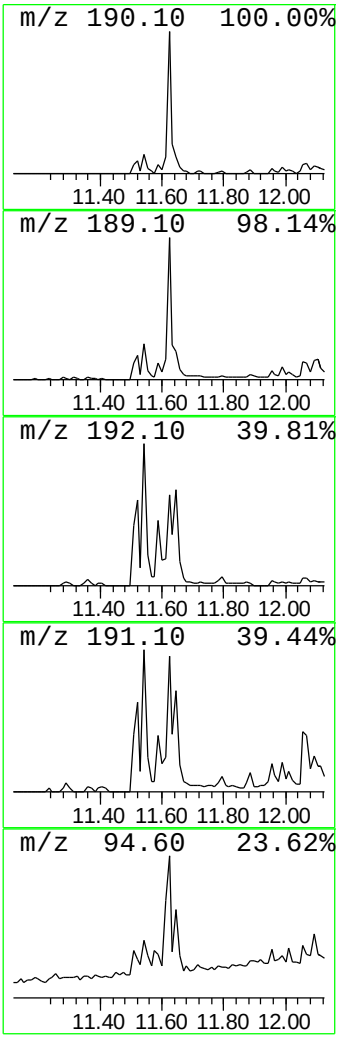
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	13.68 ng	187335	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





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Sample : H4215-08
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ClientSampleId : SB-11-COMP

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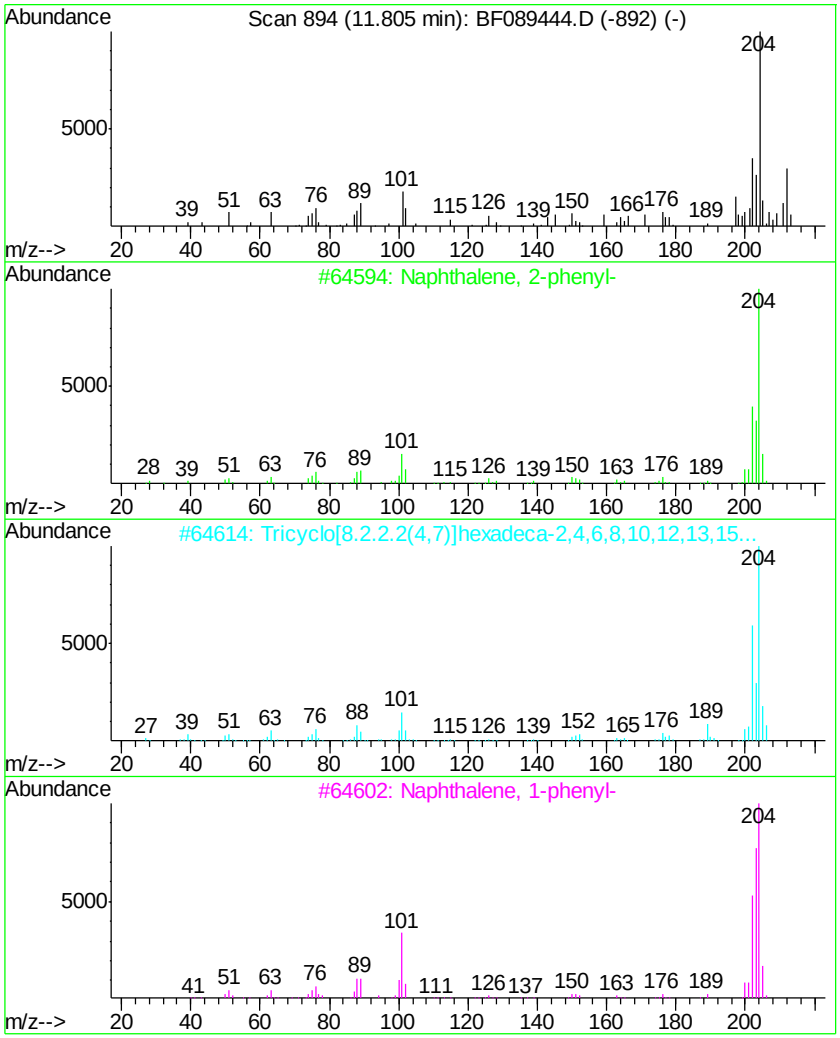
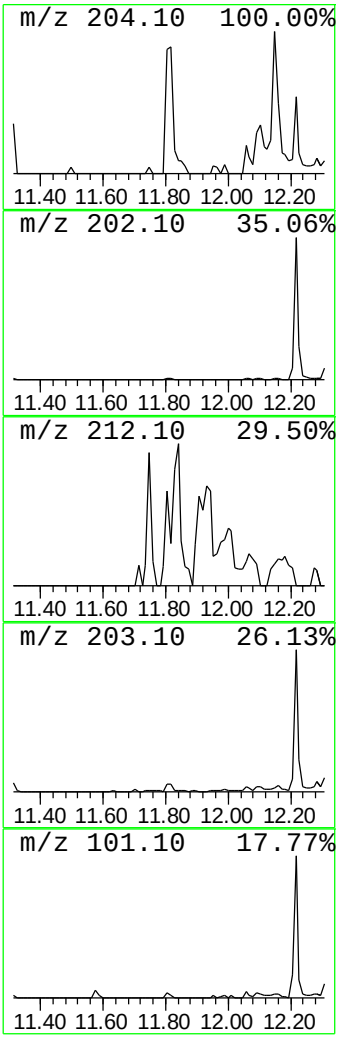
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.87 ng	39350	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	47





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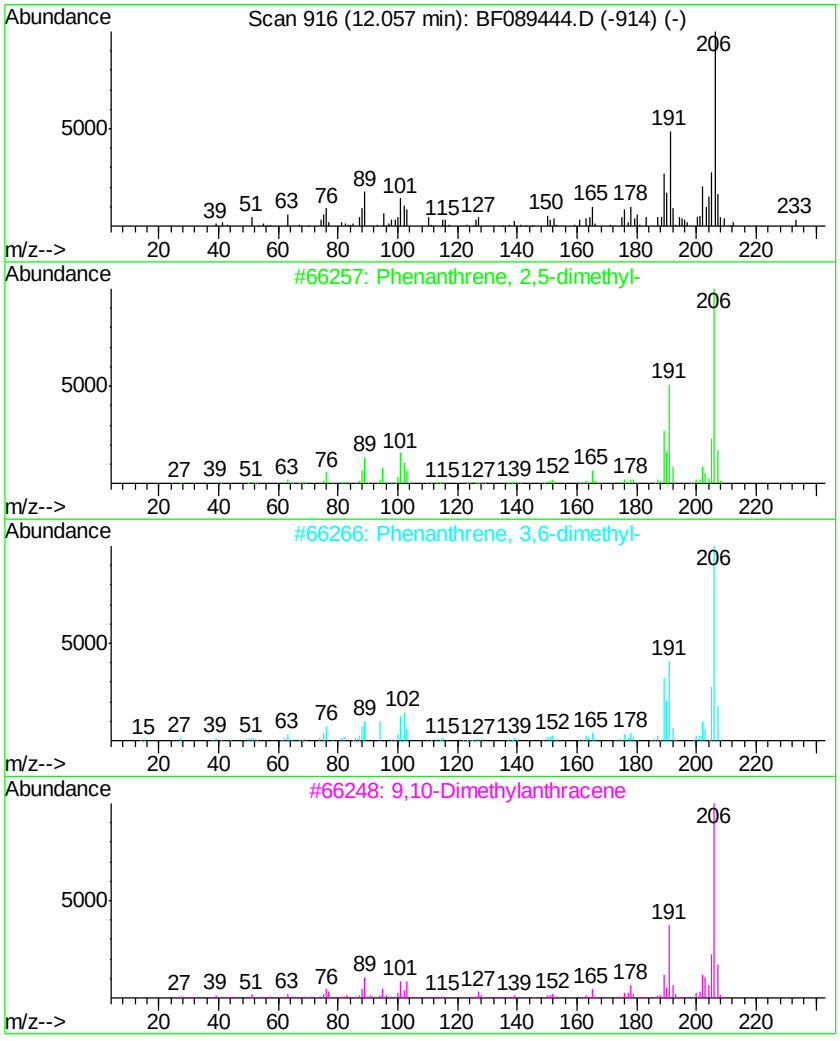
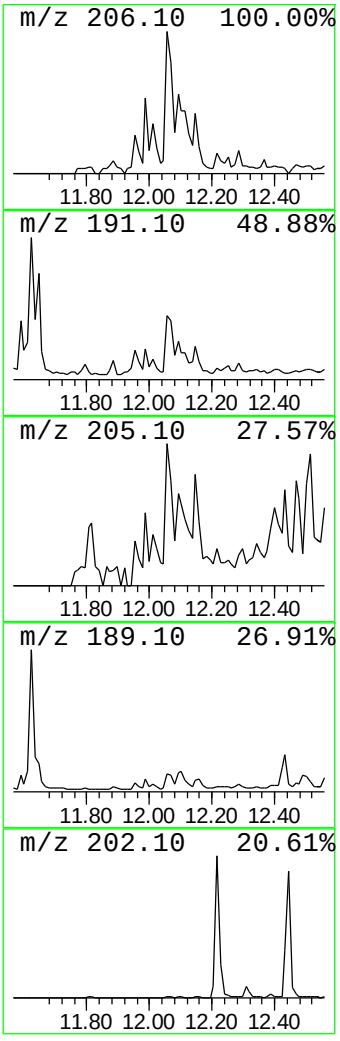
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	6.45 ng	88318	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : SB-11-COMP

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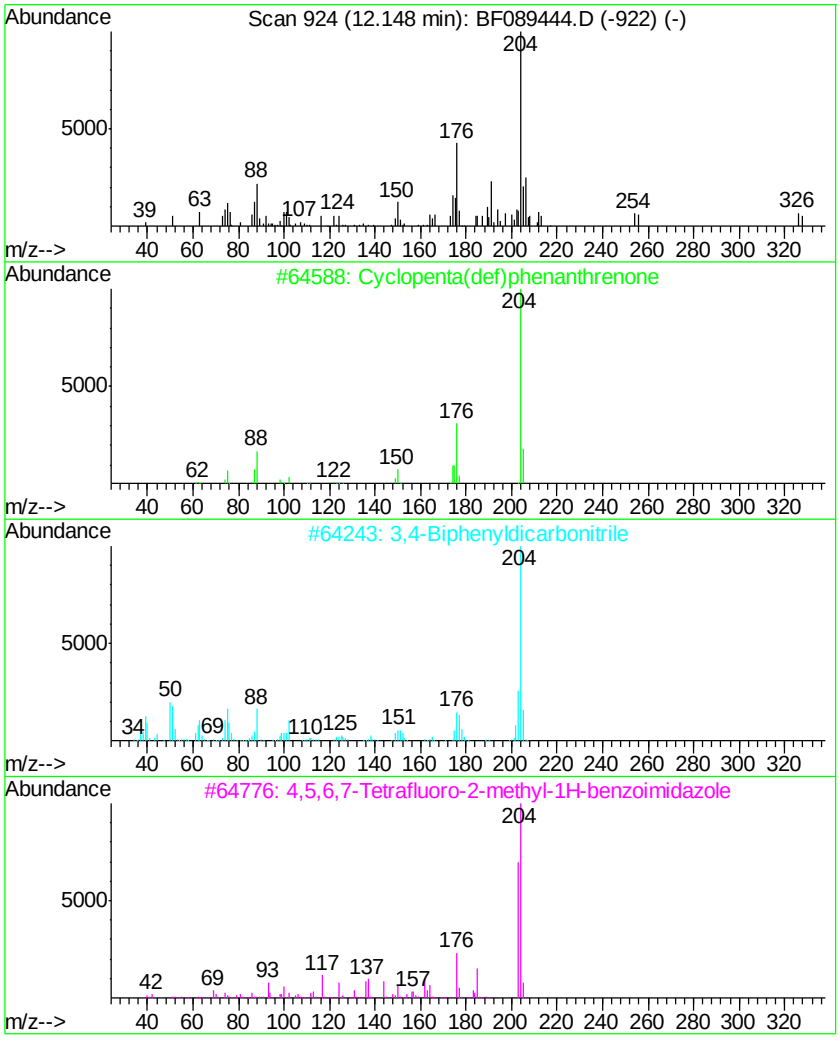
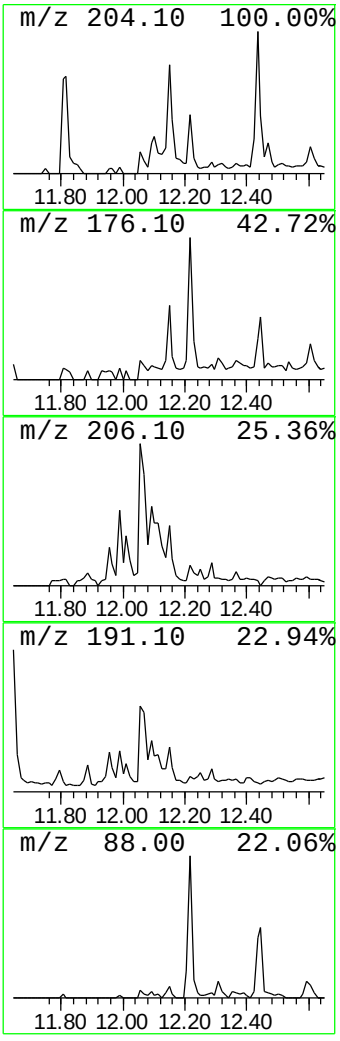
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.28 ng	31245	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43





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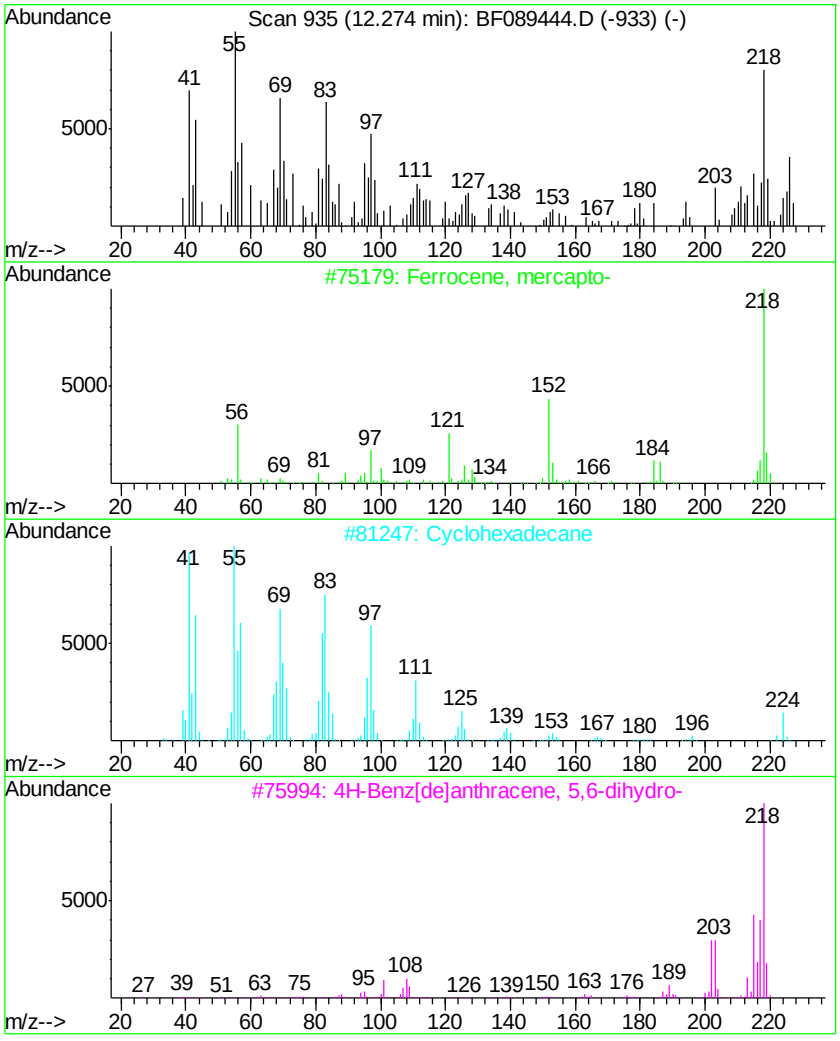
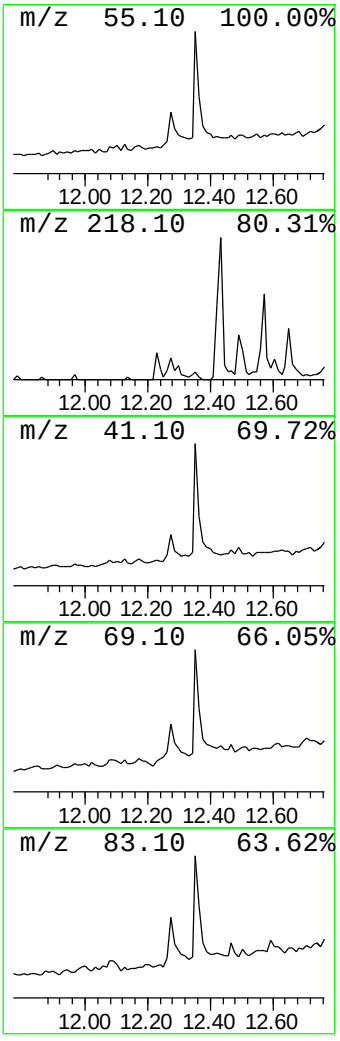
Peak Number 16 unknown12.27 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	5.10 ng	69881	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, mercapto-	218	C10H10FeS	1000115-77-9	41
2	Cyclohexadecane	224	C16H32	000295-65-8	40
3	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	30
4	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	27
5	2-Chloro-5,6-dimethyl-1-(2-propy...	218	C12H11ClN2	080276-20-6	27





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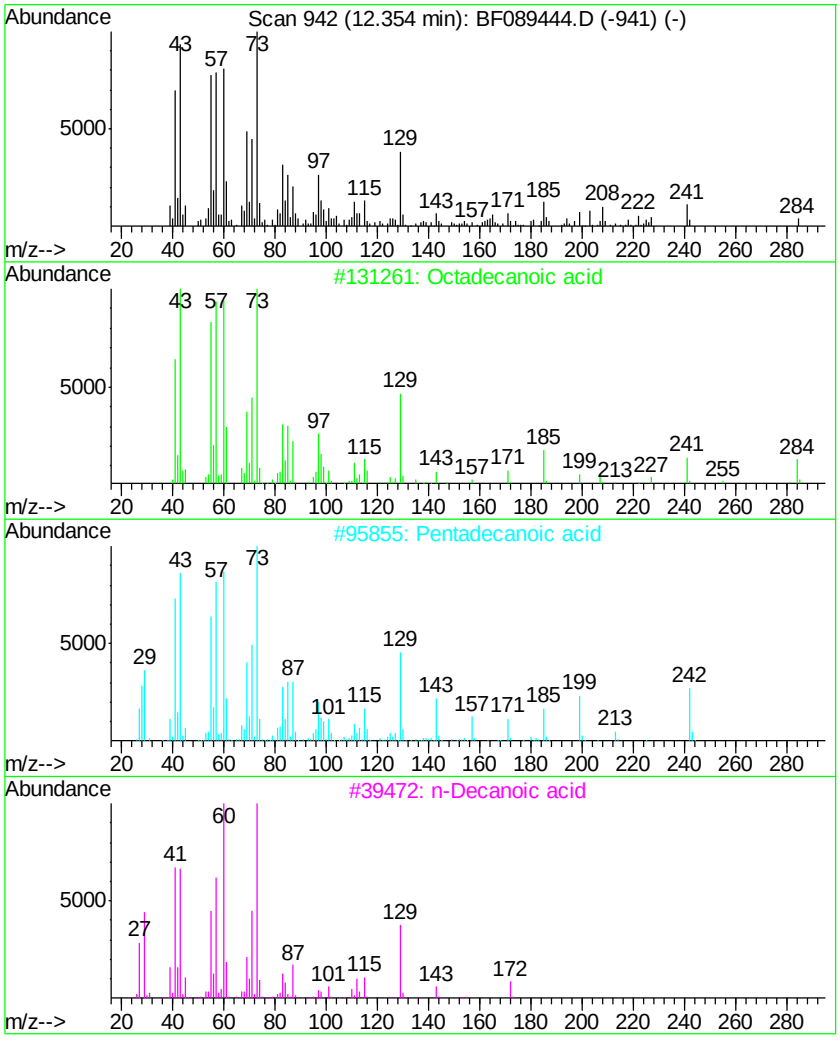
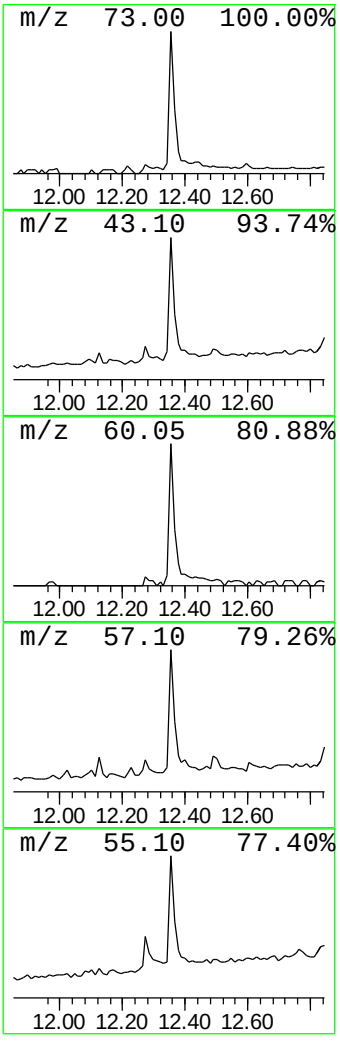
Peak Number 18 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.96 ng	218848	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	81
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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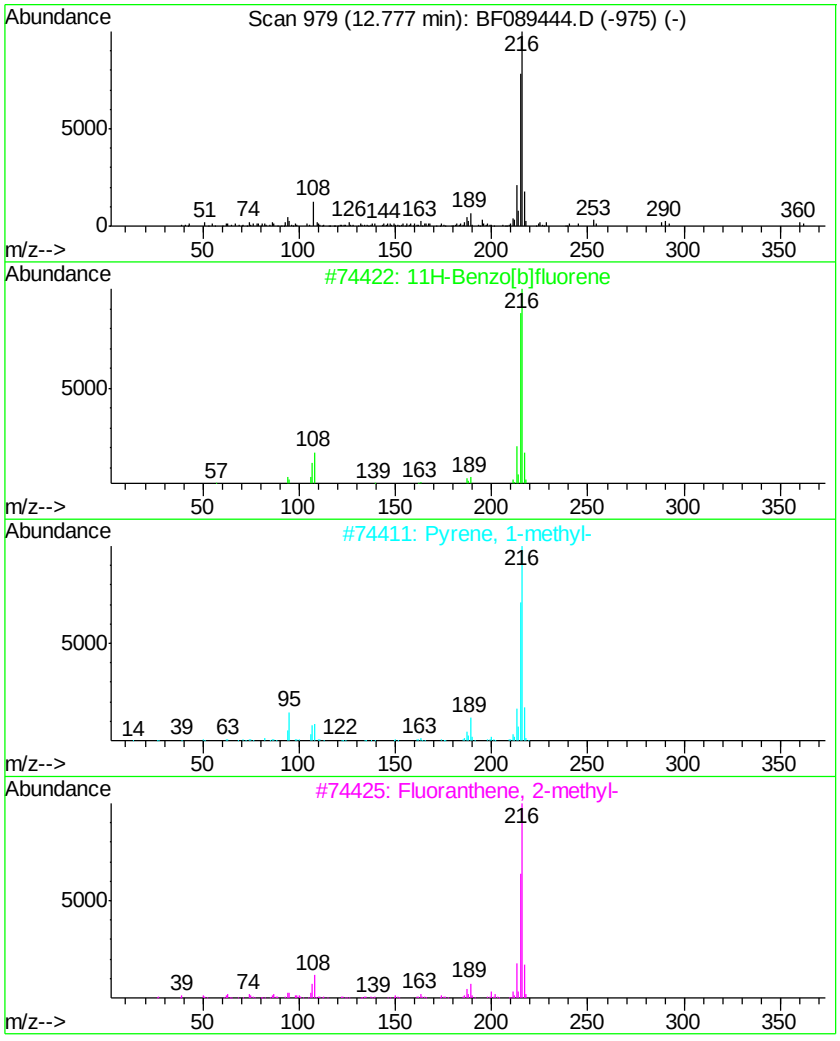
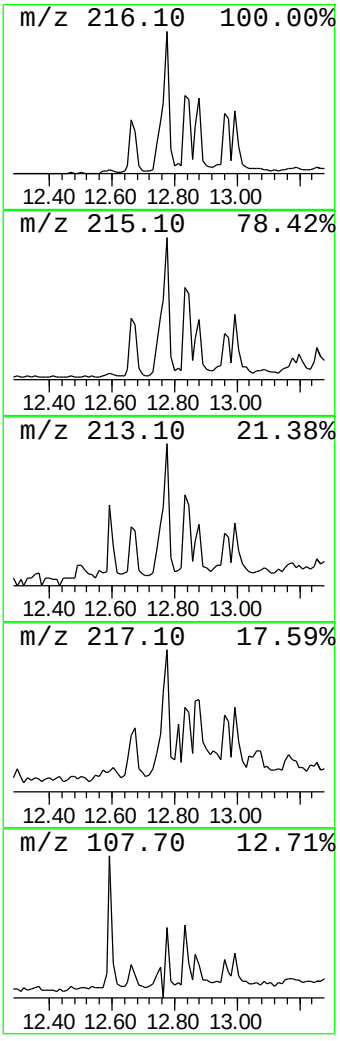
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.76 ng	152714	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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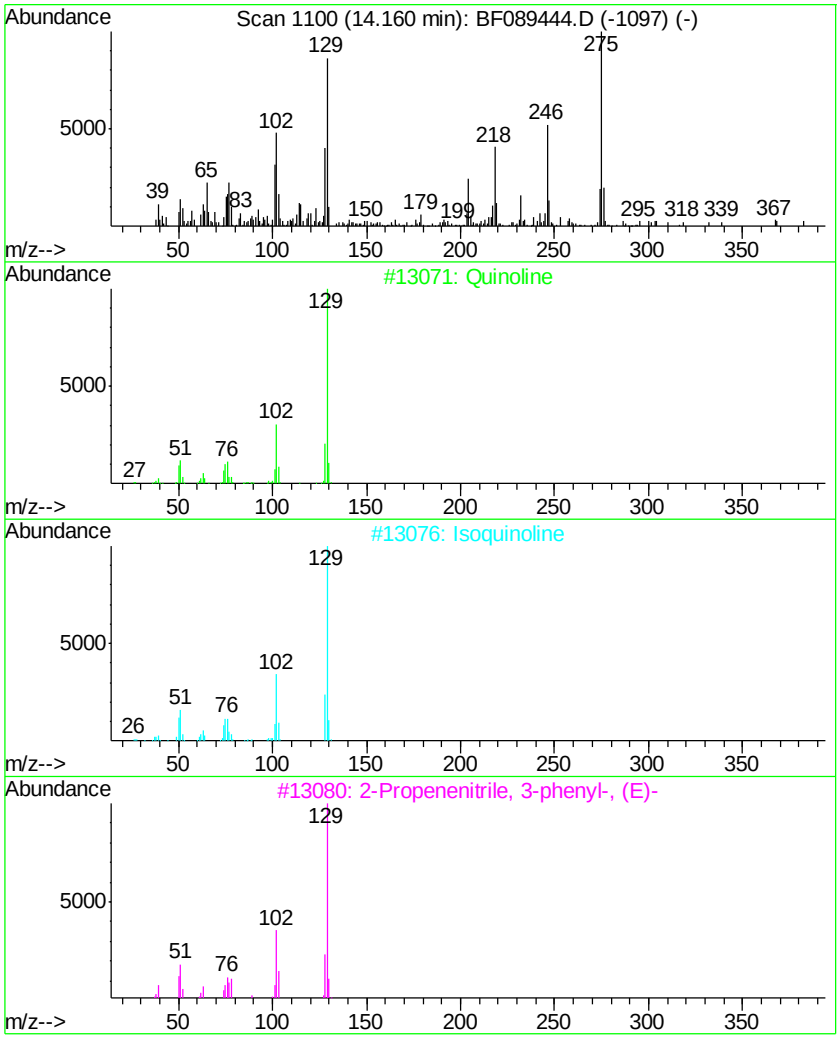
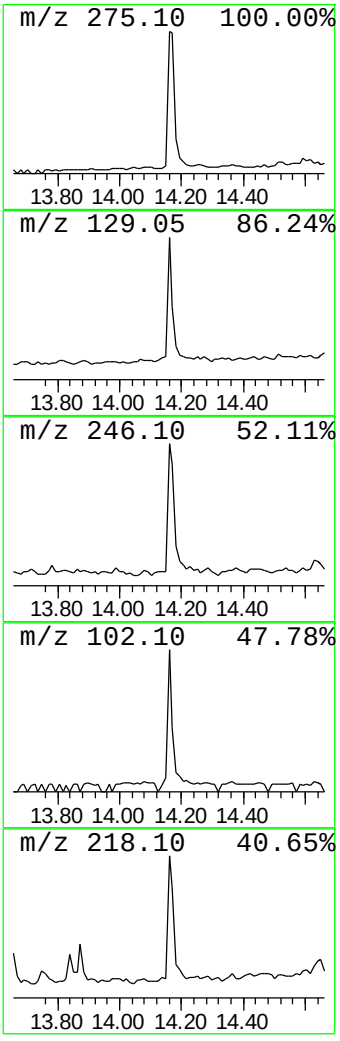
Peak Number 20 unknown14.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.91 ng	271180	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	38
2	Isoquinoline	129	C9H7N	000119-65-3	38
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	38
4	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	35
5	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	35





Tentatively Identified Compound (LSC) summary

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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...	4.60	27.8	ng	299318	1	6.51	215074	20.0
unknown6.28	6.28	86.1	ng	925890	1	6.51	215074	20.0
Naphthalene, 1-me...	8.60	2.9	ng	40991	2	7.80	280595	20.0
Dibenzofuran	9.75	2.5	ng	32241	3	9.54	259661	20.0
Tetradecane	10.47	3.4	ng	47163	4	11.02	273949	20.0
Dibenzothiophene	10.91	2.3	ng	31247	4	11.02	273949	20.0
Phenanthrene, 1-m...	11.52	5.2	ng	70593	4	11.02	273949	20.0
Phenanthrene, 2-m...	11.54	3.6	ng	48768	4	11.02	273949	20.0
n-Hexadecanoic acid	11.58	15.9	ng	217401	4	11.02	273949	20.0
4H-Cyclopenta[def...	11.62	13.7	ng	187335	4	11.02	273949	20.0
Naphthalene, 2-ph...	11.81	2.9	ng	39350	4	11.02	273949	20.0
Phenanthrene, 2,5...	12.06	6.5	ng	88318	4	11.02	273949	20.0
Cyclopenta(def)ph...	12.15	2.3	ng	31245	4	11.02	273949	20.0
unknown12.27	12.27	5.1	ng	69881	4	11.02	273949	20.0
Octadecanoic acid	12.35	4.0	ng	218848	5	13.65	1105450	20.0
11H-Benzo[b]fluorene	12.78	2.8	ng	152714	5	13.65	1105450	20.0
unknown14.16	14.16	4.9	ng	271180	5	13.65	1105450	20.0