LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

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-BF042016.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	5.047	256	259	266	rBV	978442	1273345	27.73%	1.590%
2	5.459	292	295	298	rBV	3072873	4282494	93.27%	5.346%
3	5.687	313	315	317	rBV	41107	57898	1.26%	0.072%
4	5.870	329	331	333	rBV	124618	111555	2.43%	0.139%
5	5.961	336	339	347	rVB2	16036	59089	1.29%	0.074%
6	6.499	383	386	388	rBV	3745111	4309238	93.86%	5.380%
7	6.636	395	398	400	rBV	3644490	4591347	100.00%	5.732%
8	6.693	402	403	406	rVB2	57417	78096	1.70%	0.097%
9	6.739	406	407	413	rVB2	43649	64583	1.41%	0.081%
10	6.864	416	418	425	rBV	1397716	1410534	30.72%	1.761%
11	7.024	429	432	434	rBV	3004215	3516509	76.59%	4.390%
12	7.127	439	441	445	rBV	168891	188169	4.10%	0.235%
13	7.424	465	467	470	rBV	2185143	2557335	55.70%	3.193%
14	7.516	473	475	483	rVB2	74807	176471	3.84%	0.220%
15	7.905	504	509	510	rBV2	30843	54841	1.19%	0.068%
16	8.145	528	530	539	rBV	1217939	1889865	41.16%	2.359%
17	8.796	584	587	591	rBV3	45486	95645	2.08%	0.119%
18	8.865	591	593	596	rVB	48716	50157	1.09%	0.063%
19	9.230	622	625	627	rBV	3841492	4129643	89.94%	5.156%
20	9.310	631	632	636	rVB3	59539	75767	1.65%	0.095%
21	9.562	652	654	655	rVV	80412	75921	1.65%	0.095%
22	9.619	657	659	663	rVV2	540446	632633	13.78%	0.790%
23	9.768	669	672	674	rBV	1066780	1197349	26.08%	1.495%
24	9.836	677	678	681	rVV	135635	122906	2.68%	0.153%
25	9.905	681	684	686	rVV	1657444	1614715	35.17%	2.016%
26	9.939	686	687	689	rVV	135513	112363	2.45%	0.140%
27	10.065	695	698	700	rBV3	50112	101345	2.21%	0.127%
28	10.110	700	702	704	rVV2	69382	106279	2.31%	0.133%
29	10.145	704	705	708	rVB3	35965	58670	1.28%	0.073%
30	10.213	708	711	713	rBV3	50837	82040	1.79%	0.102%
31	10.339	720	722	726	rVB2	260027	309309	6.74%	0.386%
32	10.419	728	729	730	rVB	67197	46064	1.00%	0.058%
33	10.453	730	732	735	rVB2	118071	189556	4.13%	0.237%
34	10.556	738	741	744	rBV	160378	250536	5.46%	0.313%

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Sample : H2601-09
Misc :
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Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

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-BF042016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.613	744	746	747	rBV2	42628	64615	1.41%	0.081%
36	10.636	747	748	750	rVB2	71095	66441	1.45%	0.083%
37	10.693	750	753	755	rBV	1521212	2021260	44.02%	2.523%
38	10.808	762	763	769	rVB2	322608	460903	10.04%	0.575%
39	11.002	777	780	781	rBV3	80101	112479	2.45%	0.140%
40	11.151	789	793	795	rBV2	94427	146961	3.20%	0.183%
41	11.196	795	797	799	rVB	72274	90260	1.97%	0.113%
42	11.253	799	802	804	rBV2	129099	249045	5.42%	0.311%
43	11.288	804	805	807	rVB	166441	146377	3.19%	0.183%
44	11.391	812	814	815	rBV	1003339	1611621	35.10%	2.012%
45	11.413	815	816	818	rVV	1112299	869219	18.93%	1.085%
46	11.459	818	820	822	rVB	779956	720543	15.69%	0.900%
47	11.619	831	834	835	rBV	132803	203944	4.44%	0.255%
48	11.688	838	840	841	rVV	172810	182173	3.97%	0.227%
49	11.722	841	843	845	rVV2	37867	66086	1.44%	0.083%
50	11.882	855	857	859	rBV	165048	295965	6.45%	0.369%
51	11.916	859	860	862	rVB	387801	317815	6.92%	0.397%
52	11.962	862	864	865	rBV2	221941	209770	4.57%	0.262%
53	11.996	865	867	872	rVB2	511461	782176	17.04%	0.977%
54	12.088	874	875	877	rBV	82361	108290	2.36%	0.135%
55	12.179	881	883	884	rBV2	142790	167006	3.64%	0.208%
56	12.431	903	905	907	rBV2	201930	311362	6.78%	0.389%
57	12.476	907	909	911	rVV	225563	336042	7.32%	0.420%
58	12.522	911	913	915	rVB	220837	256772	5.59%	0.321%
59	12.602	917	920	922	rBV	3172856	3565970	77.67%	4.452%
60	12.694	926	928	930	rVV	306396	298511	6.50%	0.373%
61	12.831	936	940	942	rBV	3012242	4115519	89.64%	5.138%
62	12.968	950	952	956	rVB	2137900	2698072	58.76%	3.368%
63	13.048	956	959	961	rBV2	296185	528714	11.52%	0.660%
64	13.151	964	968	970	rVB2	534325	825031	17.97%	1.030%
65	13.219	971	974	975	rVV2	365139	414968	9.04%	0.518%
66	13.254	975	977	981	rVB2	390015	543850	11.85%	0.679%
67	13.322	981	983	984	rBV2	128865	192482	4.19%	0.240%
68	13.379	987	988	990	rBV	203917	201440	4.39%	0.251%
69	13.551	1001	1003	1009	rVB3	205865	302584	6.59%	0.378%
70	13.654	1010	1012	1015	rVB	217750	387216	8.43%	0.483%
71	13.768	1020	1022	1024	rBV	275166	520307	11.33%	0.650%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.871	1029	1031	1036	rVB3	298059	647408	14.10%	0.808%
73	14.019	1041	1044	1046	rBV2	2247772	4179059	91.02%	5.217%
74	14.054	1046	1047	1050	rVB	1579030	1361768	29.66%	1.700%
75	14.134	1051	1054	1056	rBV2	298918	627433	13.67%	0.783%
76	14.408	1076	1078	1080	rBV	362331	414486	9.03%	0.517%
77	14.499	1084	1086	1088	rBV	311260	413809	9.01%	0.517%
78	14.534	1088	1089	1092	rVB2	244097	377521	8.22%	0.471%
79	15.048	1131	1134	1139	rBV	1650790	3942659	85.87%	4.922%
80	15.151	1141	1143	1145	rVB	568773	596039	12.98%	0.744%
81	15.345	1157	1160	1162	rVB	799345	1344167	29.28%	1.678%
82	15.402	1162	1165	1168	rVB	1427991	1971874	42.95%	2.462%
83	15.460	1168	1170	1171	rBV	540332	742181	16.16%	0.927%
84	16.134	1227	1229	1236	rVB	412857	873868	19.03%	1.091%
85	16.545	1263	1265	1272	rVB5	299833	785071	17.10%	0.980%
86	16.865	1290	1293	1298	rVB2	750177	1748703	38.09%	2.183%
87	17.300	1327	1331	1338	rVB	797596	1808949	39.40%	2.258%

Sum of corrected areas: 80099051

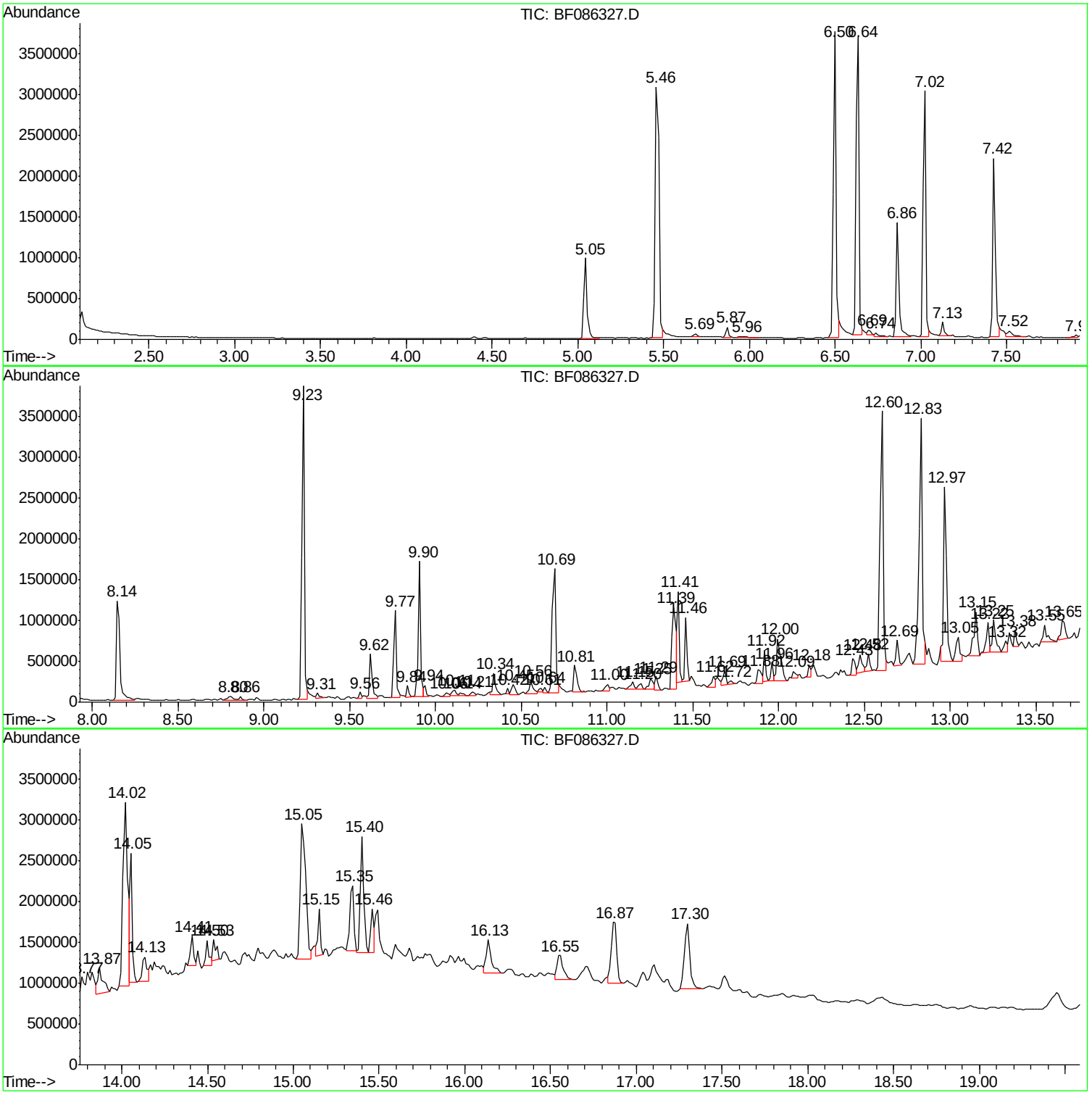
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

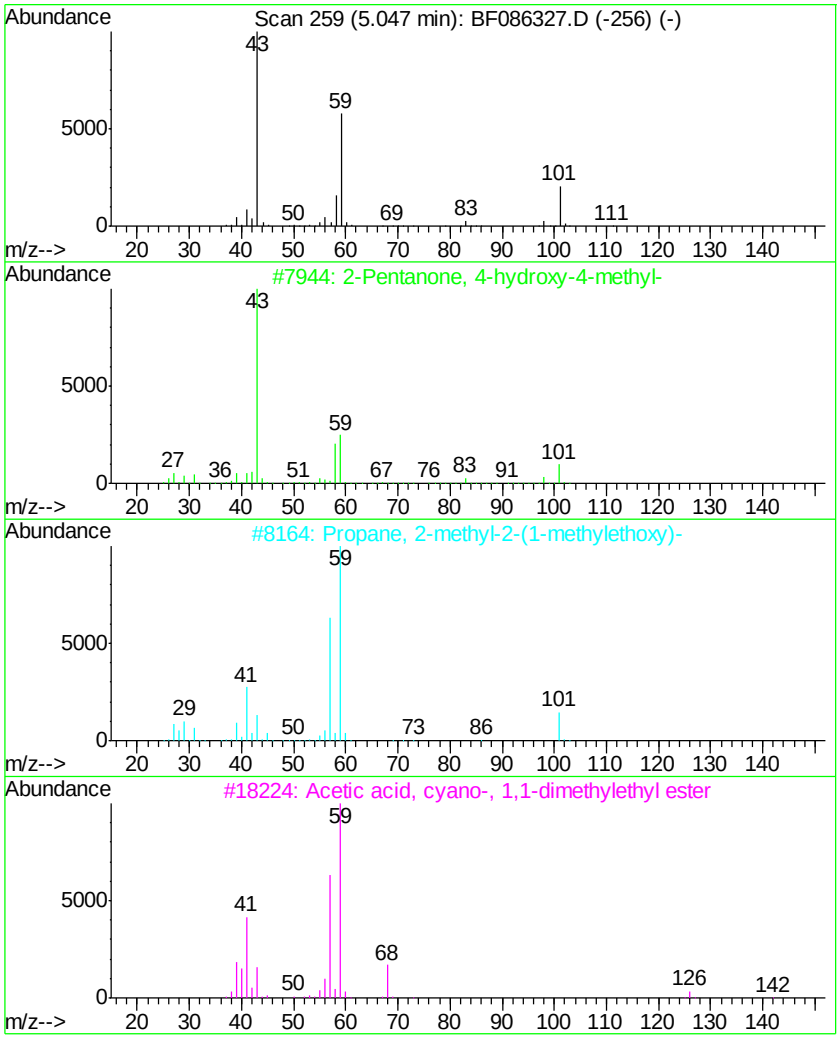
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

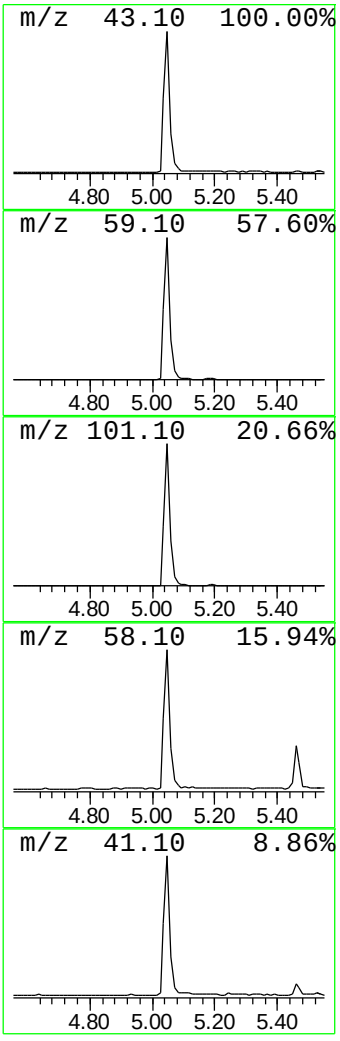
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	18.05 ng	1273350	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

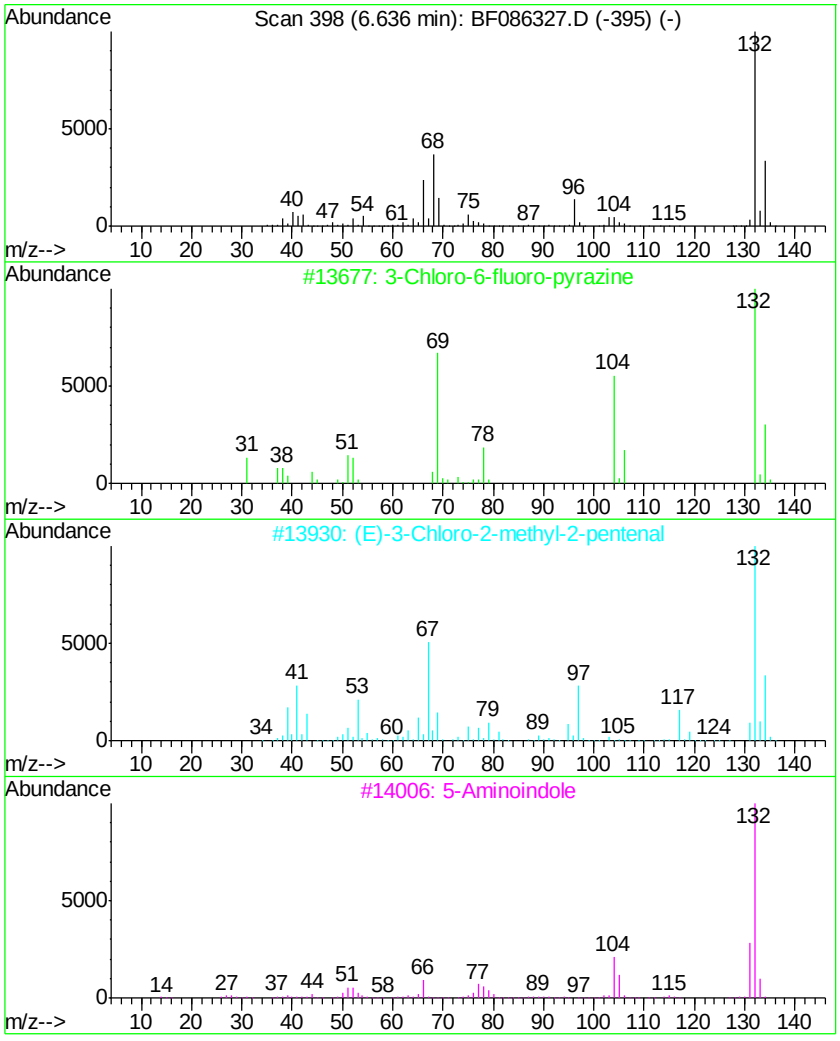
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

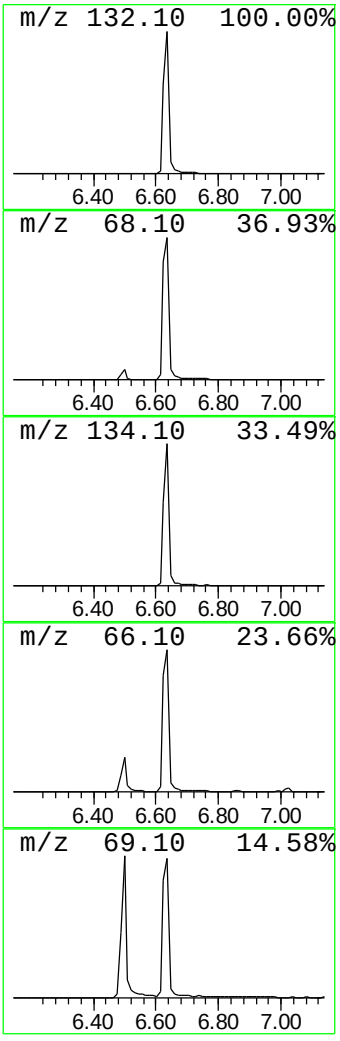
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	65.10 ng	4591350	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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TIC Library : C:\DATABASE\NIST02.L
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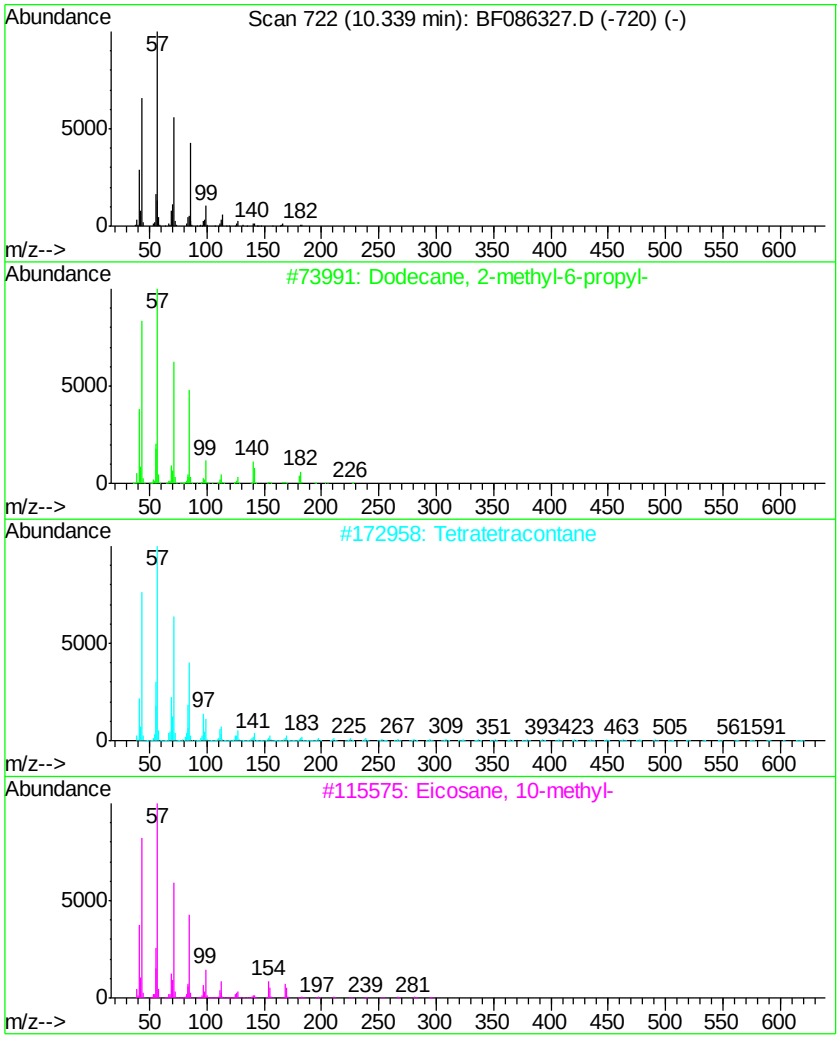
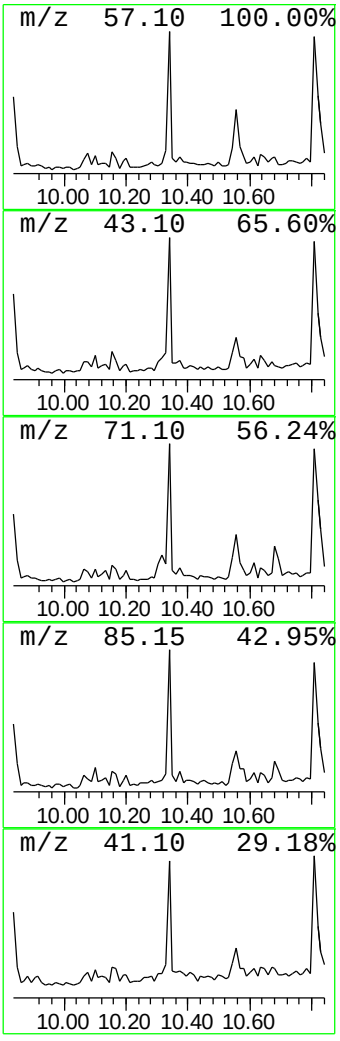
****

Peak Number 4 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	3.83 ng	309309	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	83





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ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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TIC Library : C:\DATABASE\NIST02.L
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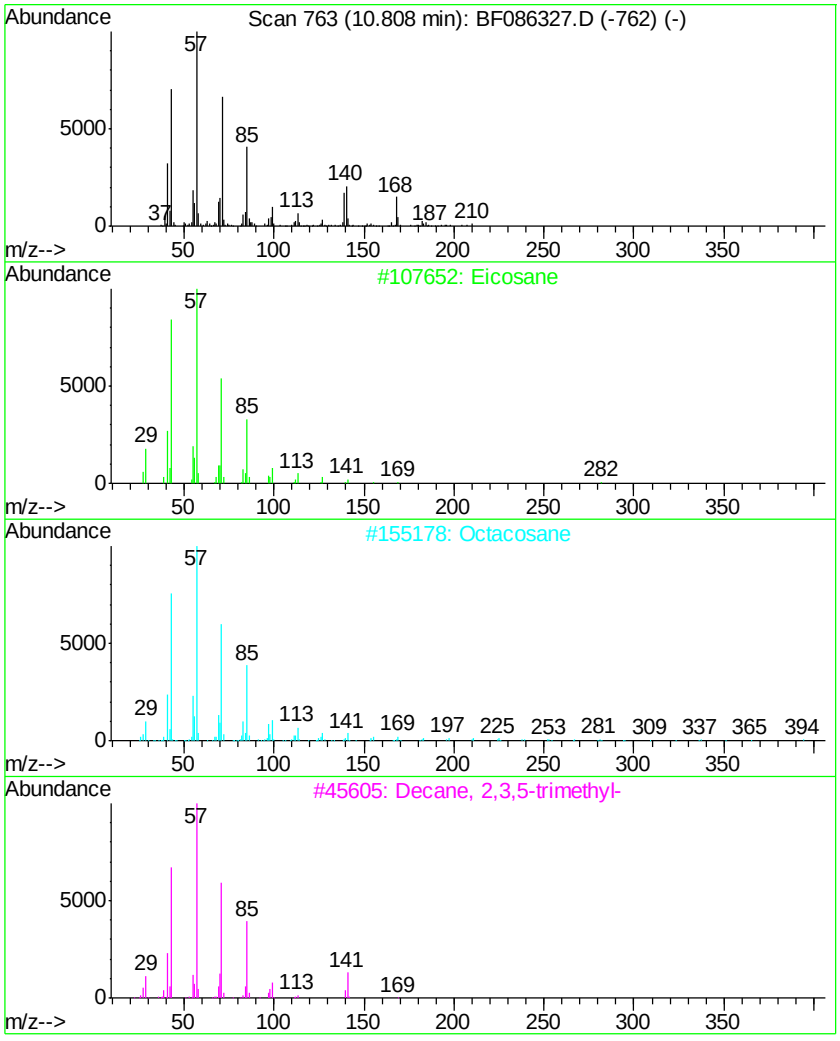
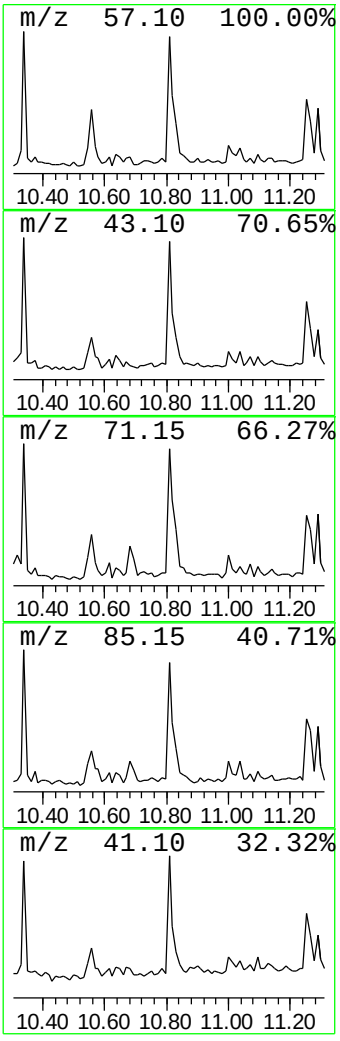
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	5.72 ng	460903	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Octacosane	394	C28H58	000630-02-4	62
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Pentadecane	212	C15H32	000629-62-9	58





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

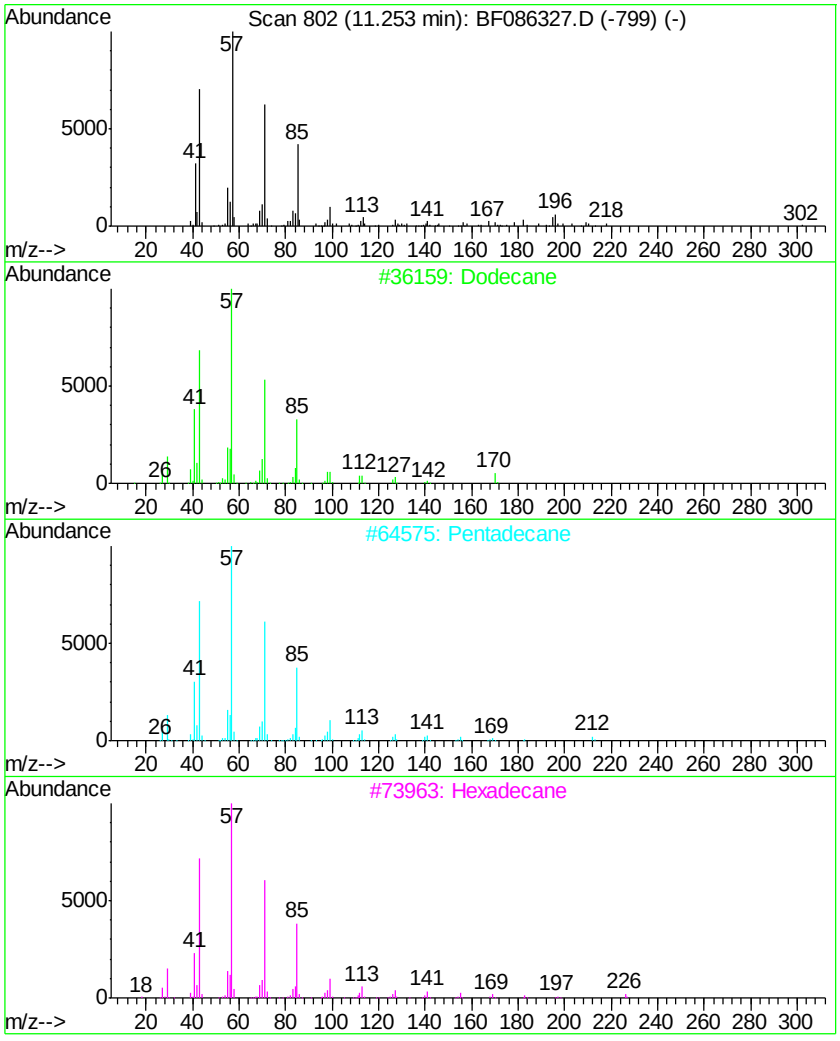
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

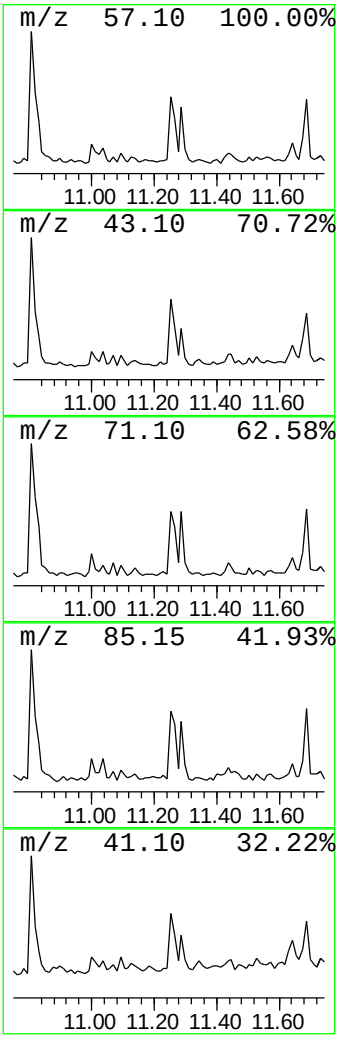
****

Peak Number 7 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.09 ng	249045	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Pentadecane	212	C15H32	000629-62-9	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Eicosane	282	C20H42	000112-95-8	74





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Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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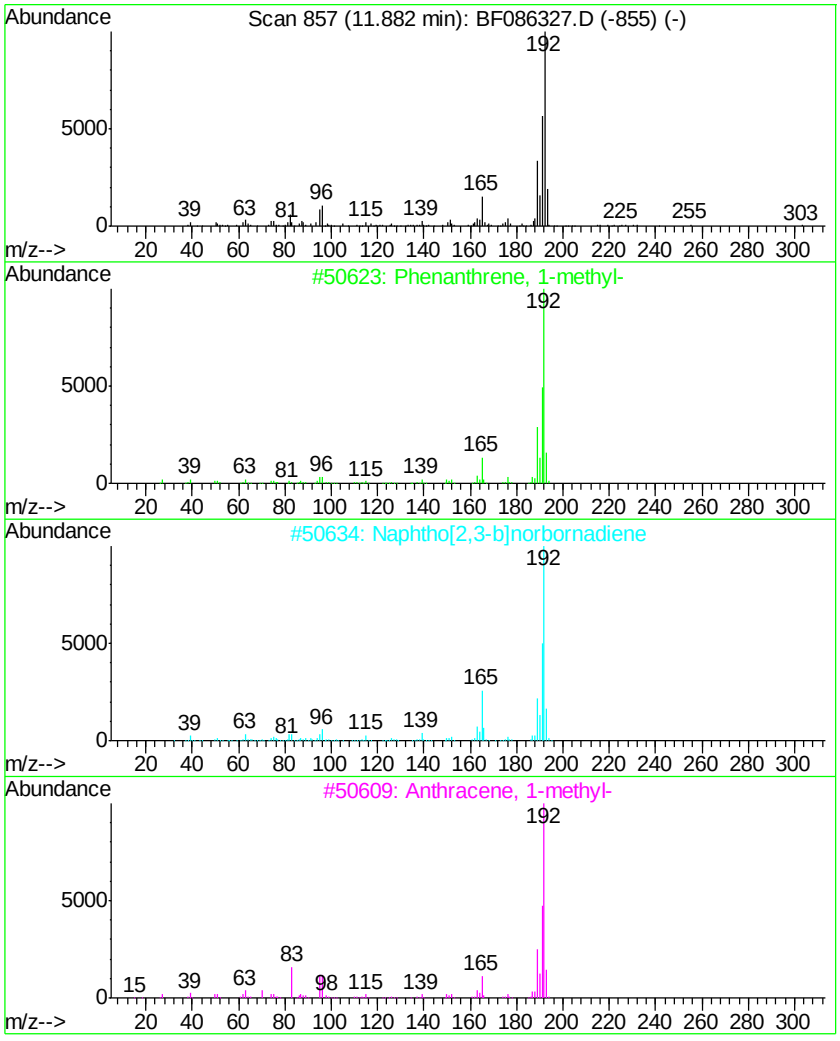
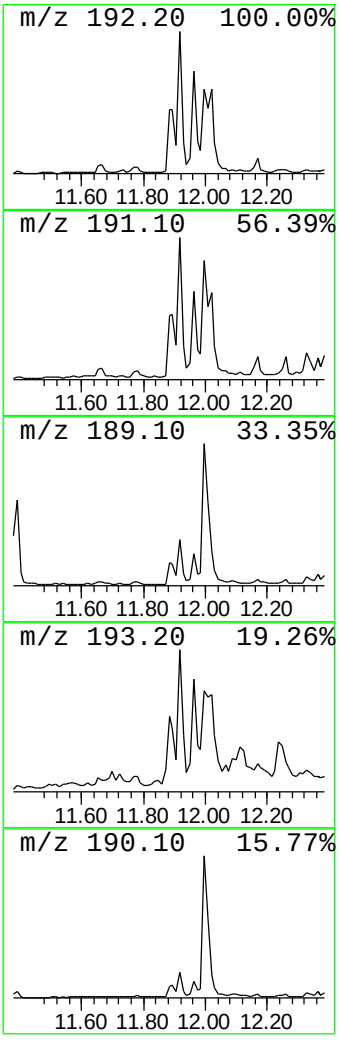
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.67 ng	295965	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

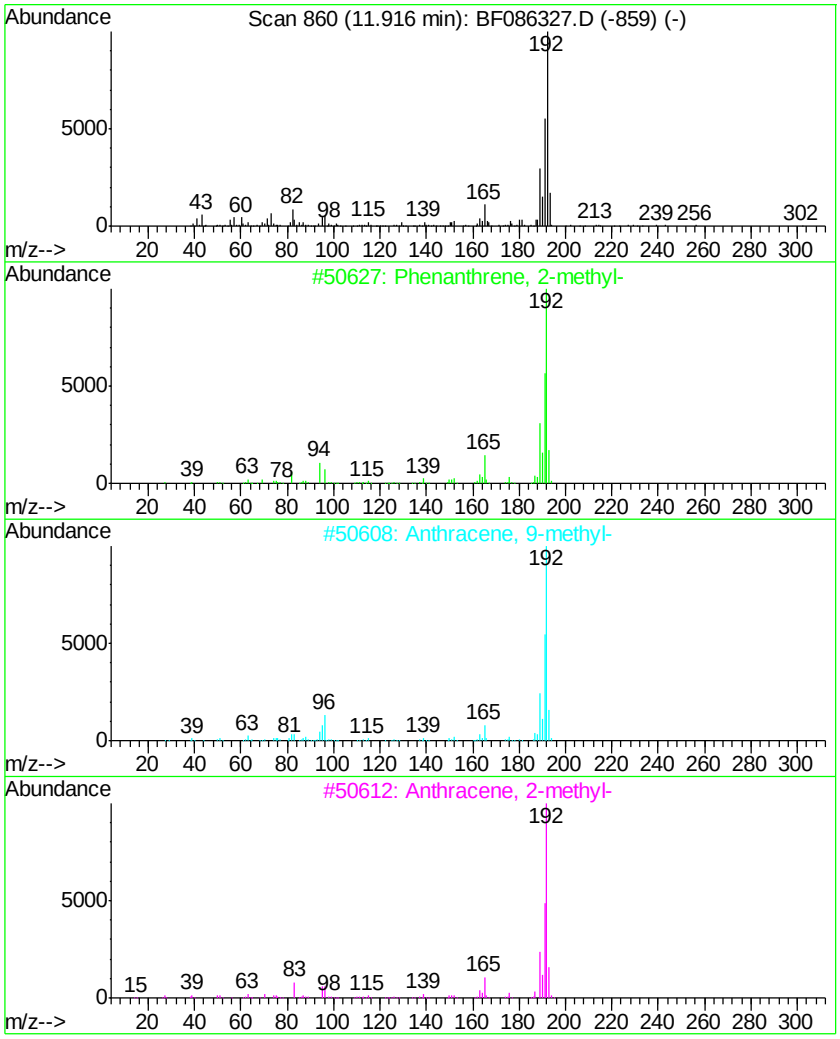
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

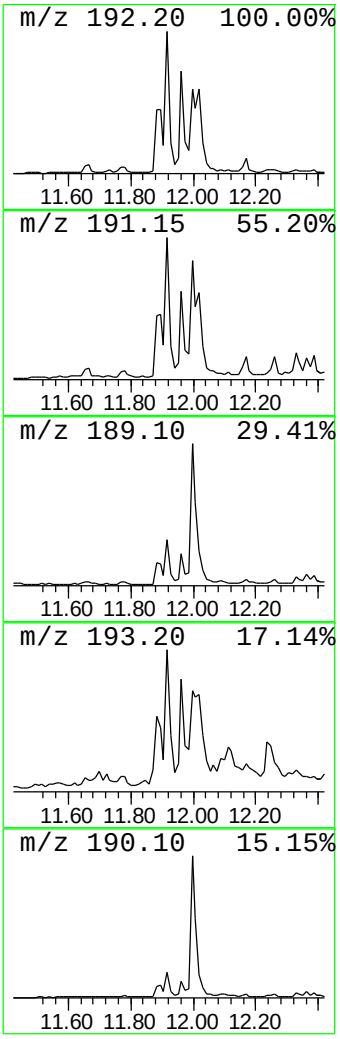
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.94 ng	317815	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

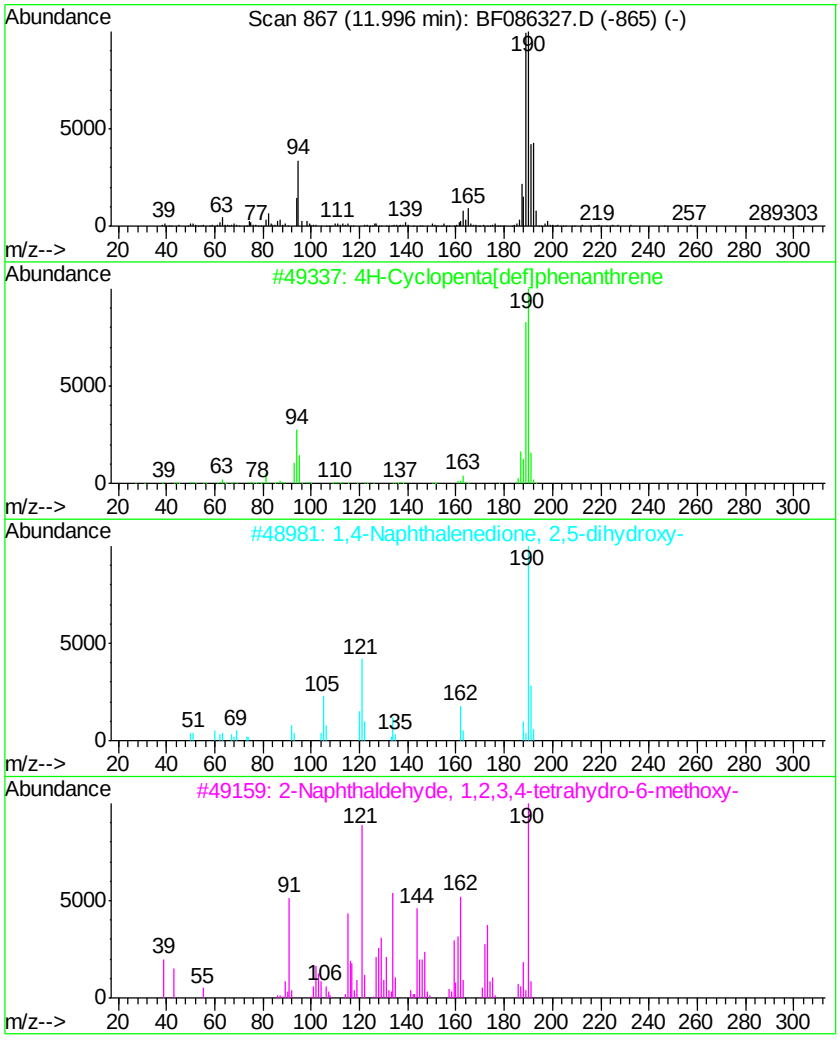
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

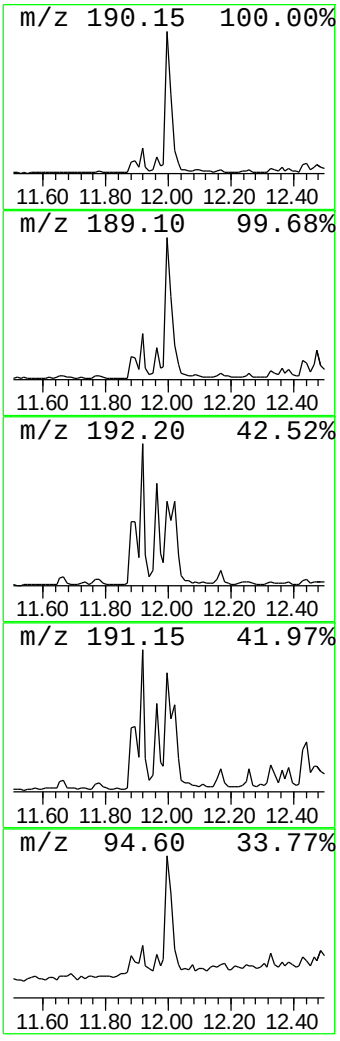
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	9.71 ng	782176	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12
3	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	11
4	Phenantro[9,10-b]furazano[3,4-c]...	272	C16H8N4O	024294-86-8	10
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	10





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Data File : BF086327.D
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Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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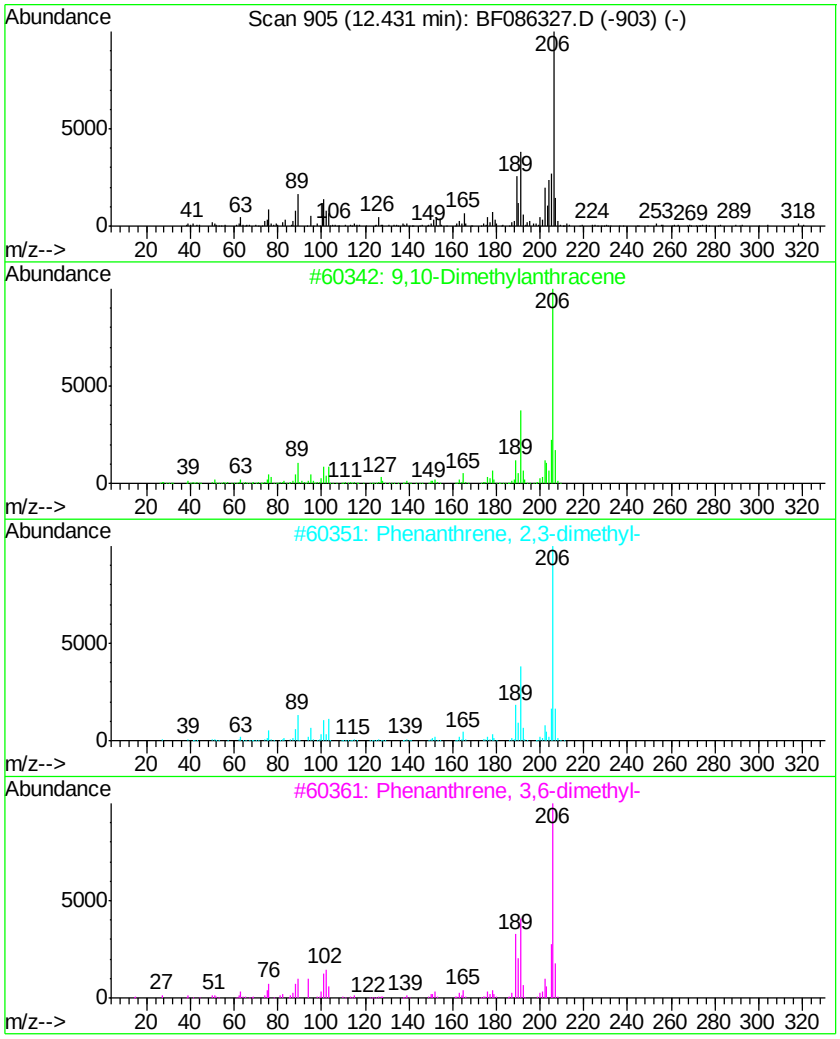
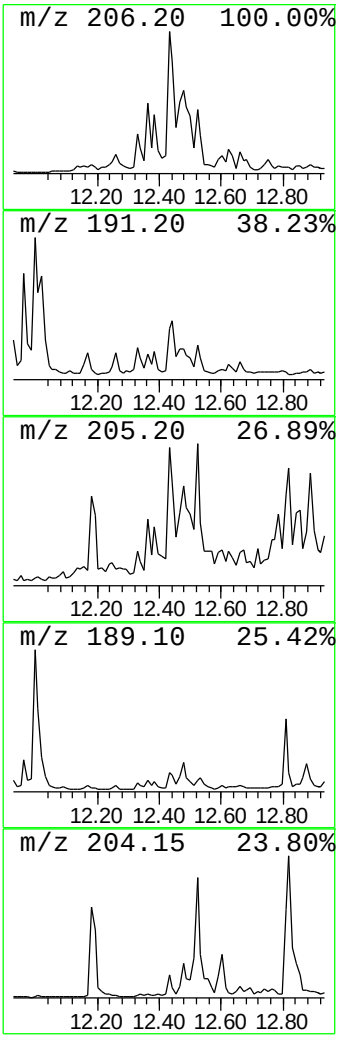
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.86 ng	311362	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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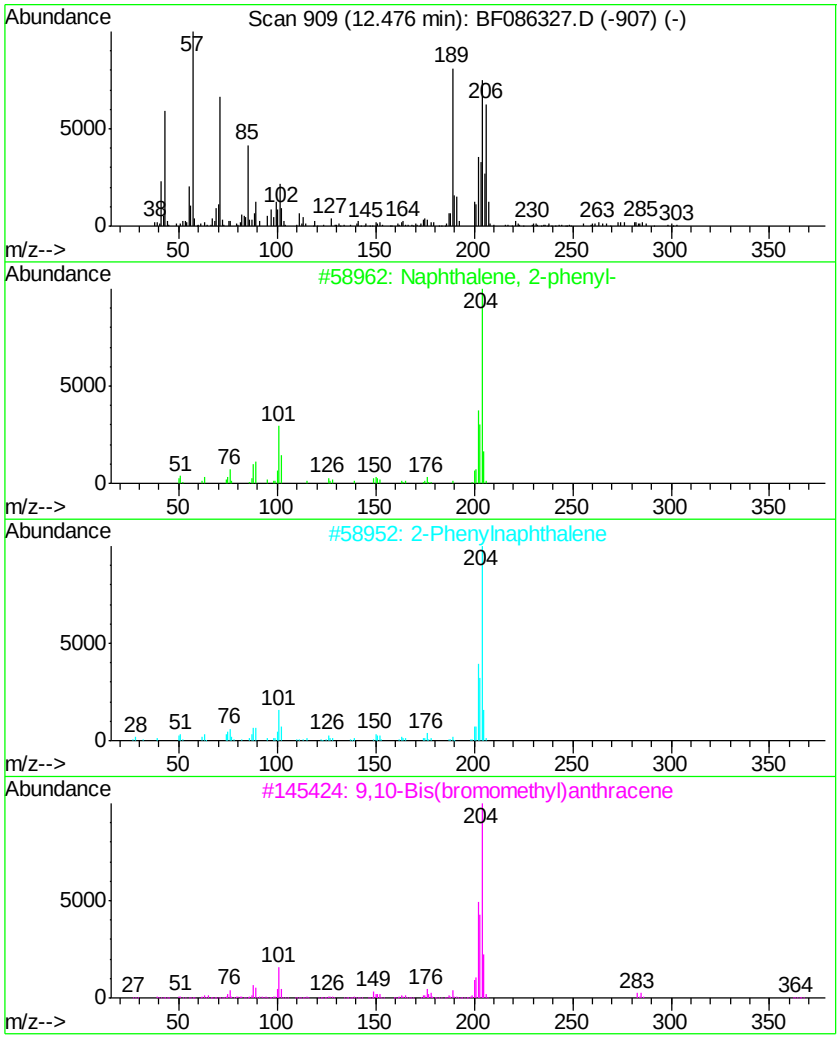
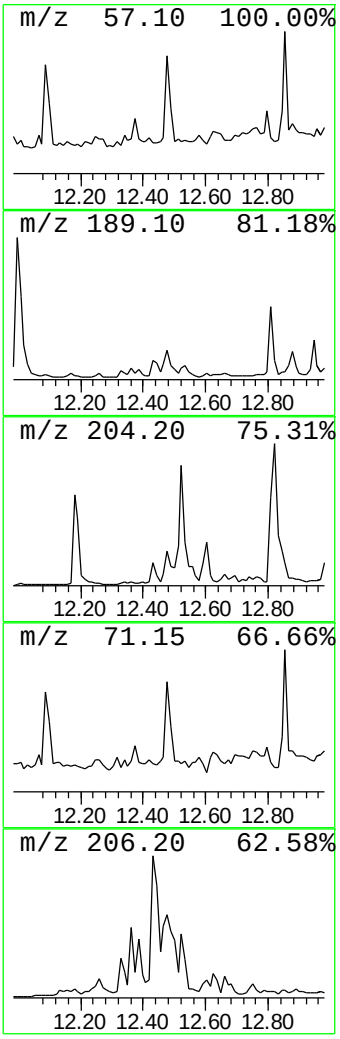
Peak Number 12 unknown12.48 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.17 ng	336042	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	30
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	20





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Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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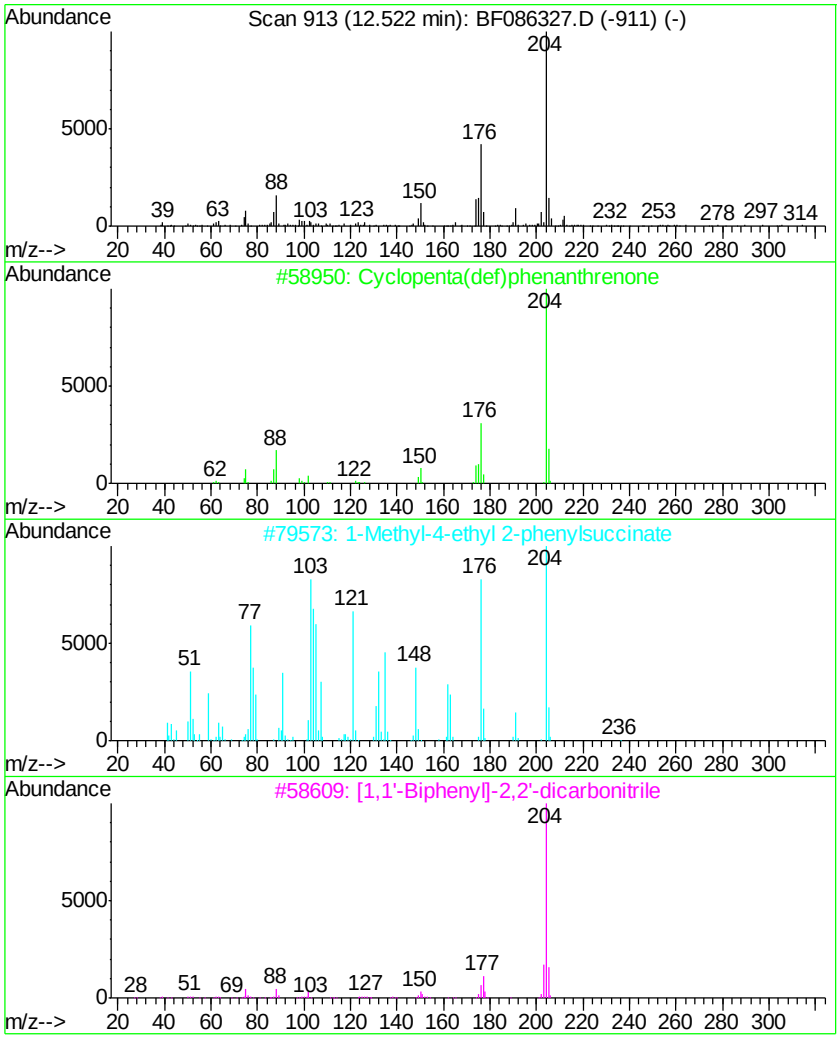
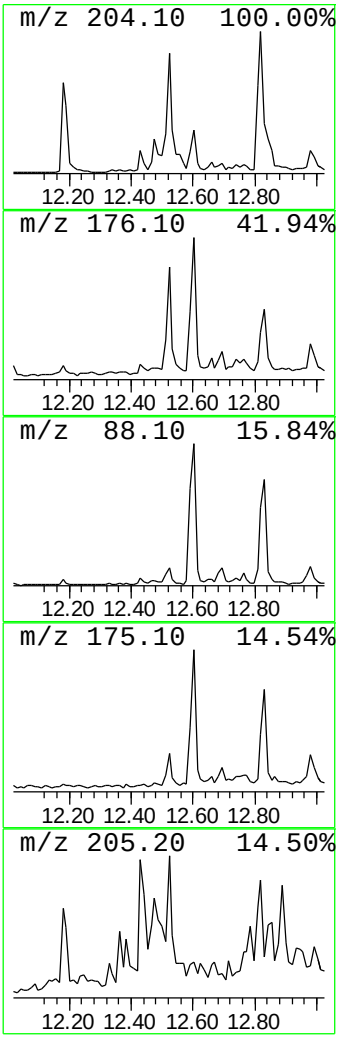
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.19 ng	256772	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46





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Acq On : 21 Apr 2016 00:03
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Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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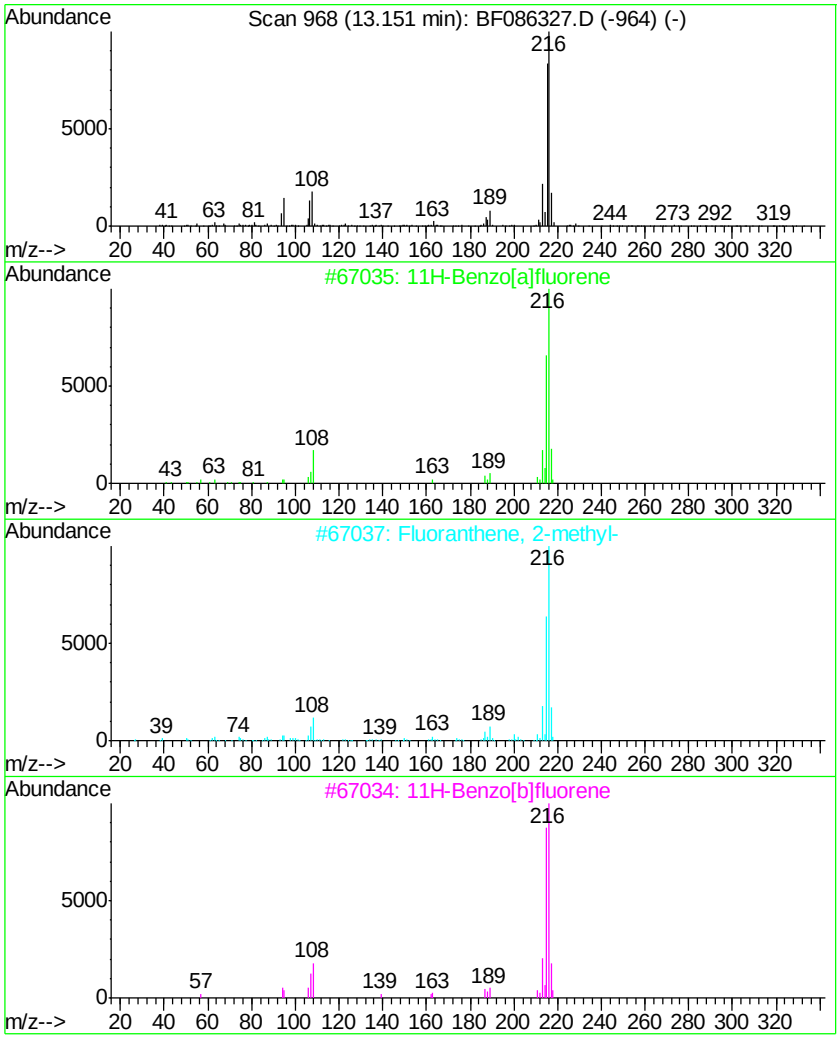
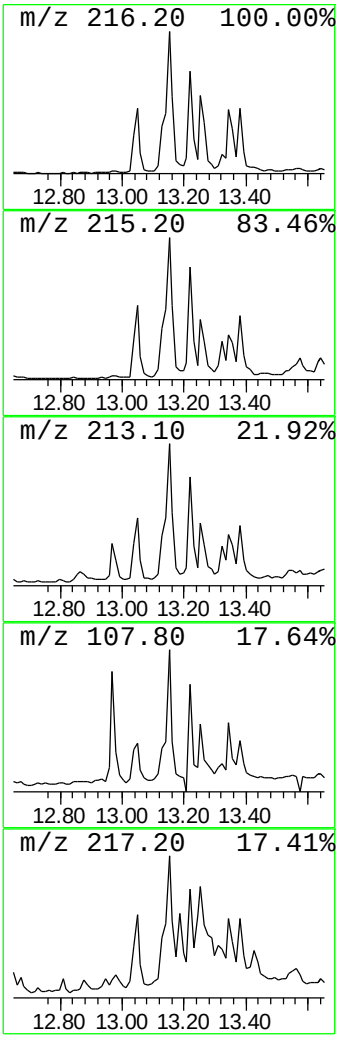
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.95 ng	825031	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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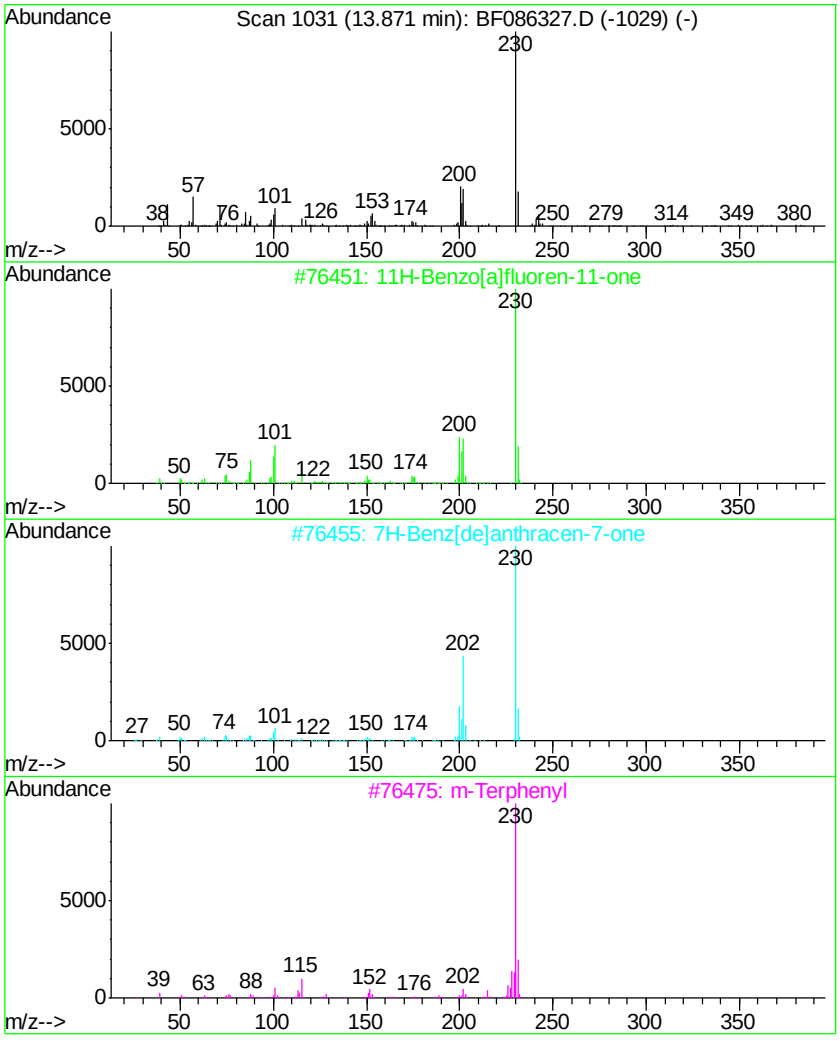
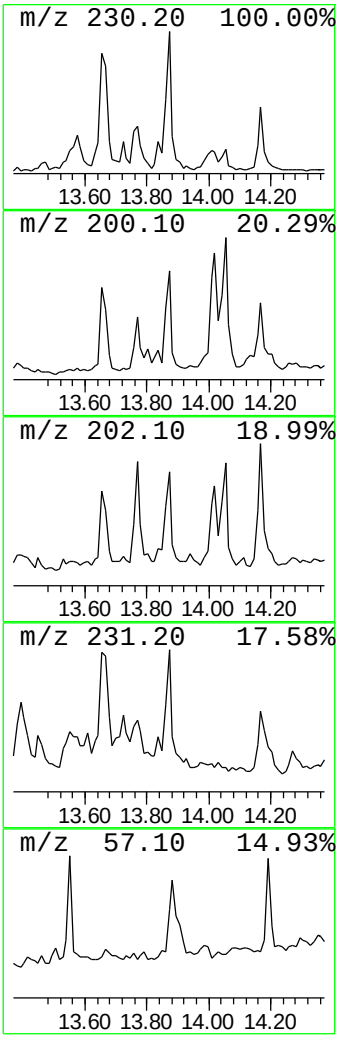
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.10 ng	647408	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	m-Terphenyl	230	C18H14	000092-06-8	53
4	p-Terphenyl	230	C18H14	000092-94-4	53
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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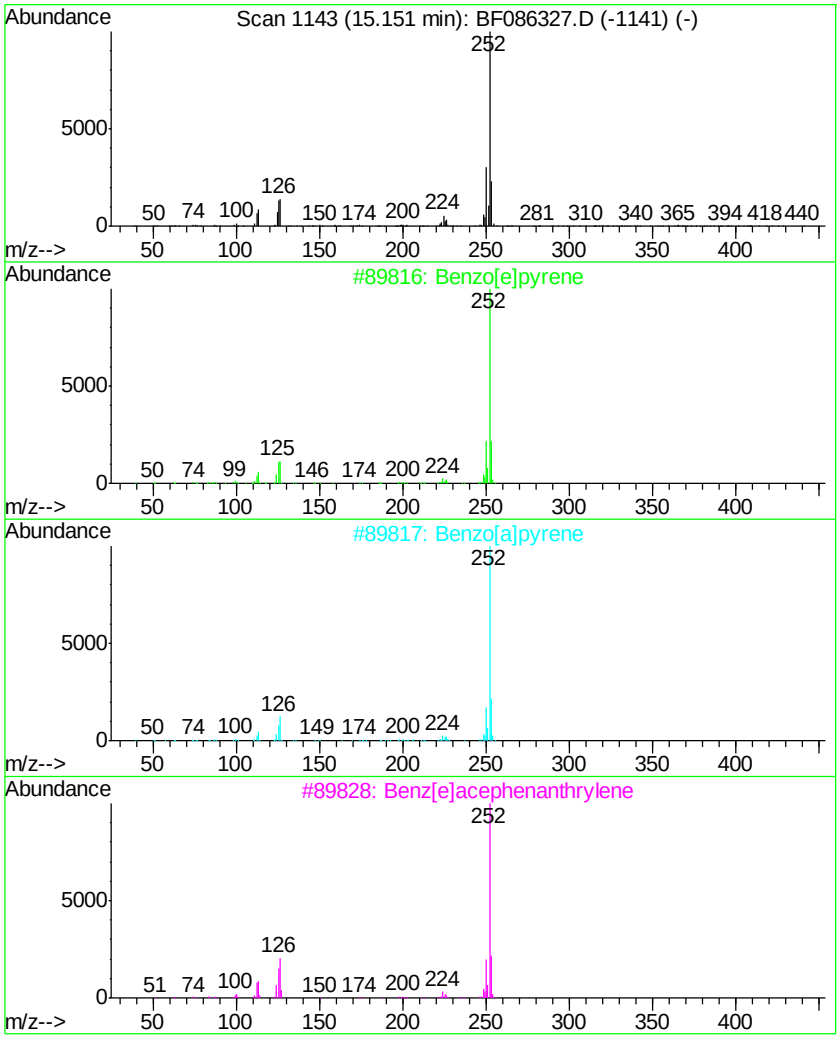
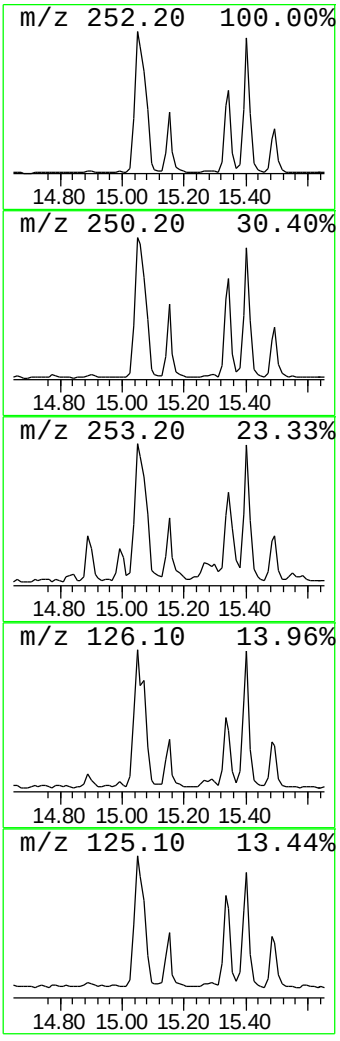
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	16.06 ng	596039	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	87





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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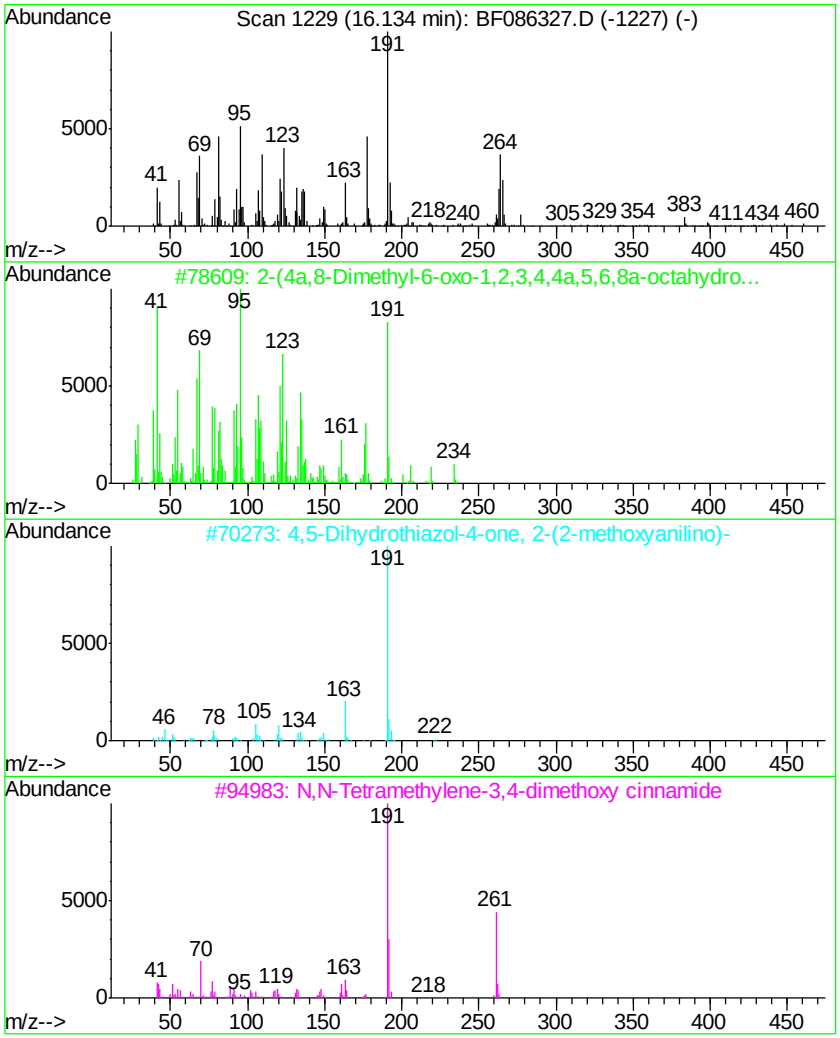
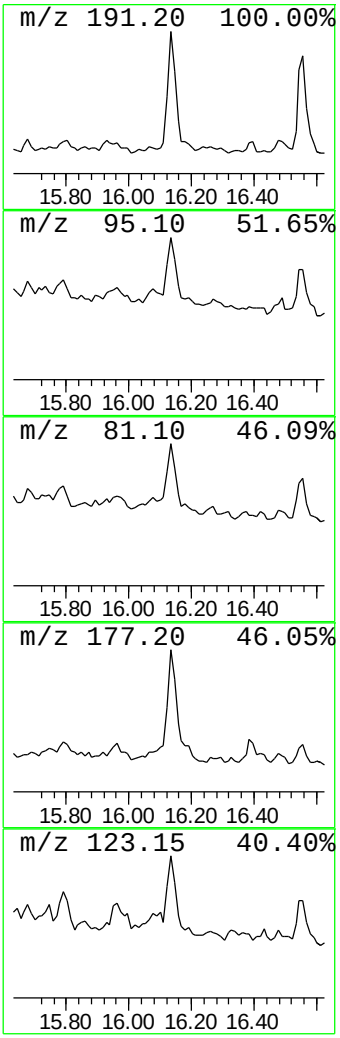
Peak Number 19 unknown16.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	23.55 ng	873868	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	32
2	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	30
3	N,N-Tetramethylene-3,4-dimethoxy...	261	C15H19NO3	327079-67-4	22
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	16
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	16





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Operator : UM/SJ
Sample : H2601-09
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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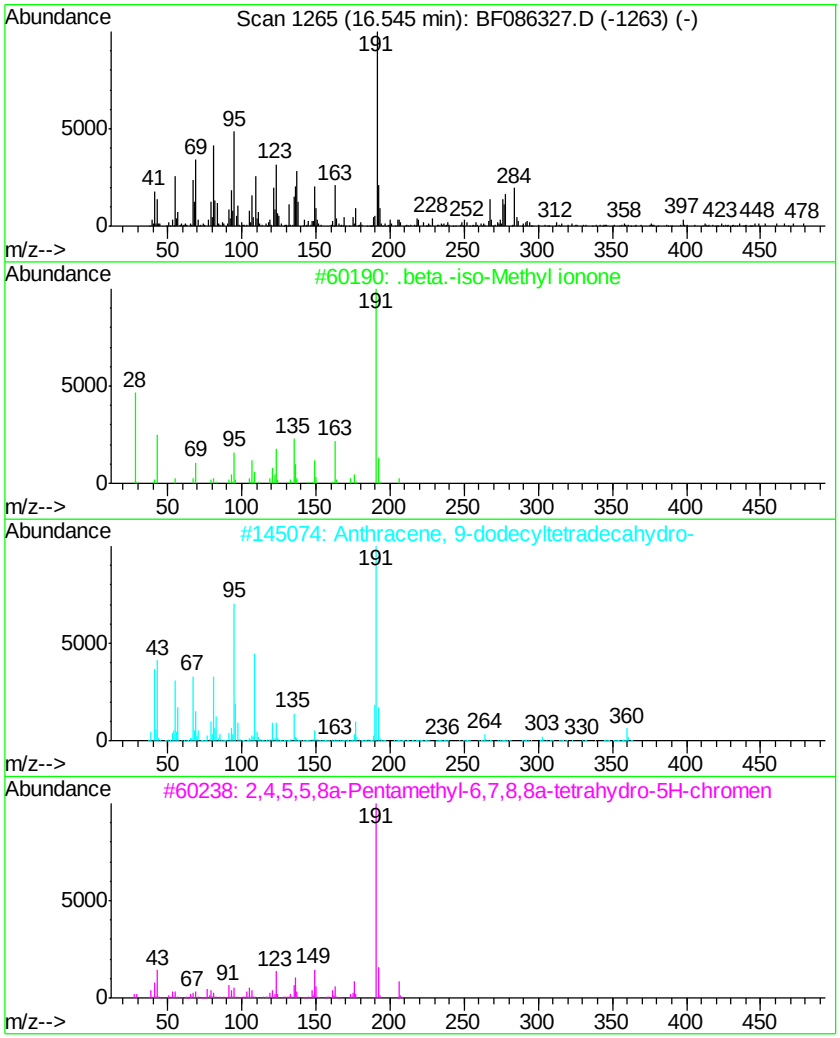
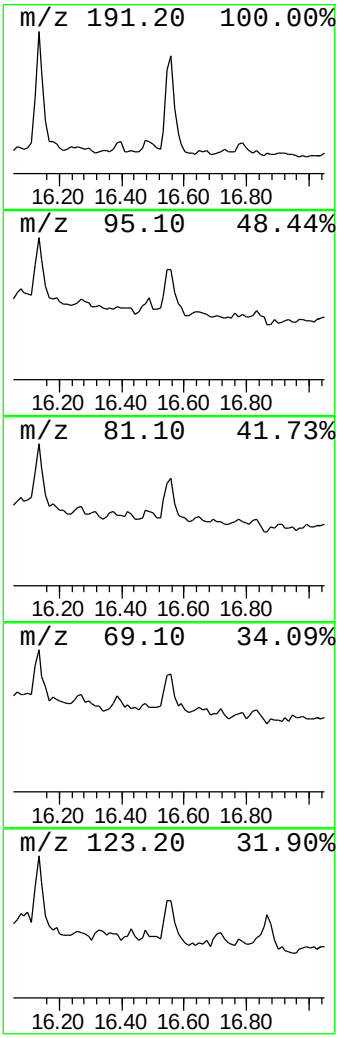
Peak Number 20 unknown16.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	21.16 ng	785071	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32
5	2,3-Dimethyl-6-(3-methyl-butyryl...	248	C15H20O3	071940-30-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086327.D
Acq On : 21 Apr 2016 00:03
Operator : UM/SJ
Sample : H2601-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.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...	5.05	18.1	ng	1273350	1	6.86	1410530	20.0
unknown6.64	6.64	65.1	ng	4591350	1	6.86	1410530	20.0
Dodecane, 2-methy...	10.34	3.8	ng	309309	3	9.90	1614720	20.0
Eicosane	10.81	5.7	ng	460903	4	11.39	1611620	20.0
Dodecane	11.25	3.1	ng	249045	4	11.39	1611620	20.0
Phenanthrene, 1-m...	11.88	3.7	ng	295965	4	11.39	1611620	20.0
Phenanthrene, 2-m...	11.92	3.9	ng	317815	4	11.39	1611620	20.0
4H-Cyclopenta[def...	12.00	9.7	ng	782176	4	11.39	1611620	20.0
9,10-Dimethylanth...	12.43	3.9	ng	311362	4	11.39	1611620	20.0
unknown12.48	12.48	4.2	ng	336042	4	11.39	1611620	20.0
Cyclopenta(def)ph...	12.52	3.2	ng	256772	4	11.39	1611620	20.0
11H-Benzo[a]fluorene	13.15	4.0	ng	825031	5	14.03	4179060	20.0
11H-Benzo[a]fluor...	13.87	3.1	ng	647408	5	14.03	4179060	20.0
Benzo[e]pyrene	15.15	16.1	ng	596039	6	15.46	742181	20.0
unknown16.13	16.13	23.6	ng	873868	6	15.46	742181	20.0
unknown16.55	16.55	21.2	ng	785071	6	15.46	742181	20.0