LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

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-BF063016.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	1.667	5	7	12	rVV	64891	105422	6.79%	0.373%
2	1.781	15	17	34	rVB	896643	1406215	90.57%	4.978%
3	2.204	52	54	57	rVB	19618	27934	1.80%	0.099%
4	4.822	281	283	287	rBV	104914	141583	9.12%	0.501%
5	5.039	289	302	304	rBV	31090	142111	9.15%	0.503%
6	5.096	305	307	309	rVB2	31708	43170	2.78%	0.153%
7	5.222	316	318	322	rVB	12229	18444	1.19%	0.065%
8	5.290	322	324	327	rBV	931982	868363	55.93%	3.074%
9	6.342	414	416	419	rBV	687007	840305	54.12%	2.975%
10	6.467	424	427	429	rBV	669187	869869	56.02%	3.080%
11	6.513	429	431	435	rVB	33954	31476	2.03%	0.111%
12	6.685	444	446	448	rBV	263340	284562	18.33%	1.007%
13	6.765	450	453	458	rBV2	10597	35998	2.32%	0.127%
14	6.845	458	460	462	rVV	841964	681514	43.89%	2.413%
15	7.096	479	482	487	rBV3	18416	45843	2.95%	0.162%
16	7.256	493	496	498	rBV	592849	542462	34.94%	1.920%
17	7.725	534	537	541	rBV2	44233	62848	4.05%	0.222%
18	7.896	550	552	553	rBV	25684	21277	1.37%	0.075%
19	7.976	557	559	560	rBV	455359	394409	25.40%	1.396%
20	7.999	560	561	562	rVB	96937	66688	4.29%	0.236%
21	8.308	585	588	589	rBV2	13574	17593	1.13%	0.062%
22	8.582	607	612	613	rBV	8301	17369	1.12%	0.061%
23	8.685	619	621	624	rBV2	78037	86409	5.57%	0.306%
24	8.742	624	626	628	rVV	76658	82596	5.32%	0.292%
25	8.788	628	630	632	rVB	44350	40079	2.58%	0.142%
26	8.936	642	643	645	rVB2	16575	21052	1.36%	0.075%
27	9.050	651	653	655	rVB	1094734	866824	55.83%	3.069%
28	9.153	658	662	664	rBV2	24565	47558	3.06%	0.168%
29	9.188	664	665	669	rVV3	13146	18761	1.21%	0.066%
30	9.313	672	676	678	rBV	24114	35408	2.28%	0.125%
31	9.382	680	682	684	rVV	41155	47344	3.05%	0.168%
32	9.451	686	688	690	rVV	196669	205077	13.21%	0.726%
33	9.496	690	692	695	rVB3	23441	32781	2.11%	0.116%
34	9.588	698	700	702	rVB	41619	54751	3.53%	0.194%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.668	706	707	709	rVB	19233	17434	1.12%	0.062%
36	9.725	709	712	713	rBV	415649	456425	29.40%	1.616%
37	9.759	713	715	717	rVB	79328	105819	6.82%	0.375%
38	9.828	720	721	724	rBV3	16572	29523	1.90%	0.105%
39	9.931	727	730	732	rVV3	65352	94833	6.11%	0.336%
40	9.965	732	733	737	rVB3	20053	22564	1.45%	0.080%
41	10.045	737	740	741	rBV2	12845	28452	1.83%	0.101%
42	10.068	741	742	744	rVB	25432	17655	1.14%	0.063%
43	10.148	744	749	750	rBV3	76940	94517	6.09%	0.335%
44	10.171	750	751	753	rVB2	25704	26270	1.69%	0.093%
45	10.262	758	759	763	rVB	120607	124735	8.03%	0.442%
46	10.331	763	765	766	rBV	24661	27960	1.80%	0.099%
47	10.422	772	773	776	rVB3	45748	44435	2.86%	0.157%
48	10.502	778	780	782	rBV2	353577	475433	30.62%	1.683%
49	10.582	786	787	789	rVB	32989	23780	1.53%	0.084%
50	10.639	789	792	794	rVB2	46244	64601	4.16%	0.229%
51	10.731	796	800	801	rBV3	24361	44563	2.87%	0.158%
52	10.811	804	807	808	rBV2	42331	53982	3.48%	0.191%
53	10.845	808	810	811	rBV2	13295	17139	1.10%	0.061%
54	10.868	811	812	813	rVB	31543	21623	1.39%	0.077%
55	10.959	816	820	823	rBV3	45139	97783	6.30%	0.346%
56	11.005	823	824	826	rVB	74927	61445	3.96%	0.218%
57	11.085	828	831	833	rVB2	807307	821951	52.94%	2.910%
58	11.142	833	836	837	rVB	214807	182619	11.76%	0.647%
59	11.165	837	838	839	rBV	34045	40014	2.58%	0.142%
60	11.199	839	841	842	rBV	368785	357262	23.01%	1.265%
61	11.222	842	843	845	rVB	845570	898920	57.89%	3.182%
62	11.279	845	848	849	rVB	278359	336896	21.70%	1.193%
63	11.314	849	851	853	rBV2	38525	53341	3.44%	0.189%
64	11.348	853	854	856	rBV2	21601	30719	1.98%	0.109%
65	11.428	859	861	864	rBV2	103636	147251	9.48%	0.521%
66	11.508	865	868	869	rBV2	24178	46534	3.00%	0.165%
67	11.531	869	870	873	rVB2	43021	42889	2.76%	0.152%
68	11.599	874	876	879	rVB3	33466	58560	3.77%	0.207%
69	11.748	879	889	893	rBV3	253160	1162241	74.85%	4.115%
70	11.805	893	894	899	rVB	168156	311505	20.06%	1.103%
71	11.885	899	901	902	rBV2	31083	47313	3.05%	0.168%

LSC Area Percent Report

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Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.919	902	904	906	rVB3	41836	50799	3.27%	0.180%
73	11.999	909	911	916	rVB2	96759	204879	13.19%	0.725%
74	12.148	922	924	925	rVB	38537	32440	2.09%	0.115%
75	12.251	931	933	935	rBV	106038	162087	10.44%	0.574%
76	12.331	939	940	943	rVV2	99940	157795	10.16%	0.559%
77	12.411	944	947	949	rVV	1266232	1402746	90.34%	4.966%
78	12.491	951	954	956	rVV	1167370	1552702	100.00%	5.497%
79	12.537	956	958	961	rVV3	78488	171573	11.05%	0.607%
80	12.639	964	967	969	rBV	1169261	1402224	90.31%	4.964%
81	12.674	969	970	976	rVV	600918	810173	52.18%	2.868%
82	12.754	976	977	978	rVV	87844	81549	5.25%	0.289%
83	12.788	978	980	982	rVB	791490	780178	50.25%	2.762%
84	12.971	994	996	997	rVB	146539	183603	11.82%	0.650%
85	13.028	1000	1001	1003	rVV	133652	142649	9.19%	0.505%
86	13.268	1019	1022	1024	rBV	630776	597071	38.45%	2.114%
87	13.577	1047	1049	1050	rBV	114204	130951	8.43%	0.464%
88	13.828	1068	1071	1073	rBV2	1037645	1443892	92.99%	5.112%
89	13.862	1073	1074	1076	rVB	469542	340467	21.93%	1.205%
90	14.320	1112	1114	1116	rBV2	133900	223322	14.38%	0.791%
91	14.834	1157	1159	1163	rVV	402537	697063	44.89%	2.468%
92	14.914	1164	1166	1175	rVB3	308921	607461	39.12%	2.151%
93	15.097	1180	1182	1185	rVB	247638	383945	24.73%	1.359%
94	15.154	1185	1187	1190	rVB	306126	409903	26.40%	1.451%
95	15.211	1190	1192	1193	rBV	156001	180987	11.66%	0.641%
96	15.634	1226	1229	1231	rBV	255420	358651	23.10%	1.270%
97	16.503	1302	1305	1309	rVB	155810	308973	19.90%	1.094%
98	16.891	1336	1339	1344	rVB	121053	226696	14.60%	0.803%
99	17.006	1346	1349	1354	rVB4	101506	235399	15.16%	0.833%
100	17.897	1424	1427	1433	rVB2	101158	273121	17.59%	0.967%

Sum of corrected areas: 28246380

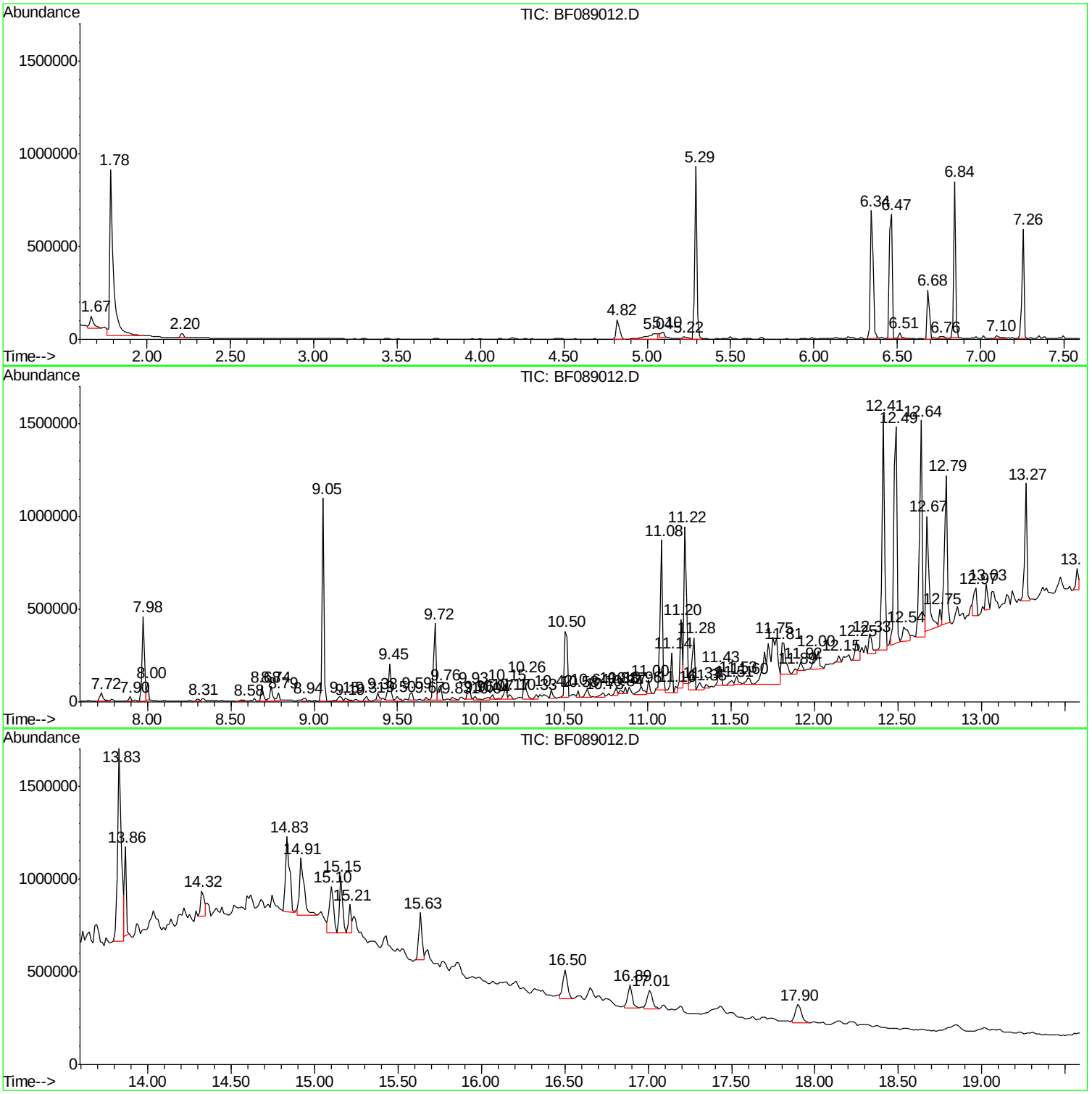
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

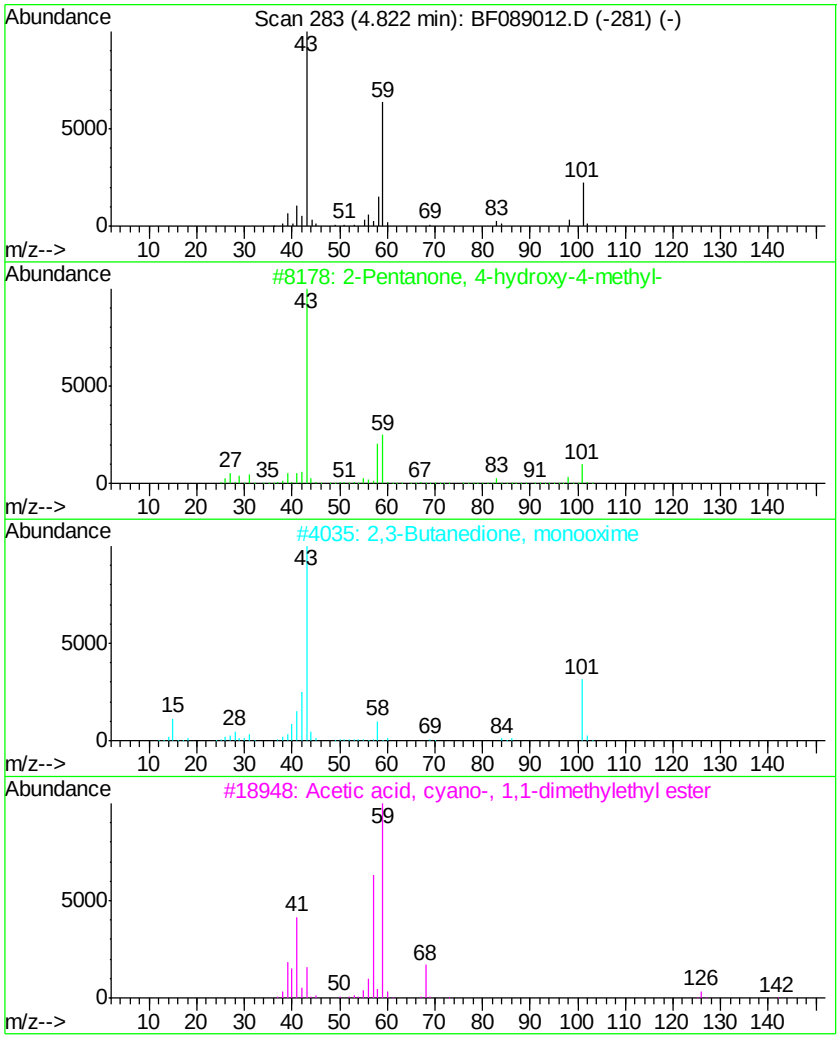
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

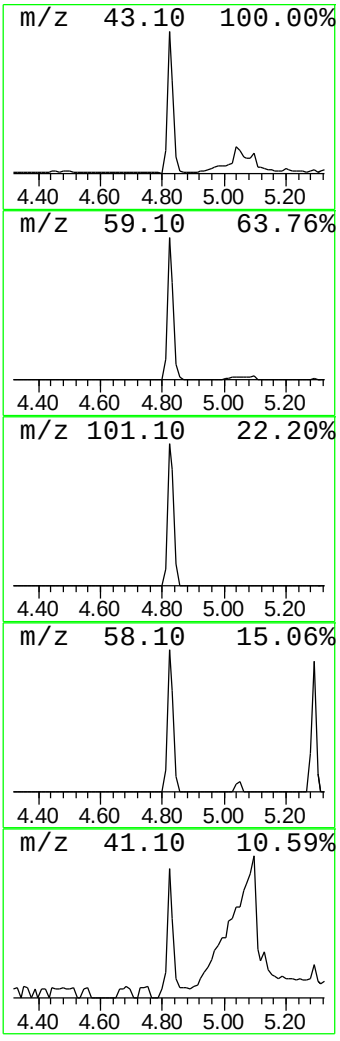
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	9.95 ng	141583	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

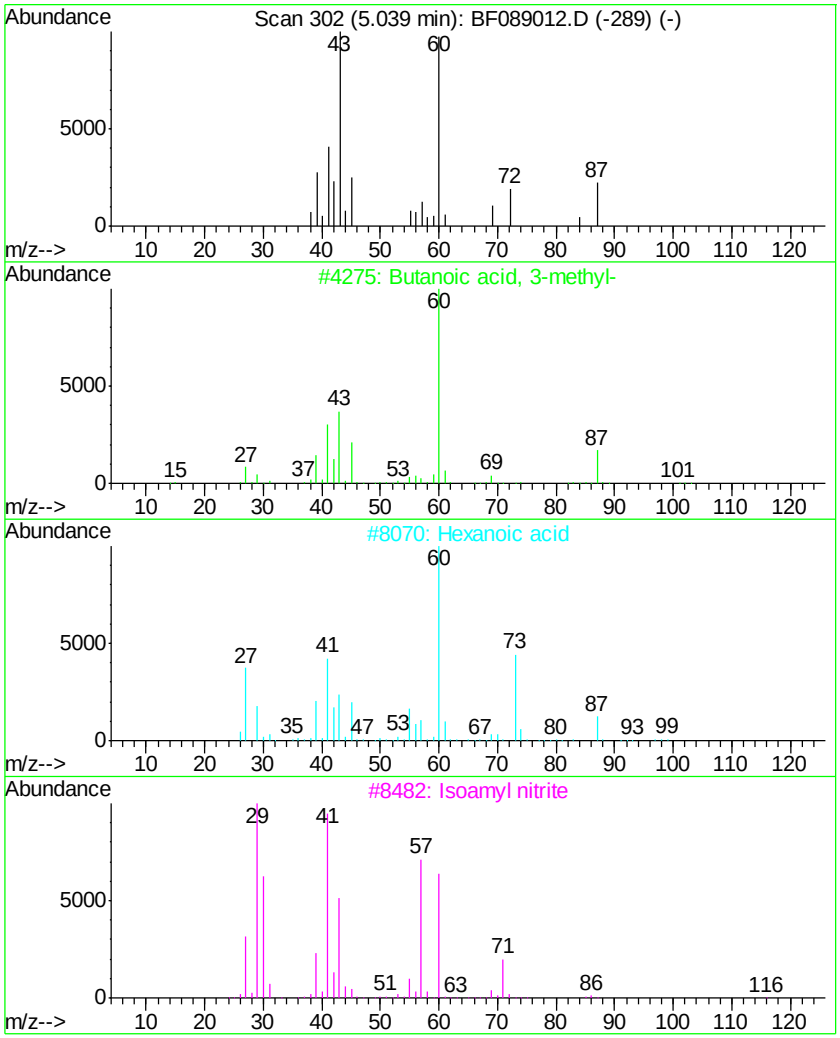
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

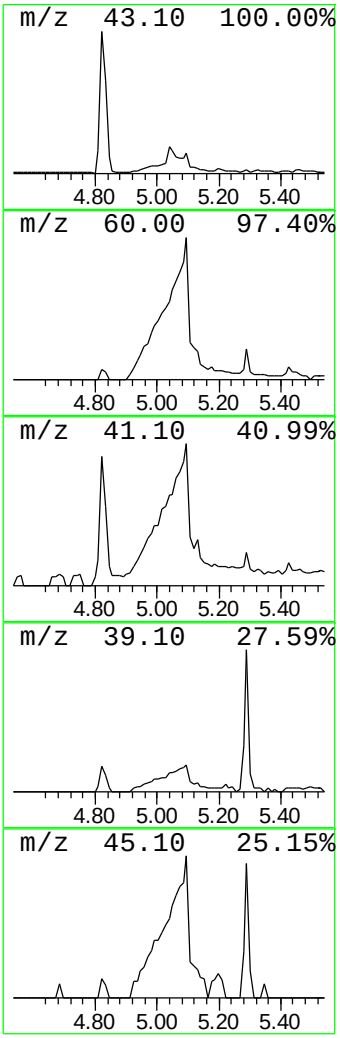
****

Peak Number 4 unknown5.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	9.99 ng	142111	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	45
2	Hexanoic acid	116	C6H12O2	000142-62-1	42
3	Isoamyl nitrite	117	C5H11NO2	000110-46-3	28
4	1-Pentanamine	87	C5H13N	000110-58-7	14
5	Formic acid hydrazide	60	CH4N2O	000624-84-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
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Sample : H3972-11
Misc :
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Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

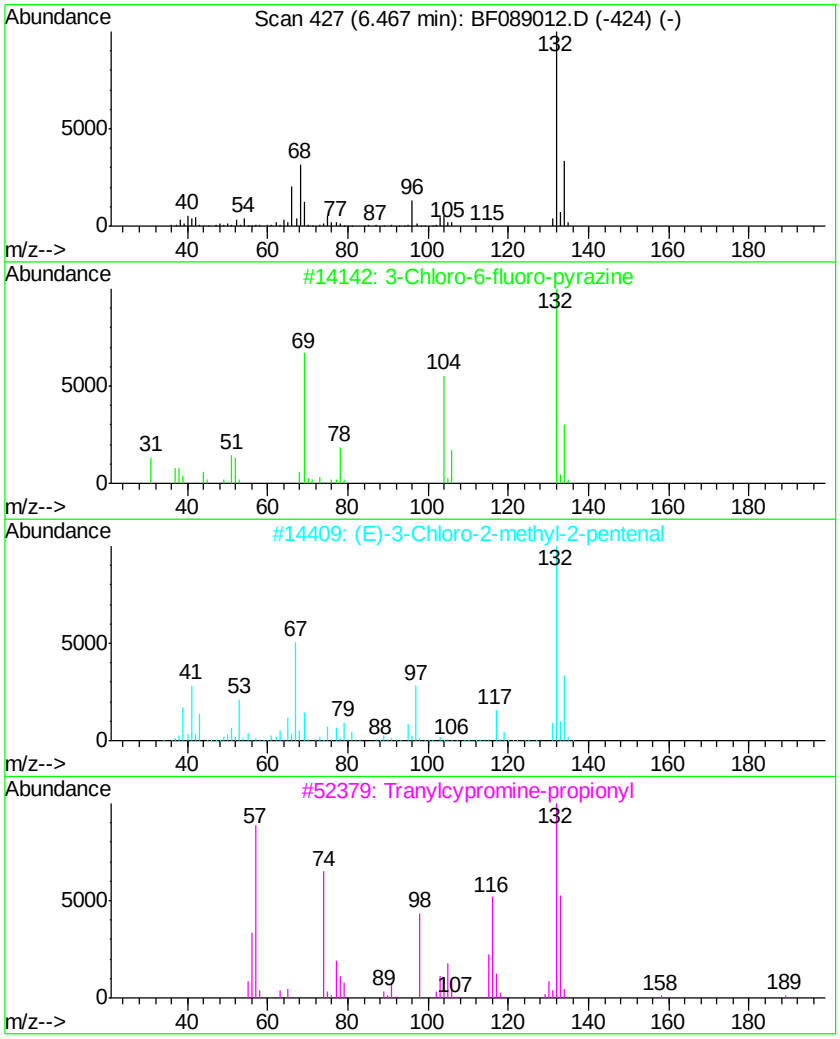
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

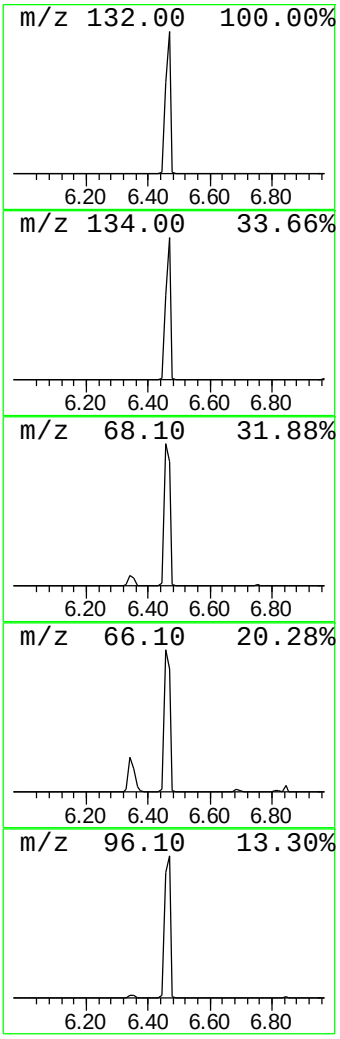
****

Peak Number 5 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	61.14 ng	869869	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

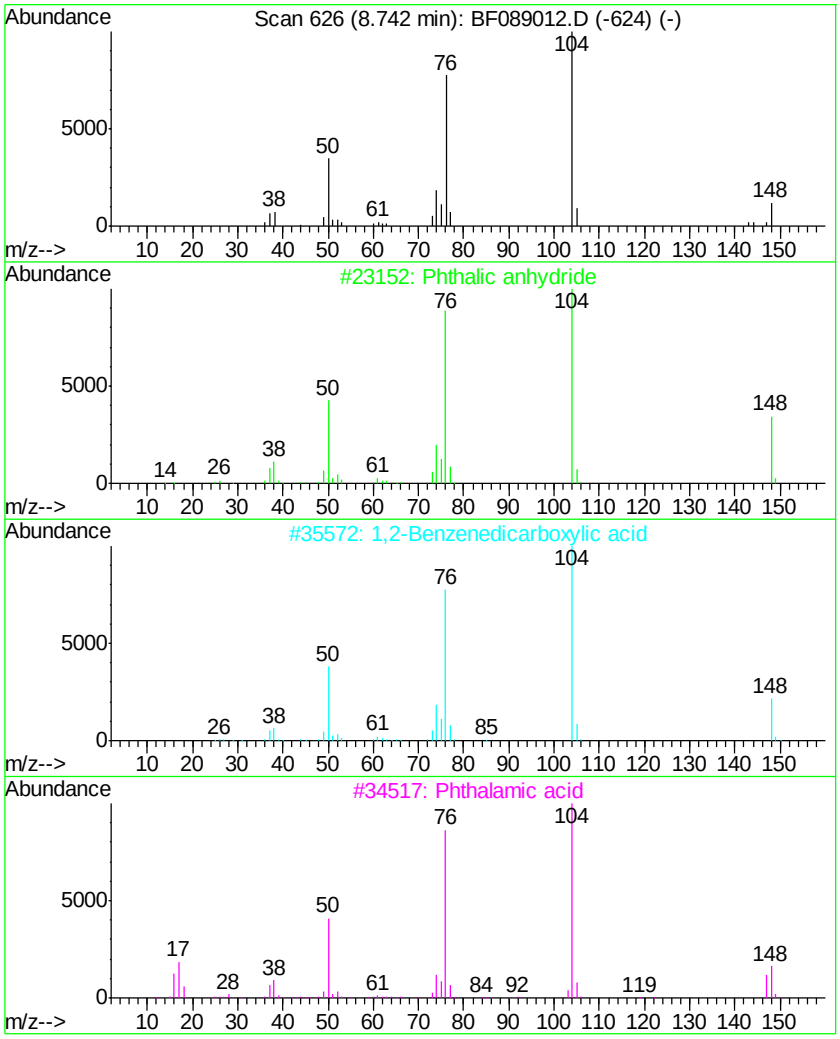
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

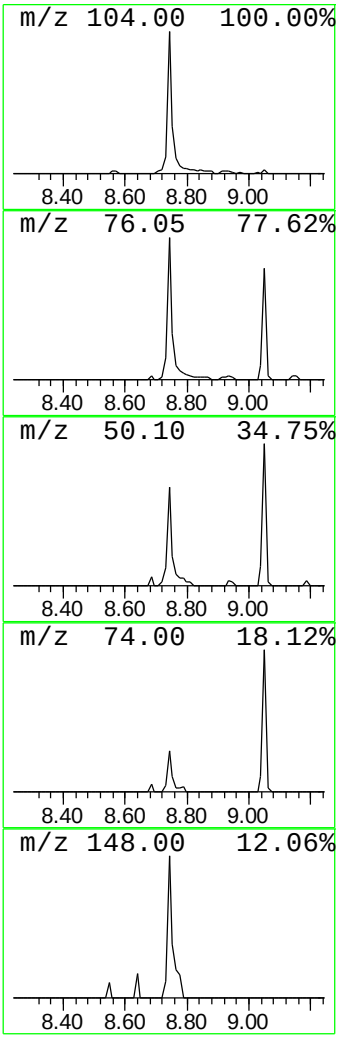
****

Peak Number 7 Phthalic anhydride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	4.19 ng	82596	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	94
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
3	Phthalamic acid	165	C8H7NO3	000088-97-1	83
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	80
5	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

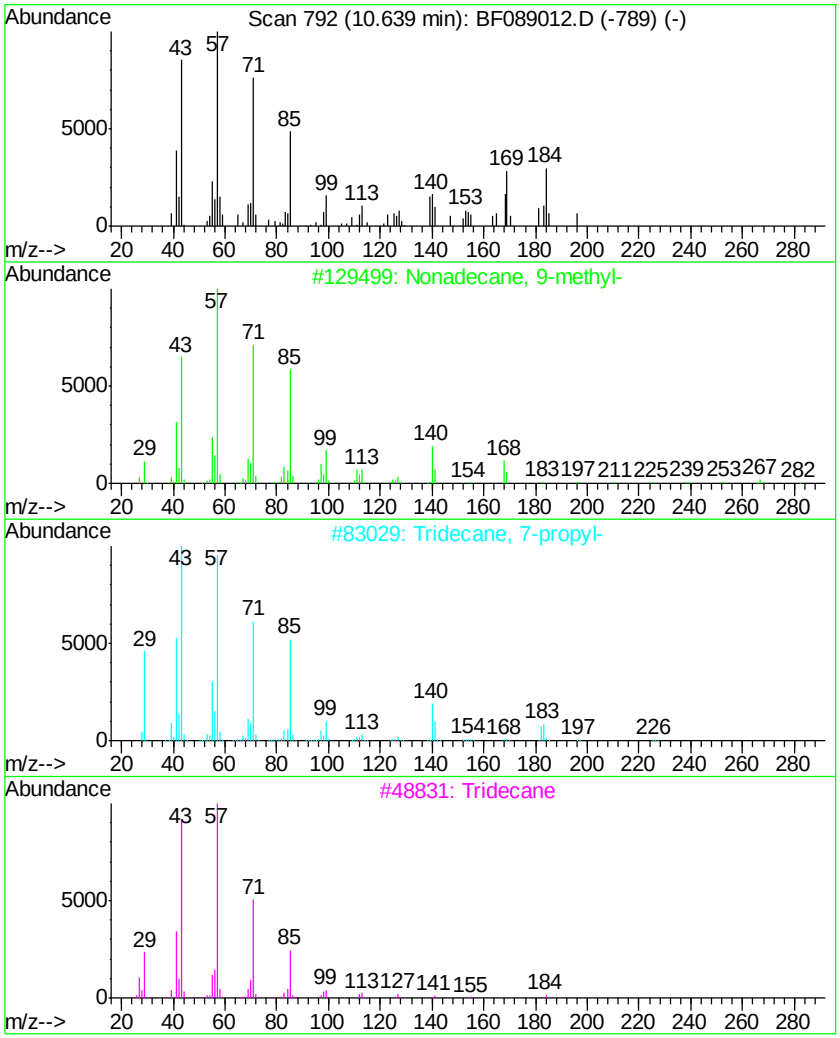
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

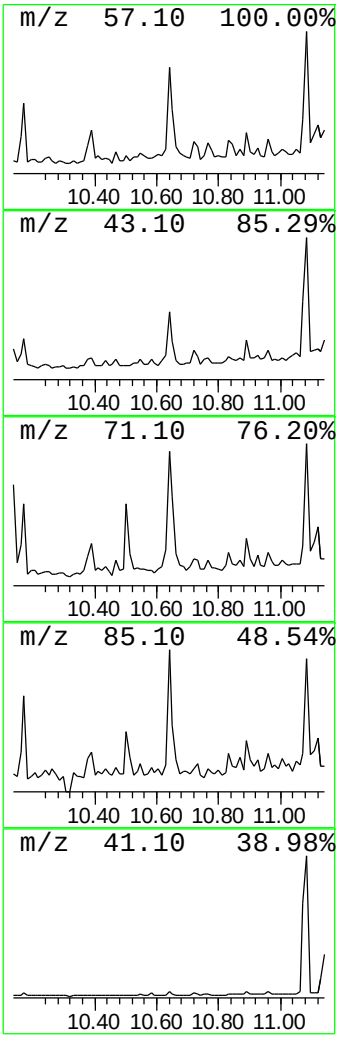
****

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	3.62 ng	64601	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	62
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Heneicosane	296	C21H44	000629-94-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

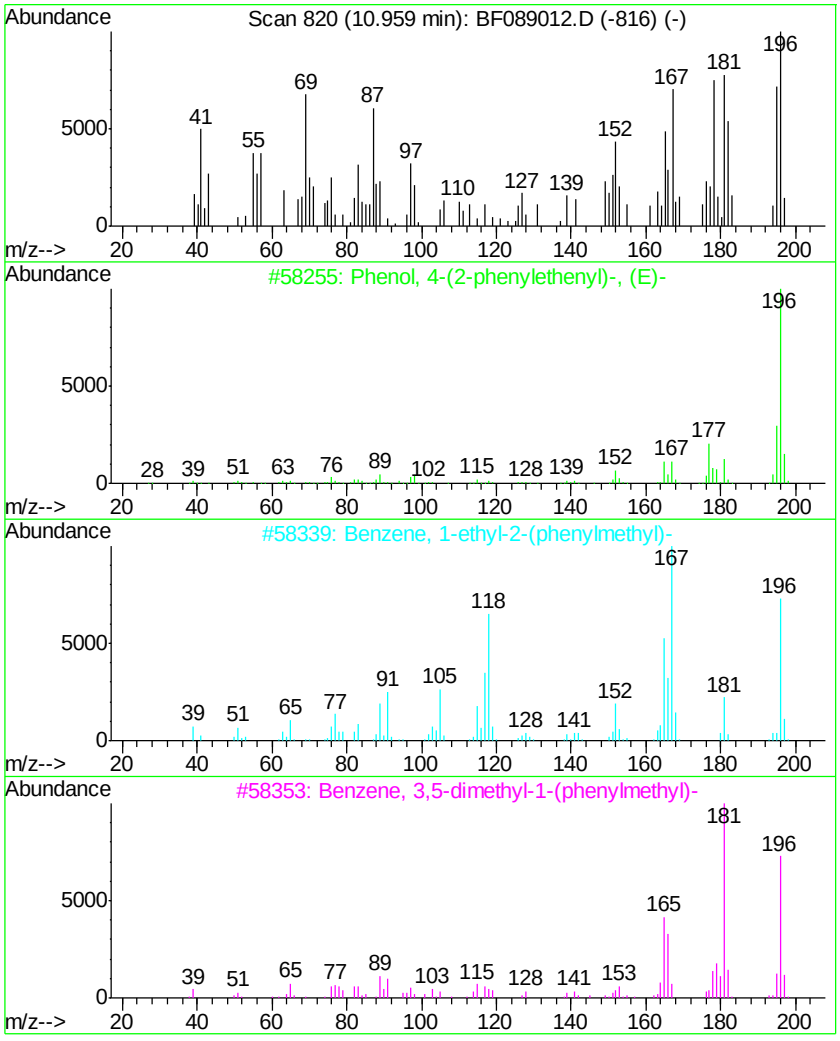
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

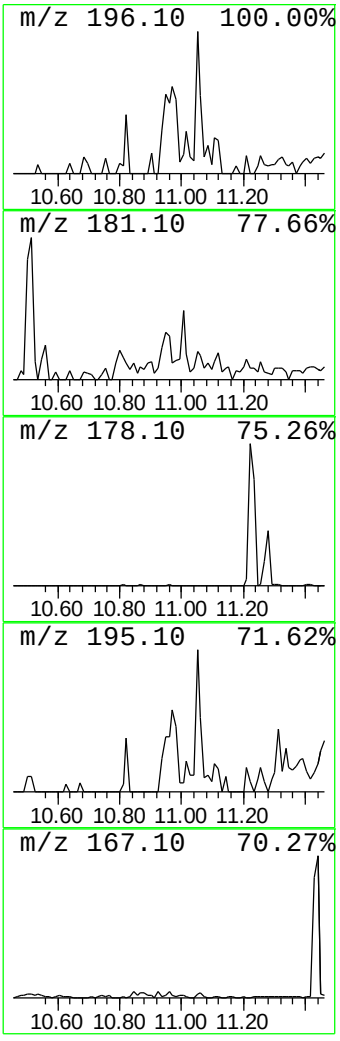
****

Peak Number 9 unknown10.96 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	5.47 ng	97783	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
2	Benzene, 1-ethyl-2-(phenylmethyl)-	196	C15H16	028122-25-0	42
3	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	41
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	38
5	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	38





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Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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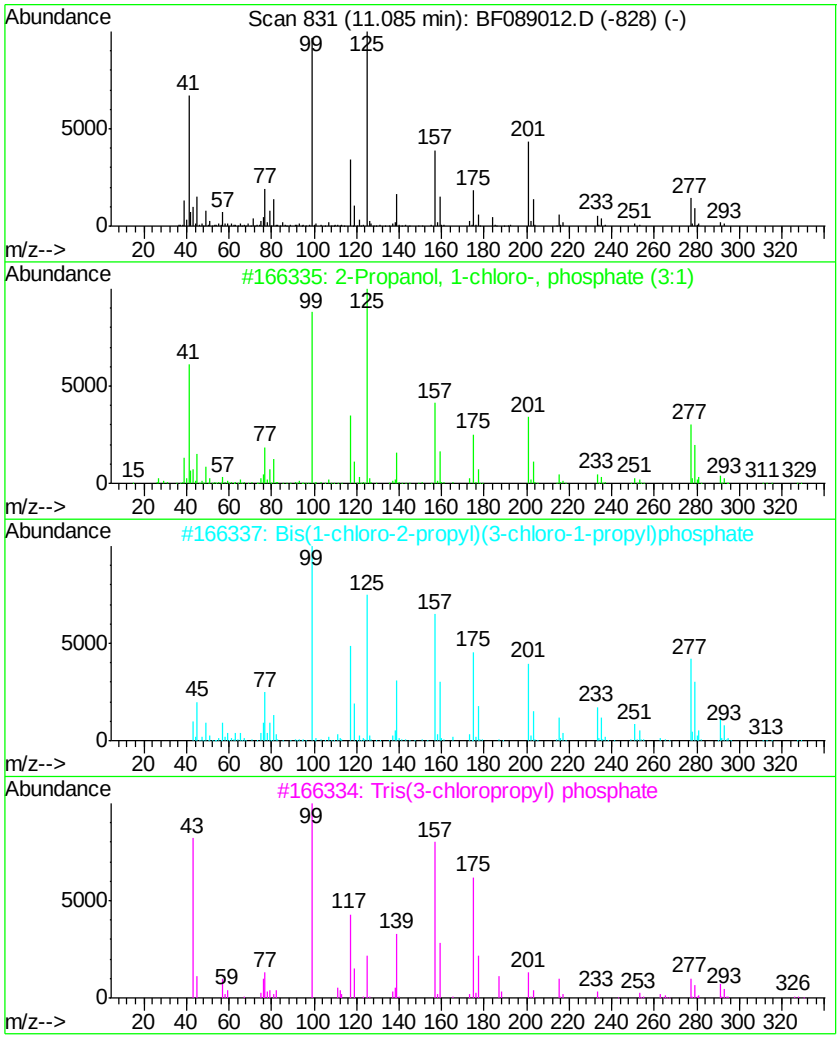
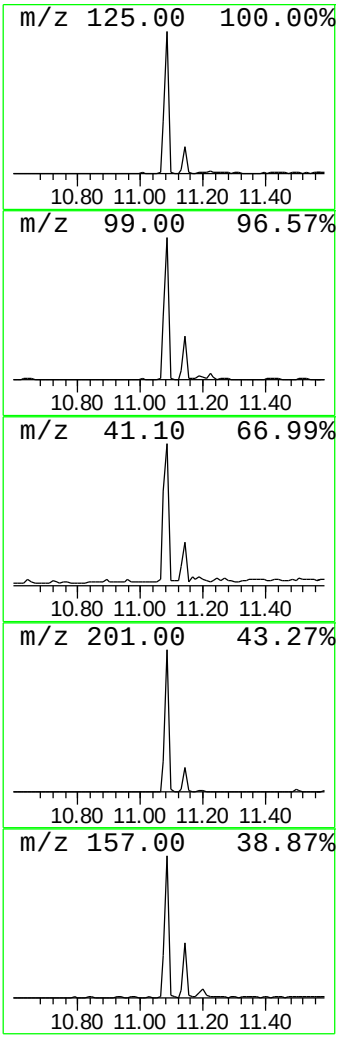
Peak Number 10 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	46.01 ng	821951	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	49
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	25
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	17
5	7-Methyl-6-thiabicyclo[3.2.1]octane	142	C8H14S	1000306-33-2	10





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Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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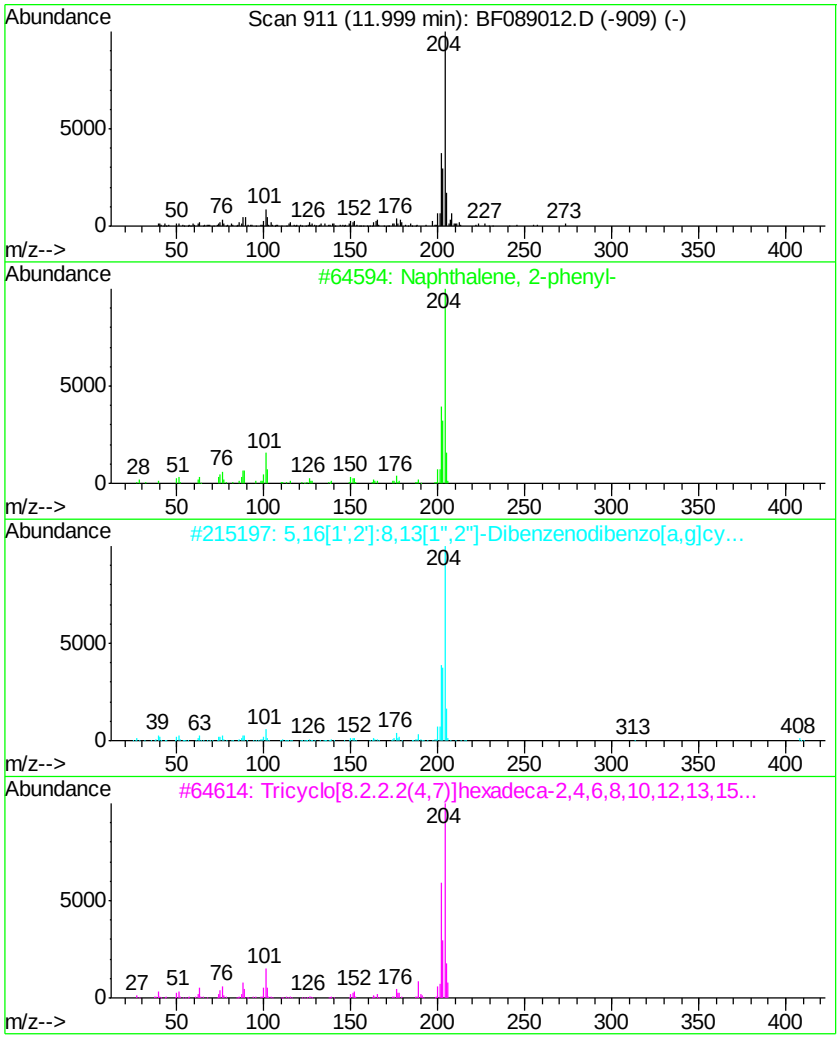
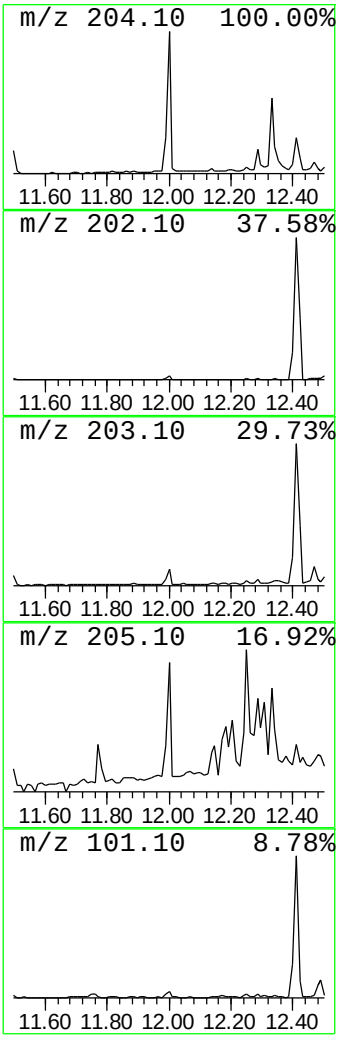
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	11.47 ng	204879	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	60





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Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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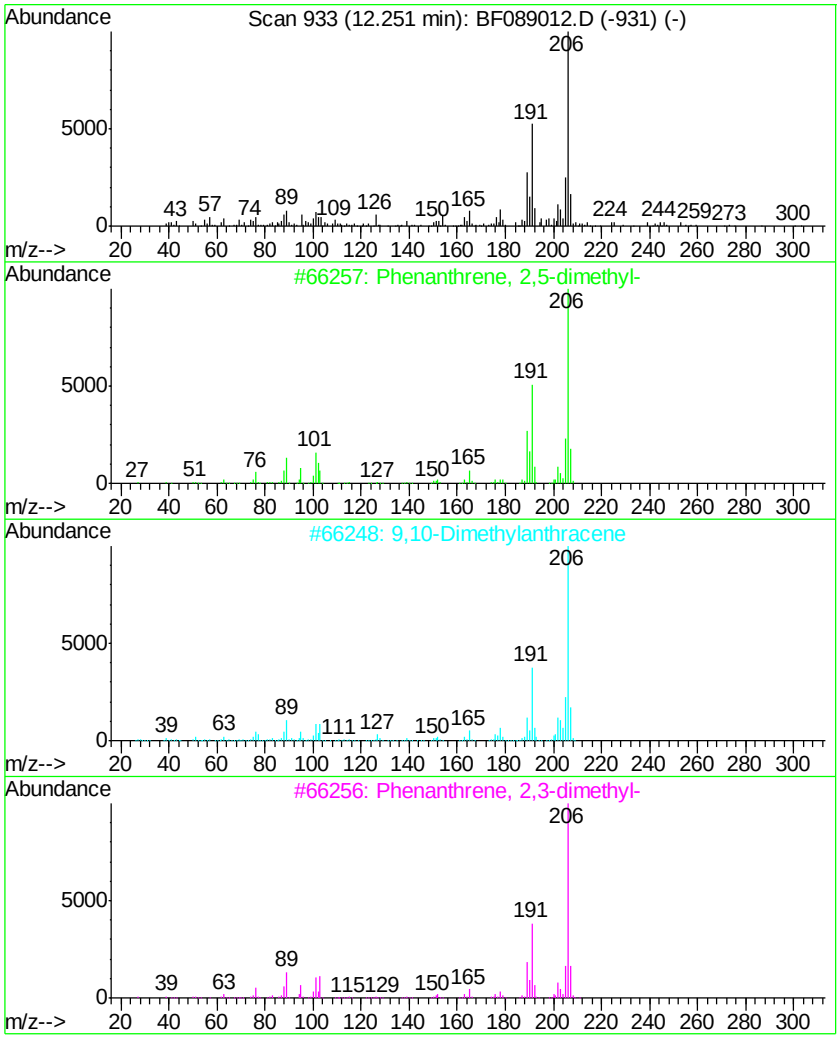
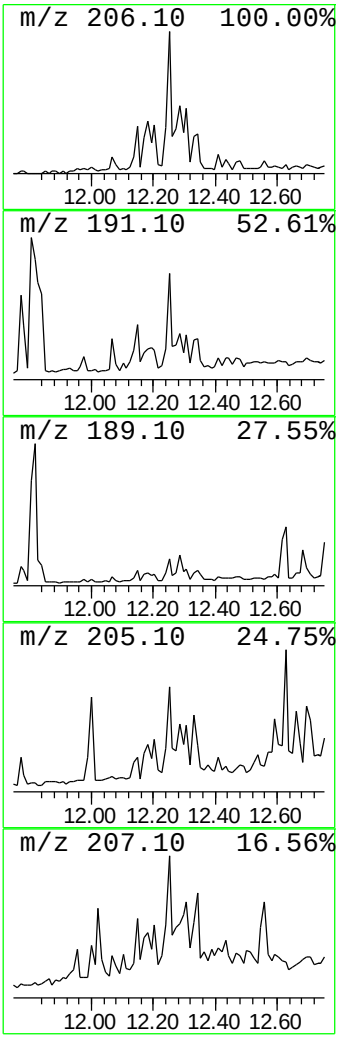
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	9.07 ng	162087	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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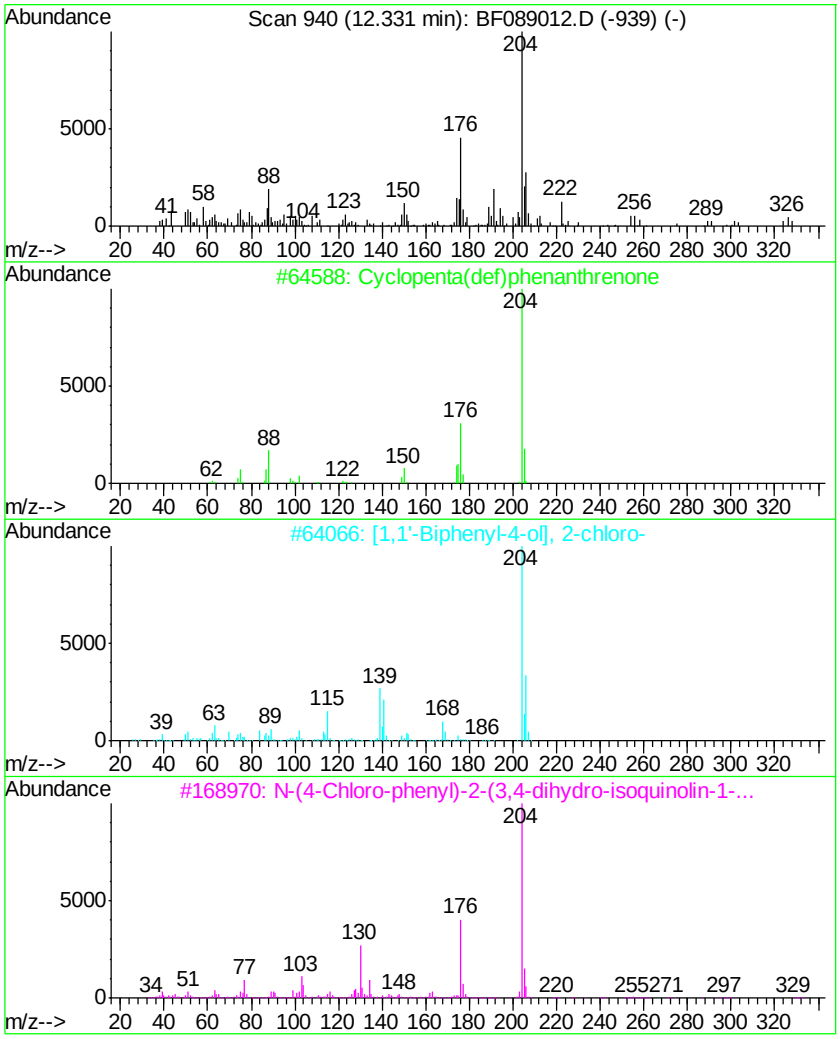
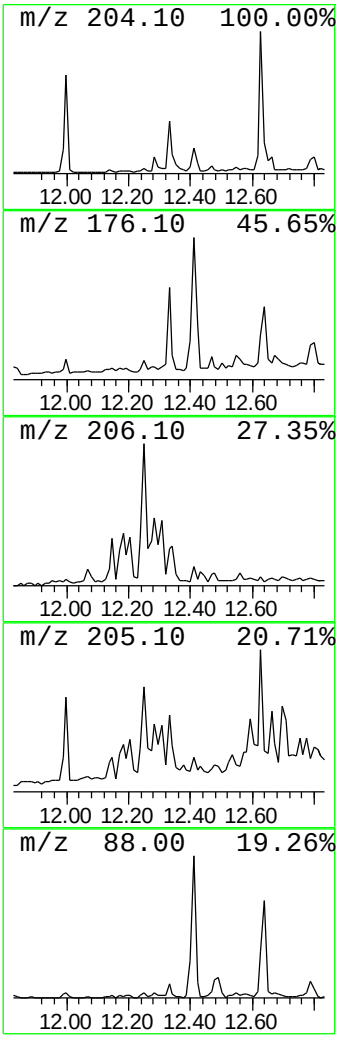
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	8.83 ng	157795	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





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Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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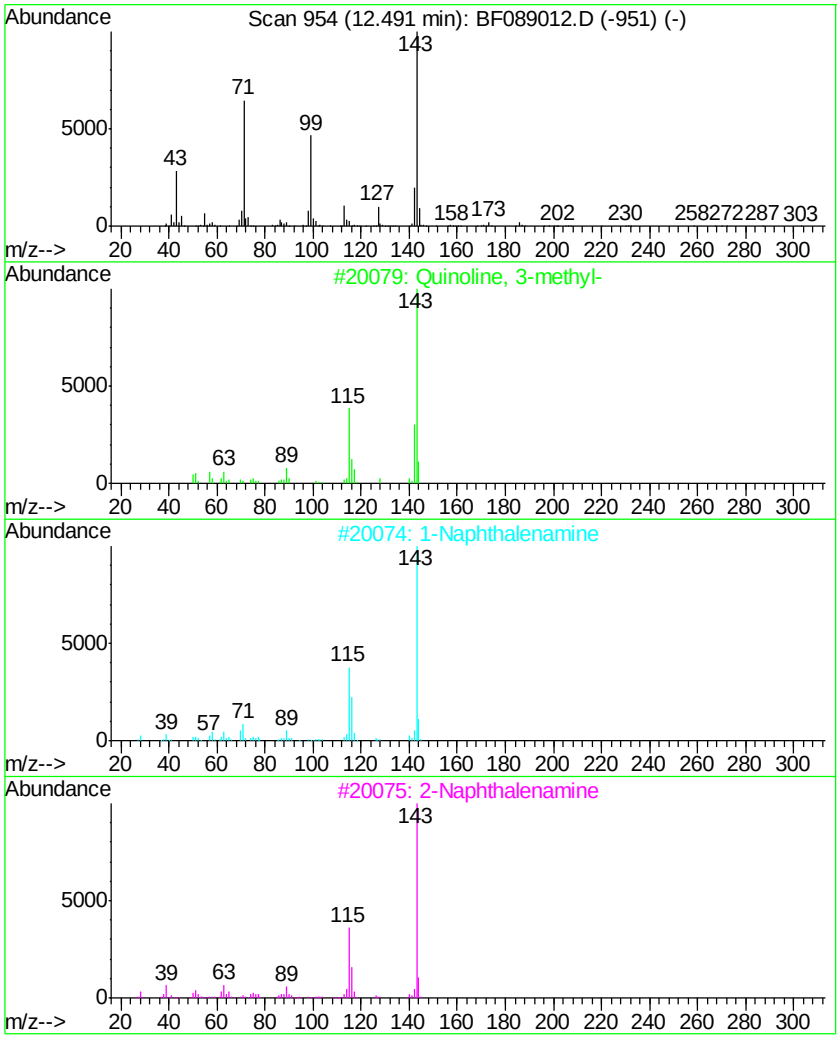
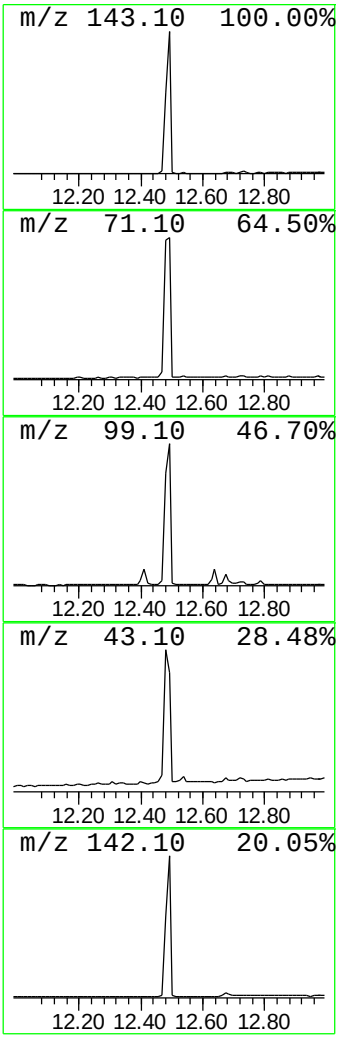
Peak Number 15 unknown12.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	86.92 ng	1552700	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	38
2	1-Naphthalenamine	143	C10H9N	000134-32-7	35
3	2-Naphthalenamine	143	C10H9N	000091-59-8	35
4	Ethyl 3-ethoxyacrylate	144	C7H12O3	001001-26-9	27
5	Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	25





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Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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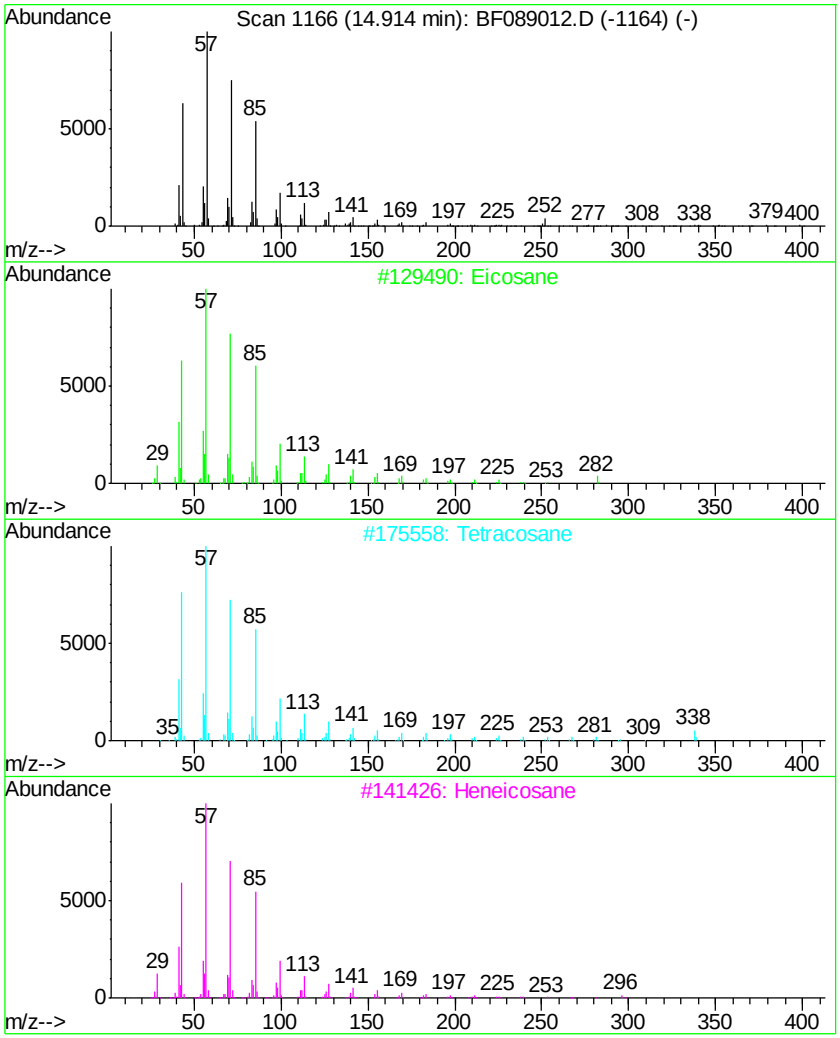
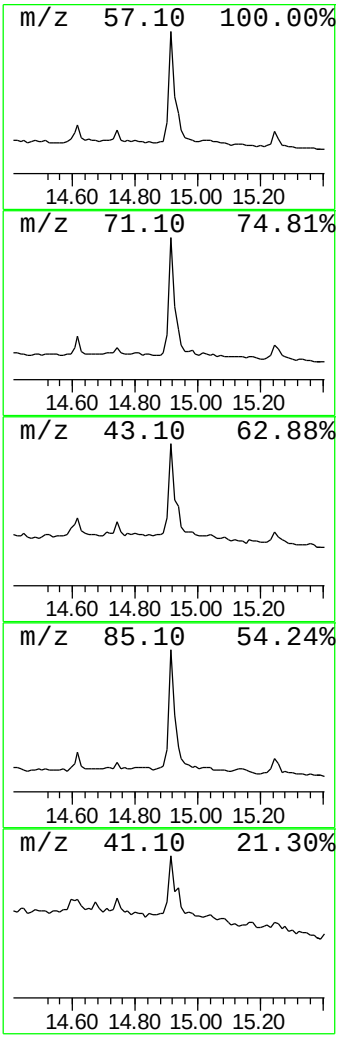
Peak Number 16 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	67.13 ng	607461	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	91





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Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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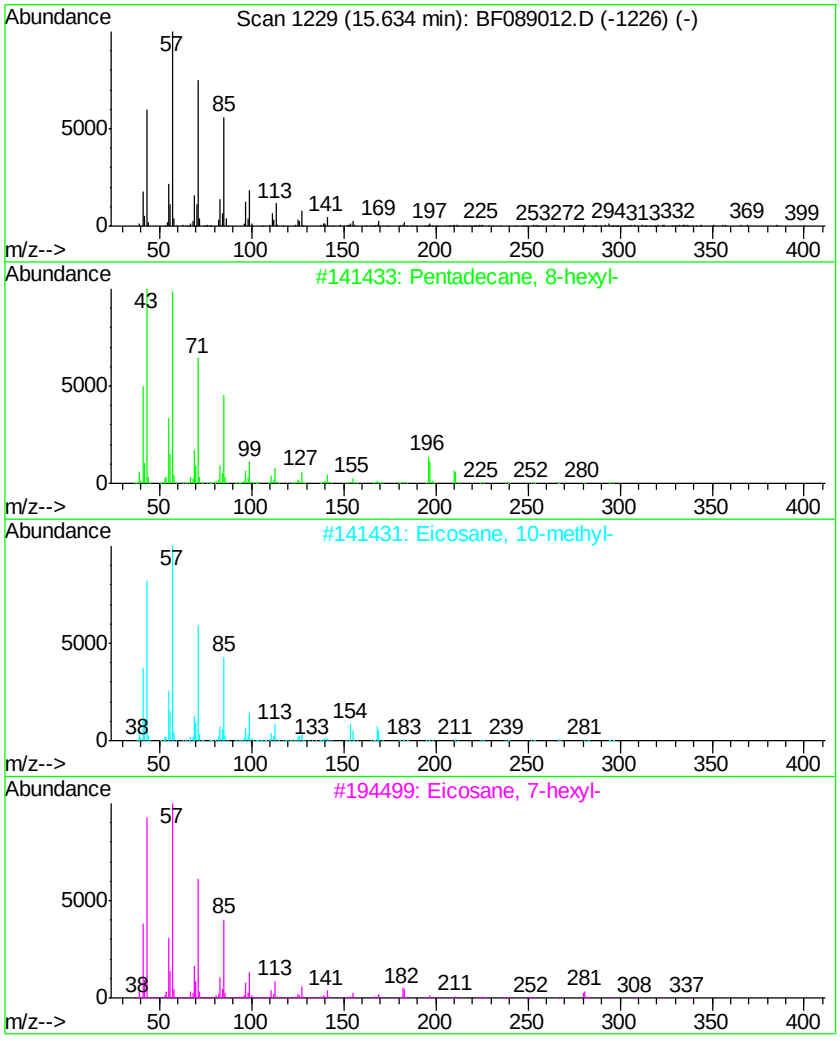
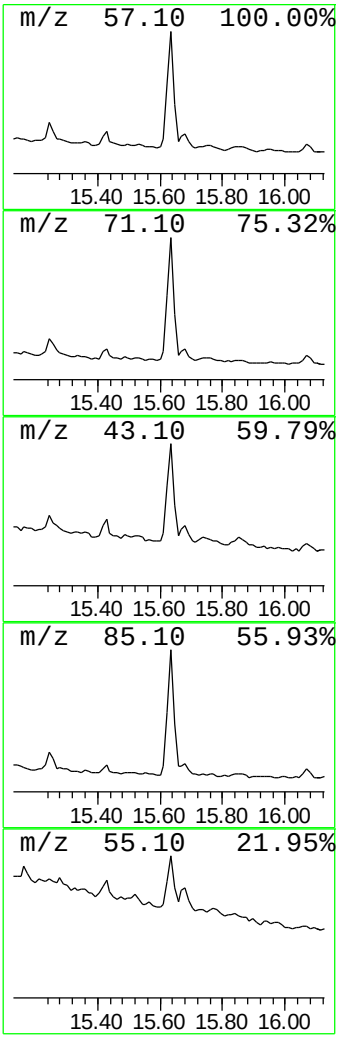
Peak Number 18 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	39.63 ng	358651	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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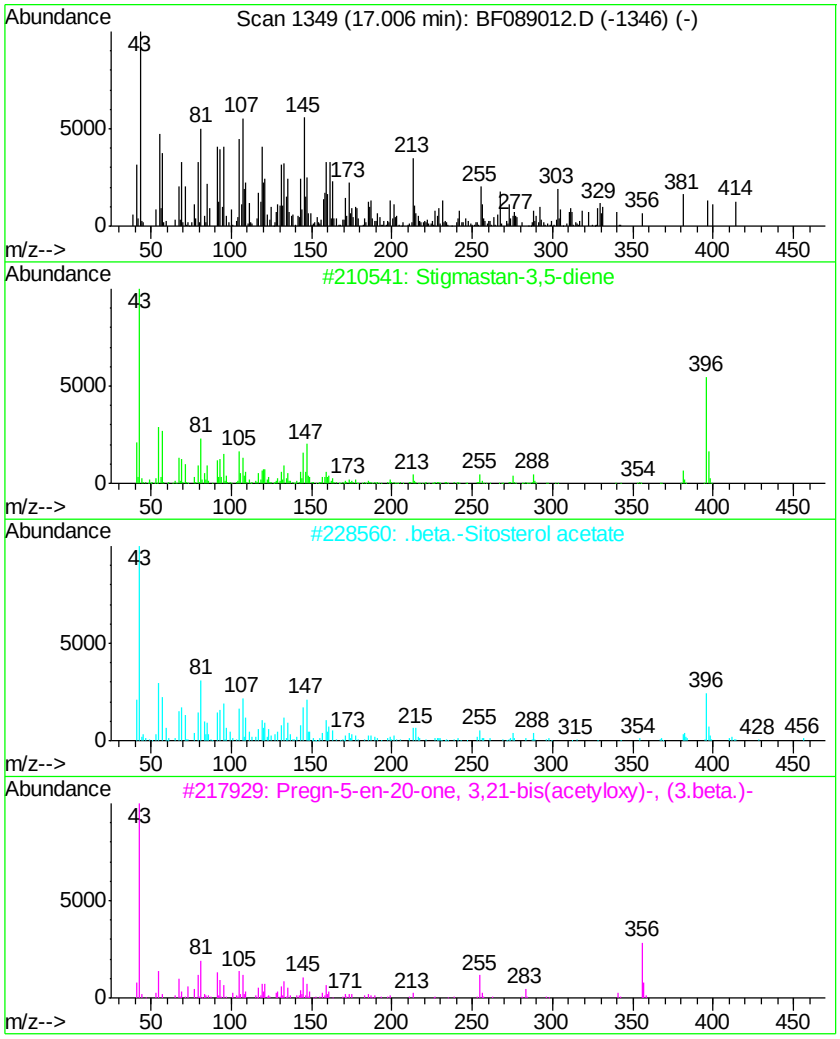
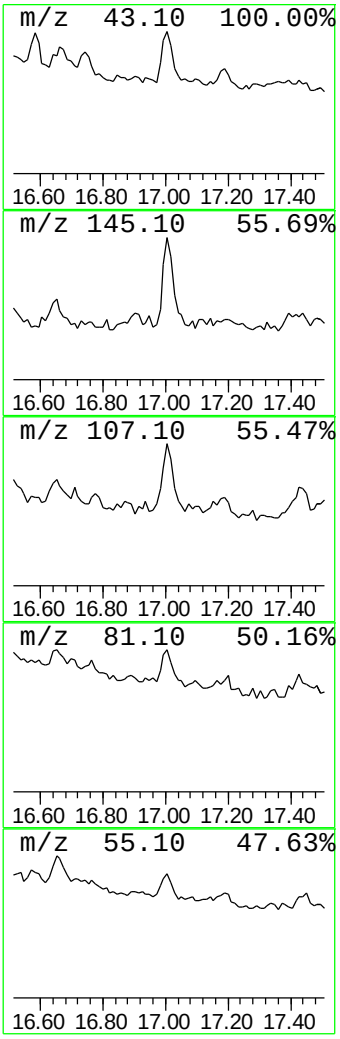
Peak Number 19 unknown17.01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	26.01 ng	235399	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	45
2	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	37
3	Pregn-5-en-20-one, 3,21-bis(acet...	416	C25H36O5	001693-63-6	27
4	Deoxycholic acid	392	C24H40O4	000083-44-3	27
5	Pregn-5-ene-3,12,14,17,20-pentol...	366	C21H34O5	028417-32-5	25





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Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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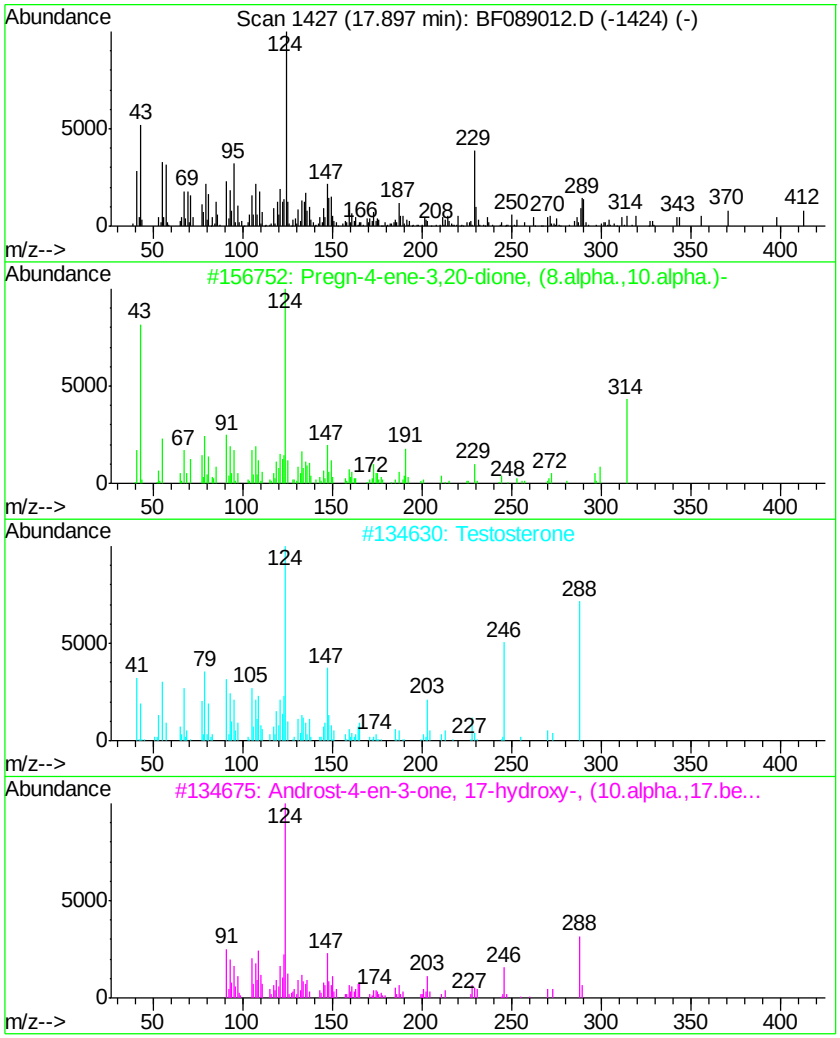
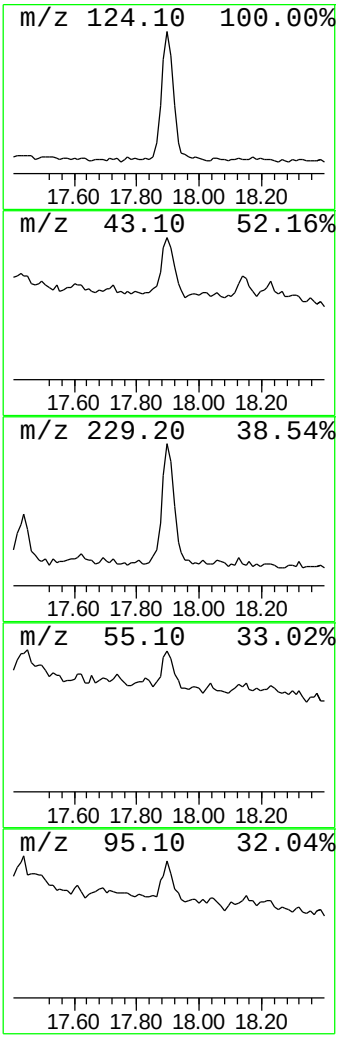
Peak Number 20 Pregn-4-ene-3,20-dione, (8.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	30.18 ng	273121	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-4-ene-3,20-dione, (8.alpha...	314	C21H30O2	003795-19-5	89
2	Testosterone	288	C19H28O2	000058-22-0	58
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	47
4	2-Amino-4-methyl-3-pyridinol	124	C6H8N2O	020348-18-9	35
5	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS01(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.82	9.9	ng	141583	1	6.68	284562	20.0
unknown5.04	5.04	10.0	ng	142111	1	6.68	284562	20.0
unknown6.47	6.47	61.1	ng	869869	1	6.68	284562	20.0
Phthalic anhydride	8.74	4.2	ng	82596	2	7.98	394409	20.0
Nonadecane, 9-met...	10.64	3.6	ng	64601	4	11.20	357262	20.0
unknown10.96	10.96	5.5	ng	97783	4	11.20	357262	20.0
2-Propanol, 1-chl...	11.09	46.0	ng	821951	4	11.20	357262	20.0
Naphthalene, 2-ph...	12.00	11.5	ng	204879	4	11.20	357262	20.0
Phenanthrene, 2,5...	12.25	9.1	ng	162087	4	11.20	357262	20.0
Cyclopenta(def)ph...	12.33	8.8	ng	157795	4	11.20	357262	20.0
unknown12.49	12.49	86.9	ng	1552700	4	11.20	357262	20.0
Eicosane	14.91	67.1	ng	607461	6	15.21	180987	20.0
Pentadecane, 8-he...	15.63	39.6	ng	358651	6	15.21	180987	20.0
unknown17.01	17.01	26.0	ng	235399	6	15.21	180987	20.0
Pregn-4-ene-3,20-...	17.90	30.2	ng	273121	6	15.21	180987	20.0