LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

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-BF081916.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	1.758	13	15	63	rVB	5963513	18601777	67.39%	4.326%
2	4.124	218	222	227	rVB	674854	996762	3.61%	0.232%
3	5.062	302	304	306	rVB	998920	955637	3.46%	0.222%
4	5.176	312	314	315	rBV	2248395	2575492	9.33%	0.599%
5	5.210	315	317	319	rVB2	1994952	3416204	12.38%	0.794%
6	5.450	337	338	344	rVB2	839026	1447836	5.25%	0.337%
7	5.542	344	346	348	rBV	2889151	2674819	9.69%	0.622%
8	5.644	351	355	357	rVB2	893025	1161591	4.21%	0.270%
9	5.713	357	361	365	rBV4	394064	1121799	4.06%	0.261%
10	5.793	365	368	370	rVB2	1233853	1953350	7.08%	0.454%
11	5.850	370	373	375	rBV2	585092	932759	3.38%	0.217%
12	5.896	375	377	380	rVB3	2931053	4187026	15.17%	0.974%
13	5.953	380	382	383	rBV	1442610	1518948	5.50%	0.353%
14	6.102	391	395	397	rBV3	1344694	2519038	9.13%	0.586%
15	6.170	397	401	402	rBV3	3764139	6003642	21.75%	1.396%
16	6.193	402	403	406	rVB2	2675342	3394663	12.30%	0.789%
17	6.250	406	408	410	rBV2	3417828	3786383	13.72%	0.880%
18	6.330	413	415	419	rVB3	1526655	2969606	10.76%	0.691%
19	6.410	419	422	425	rBV2	3748653	6679521	24.20%	1.553%
20	6.479	425	428	429	rBV	4886096	4445760	16.11%	1.034%
21	6.513	429	431	433	rVB	5685445	6635519	24.04%	1.543%
22	6.616	437	440	441	rBV2	1334835	2276643	8.25%	0.529%
23	6.650	441	443	445	rVB2	2017605	2239068	8.11%	0.521%
24	6.685	445	446	448	rBV2	3054584	4275086	15.49%	0.994%
25	6.810	454	457	462	rVB4	5291433	11079089	40.14%	2.576%
26	6.947	462	469	471	rBV4	3153628	10143311	36.75%	2.359%
27	6.982	471	472	474	rVV	3967951	4898622	17.75%	1.139%
28	7.016	474	475	477	rVV	2829905	2970255	10.76%	0.691%
29	7.062	477	479	483	rVB2	3862258	6269519	22.71%	1.458%
30	7.153	483	487	489	rBV3	1373773	3591474	13.01%	0.835%
31	7.210	489	492	496	rVV4	3456922	9228316	33.43%	2.146%
32	7.290	496	499	500	rVV	4429256	7484631	27.11%	1.740%
33	7.325	500	502	503	rVB	2865647	3294464	11.93%	0.766%
34	7.393	503	508	509	rBV3	2744496	4247638	15.39%	0.988%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

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-BF081916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.439	509	512	513	rBV3	2364664	2689596	9.74%	0.625%
36	7.473	513	515	517	rVB	4583978	5957504	21.58%	1.385%
37	7.519	517	519	521	rBV2	890479	1451703	5.26%	0.338%
38	7.588	521	525	526	rBV2	4188255	7593082	27.51%	1.766%
39	7.610	526	527	529	rVB2	1795732	2256972	8.18%	0.525%
40	7.656	529	531	532	rBV	2144720	2828335	10.25%	0.658%
41	7.690	532	534	535	rVB	4756437	5698855	20.65%	1.325%
42	7.725	535	537	539	rVB2	4640346	5403669	19.58%	1.257%
43	7.770	539	541	544	rVB3	4082907	8685293	31.46%	2.020%
44	7.828	544	546	547	rBV	1862550	2270403	8.23%	0.528%
45	7.850	547	548	550	rVB2	918298	1109527	4.02%	0.258%
46	7.953	550	557	563	rBV6	5898001	27603512	100.00%	6.419%
47	8.033	563	564	567	rVB2	3696803	4841631	17.54%	1.126%
48	8.148	570	574	577	rBV5	3301638	8344825	30.23%	1.940%
49	8.250	579	583	585	rBV5	2451602	5951323	21.56%	1.384%
50	8.319	587	589	590	rBV	2515803	2423392	8.78%	0.564%
51	8.342	590	591	594	rVB3	2538071	3023173	10.95%	0.703%
52	8.399	594	596	599	rBV3	3741360	7046046	25.53%	1.638%
53	8.456	599	601	603	rVB	2680081	3488506	12.64%	0.811%
54	8.502	603	605	607	rBV2	1285598	2060887	7.47%	0.479%
55	8.570	608	611	613	rBV4	2843102	4474428	16.21%	1.040%
56	8.616	613	615	617	rVB3	2136058	2955803	10.71%	0.687%
57	8.673	617	620	622	rVB	4571578	8143175	29.50%	1.894%
58	8.776	625	629	633	rBV2	4245283	10351753	37.50%	2.407%
59	8.868	633	637	639	rBV5	2191833	5200091	18.84%	1.209%
60	9.005	645	649	652	rBV4	3642060	10308137	37.34%	2.397%
61	9.131	656	660	663	rBV4	3139965	9008028	32.63%	2.095%
62	9.188	663	665	666	rBV2	1453869	1615638	5.85%	0.376%
63	9.233	667	669	672	rVB	2566626	4128907	14.96%	0.960%
64	9.313	672	676	678	rVB2	3693164	7774804	28.17%	1.808%
65	9.382	678	682	683	rBV2	4049835	9026223	32.70%	2.099%
66	9.668	705	707	708	rBV	2479492	2807670	10.17%	0.653%
67	9.702	708	710	712	rBV2	2525829	4399328	15.94%	1.023%
68	9.828	718	721	723	rVB2	2298220	4110084	14.89%	0.956%
69	9.919	726	729	731	rVV3	2664897	4288383	15.54%	0.997%
70	9.965	731	733	734	rVV	1916476	2351939	8.52%	0.547%
71	10.033	737	739	740	rBV	2549599	3582171	12.98%	0.833%

LSC Area Percent Report

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Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

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-BF081916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.251	756	758	759	rBV2	2106570	1729805	6.27%	0.402%
73	10.285	759	761	762	rBV2	1613818	2239329	8.11%	0.521%
74	10.319	762	764	765	rVB	2074429	2180083	7.90%	0.507%
75	10.376	767	769	771	rBV2	1947479	3545582	12.84%	0.824%
76	10.536	781	783	786	rBV4	1579040	2430352	8.80%	0.565%
77	10.651	789	793	795	rVV2	2524955	6773190	24.54%	1.575%
78	10.696	795	797	798	rVB	1338546	1183954	4.29%	0.275%
79	10.834	807	809	810	rBV2	1991413	2436414	8.83%	0.567%
80	10.948	817	819	822	rVB4	1600021	2459335	8.91%	0.572%
81	11.074	828	830	831	rBV2	1216857	1109649	4.02%	0.258%
82	11.108	831	833	836	rVB2	3149054	4646892	16.83%	1.081%
83	11.211	840	842	843	rBV	2149948	2143375	7.76%	0.498%
84	11.496	865	867	869	rBV2	1868503	2532846	9.18%	0.589%
85	11.679	881	883	884	rBV	1541697	1791741	6.49%	0.417%
86	11.714	884	886	888	rVB	2887463	3392059	12.29%	0.789%
87	11.794	891	893	899	rVB4	2364015	6070821	21.99%	1.412%
88	11.897	901	902	906	rVB4	1320674	2116390	7.67%	0.492%
89	12.045	914	915	918	rVV3	959227	1443195	5.23%	0.336%
90	12.125	919	922	923	rVV2	1494037	2665749	9.66%	0.620%
91	12.148	923	924	925	rVV	1670056	2158997	7.82%	0.502%
92	12.228	928	931	933	rVV2	2734486	4783631	17.33%	1.112%
93	12.308	937	938	940	rVV	1355538	1546766	5.60%	0.360%
94	12.354	940	942	943	rVB2	847550	1132712	4.10%	0.263%
95	12.388	943	945	947	rBV3	844015	1252565	4.54%	0.291%
96	12.628	965	966	967	rBV	1038697	910999	3.30%	0.212%
97	12.754	975	977	981	rVB2	2950616	4273677	15.48%	0.994%
98	13.188	1014	1015	1022	rVB3	796550	1536720	5.57%	0.357%
99	13.782	1064	1067	1069	rBV	2267279	2379871	8.62%	0.553%
100	15.131	1182	1185	1188	rBV	1749698	1941313	7.03%	0.451%

Sum of corrected areas: 430039056

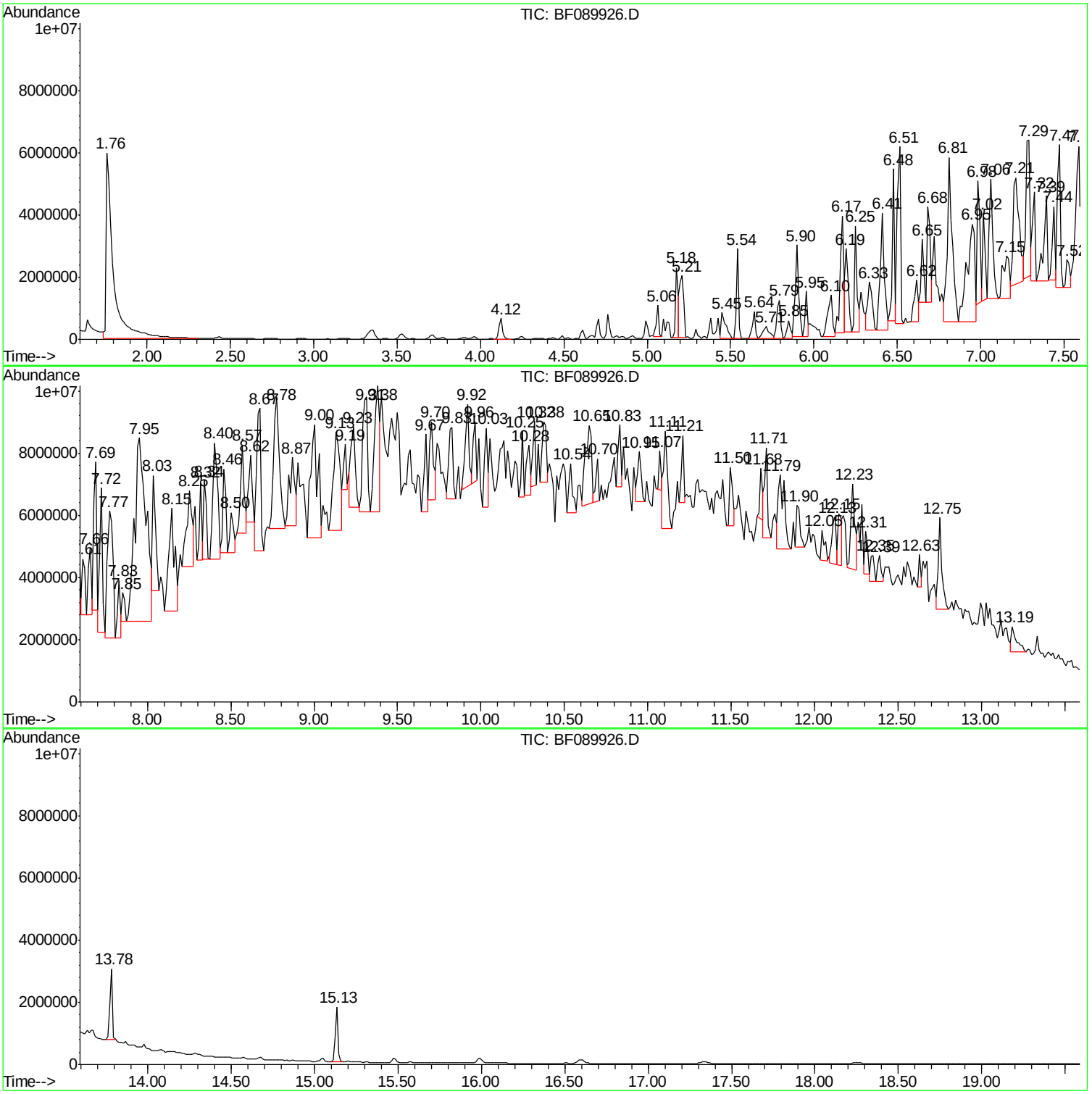
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

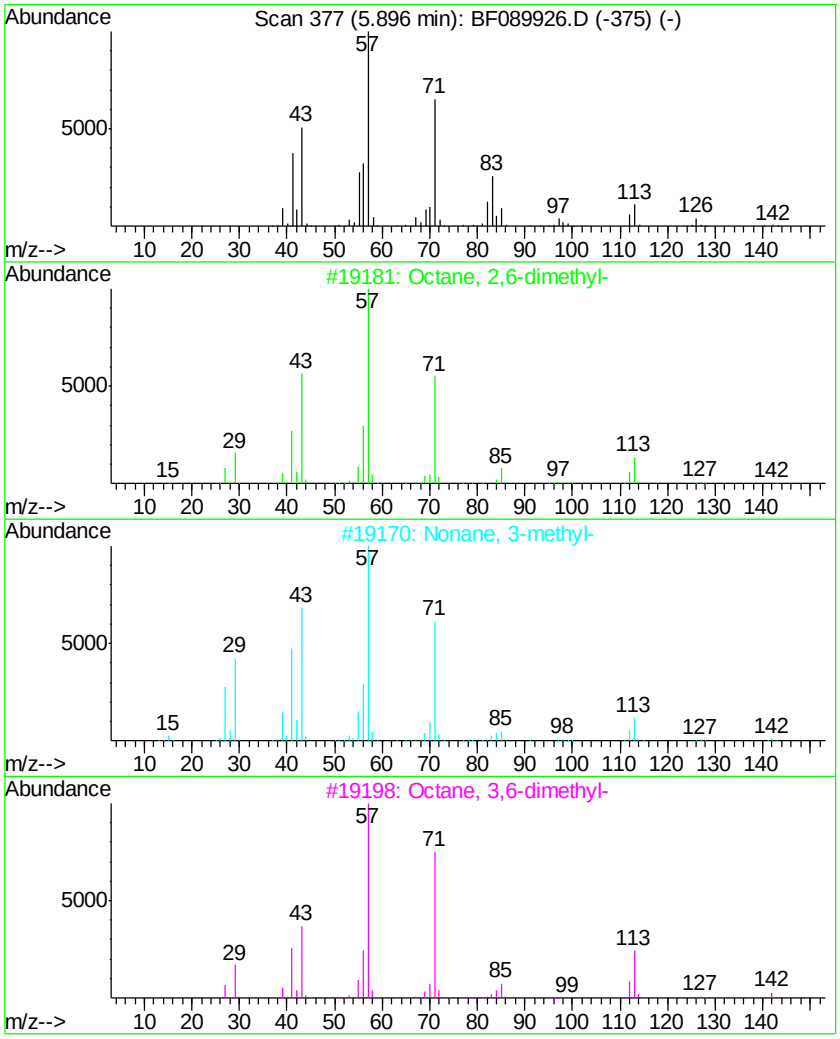
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

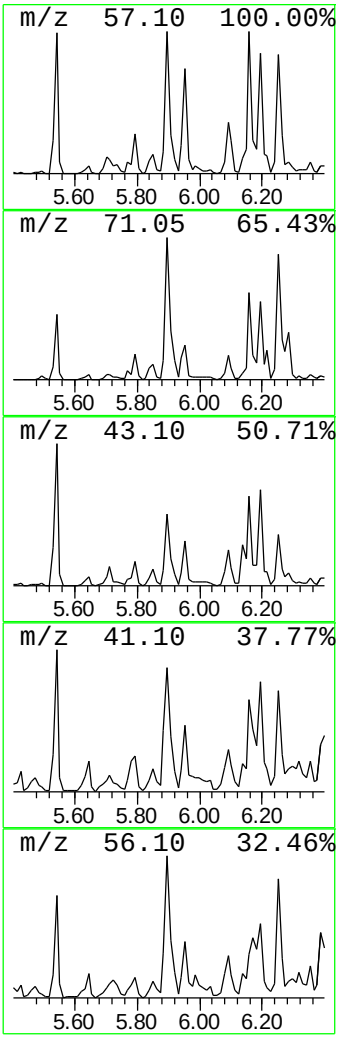
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	37.40 ng	4187030	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

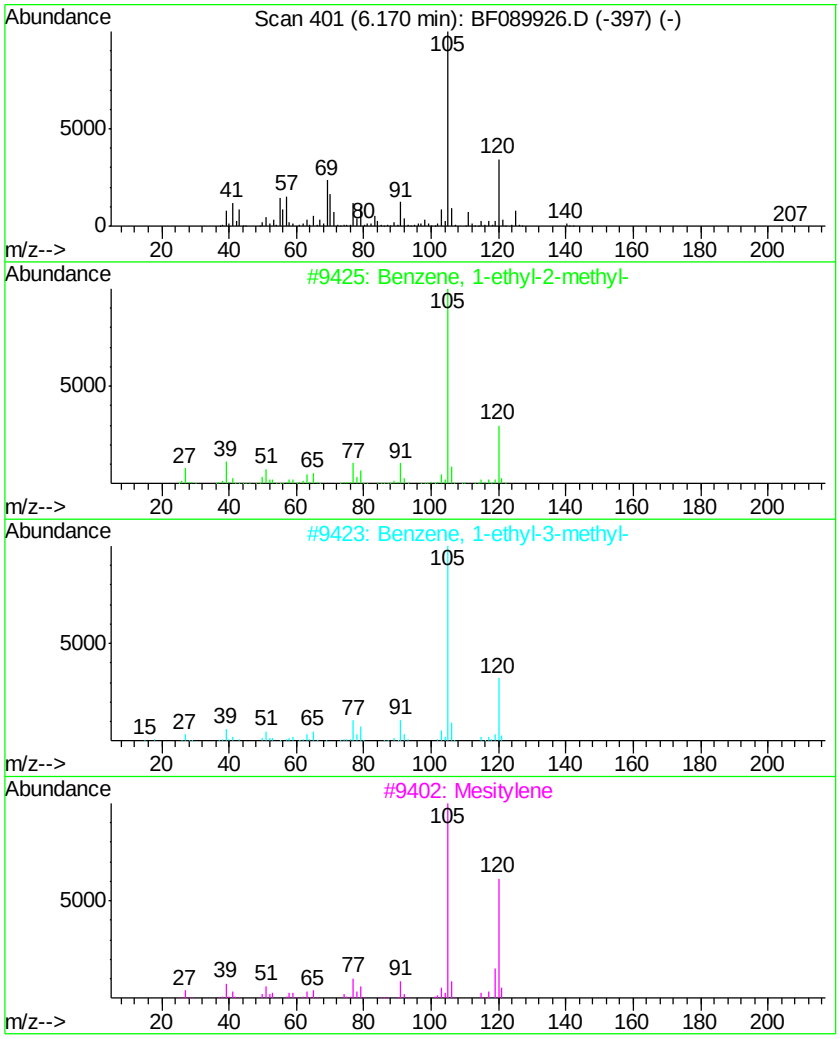
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

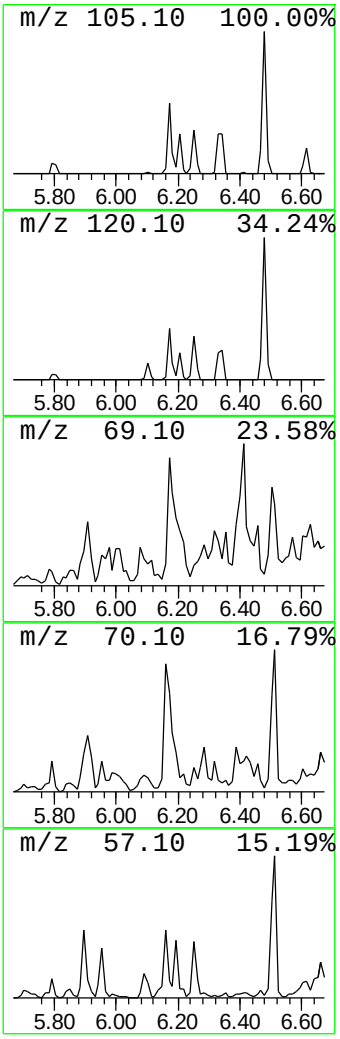
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	53.63 ng	6003640	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

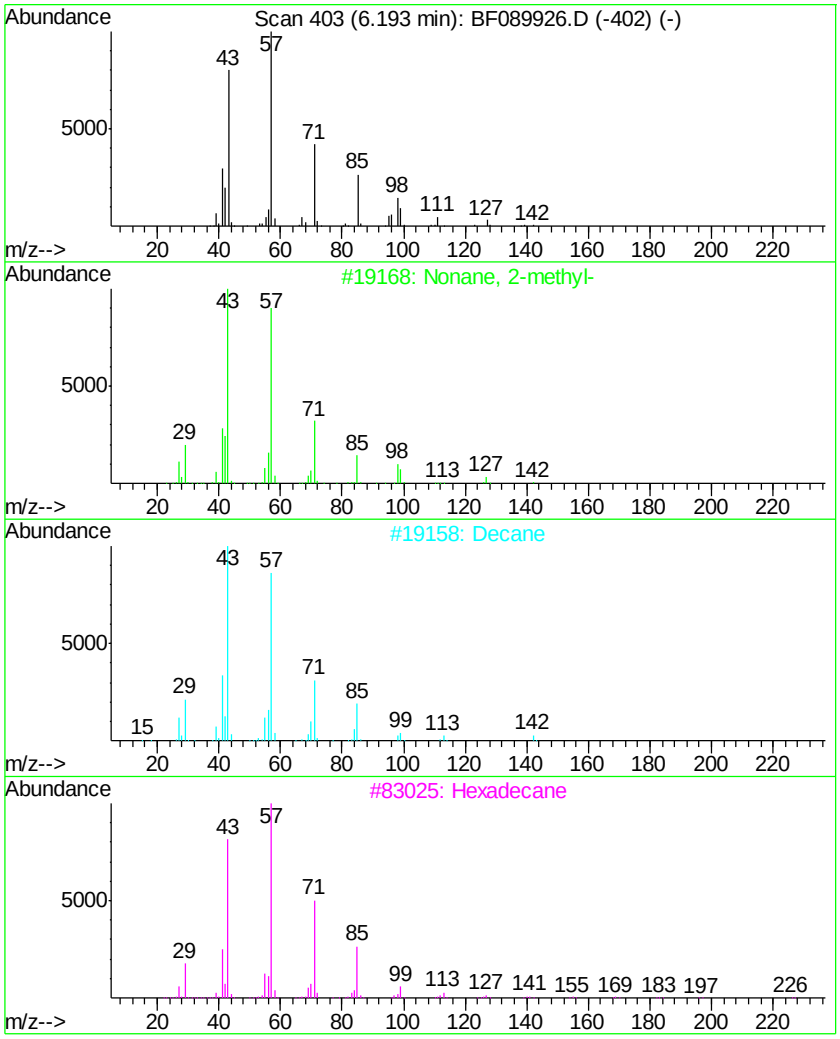
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

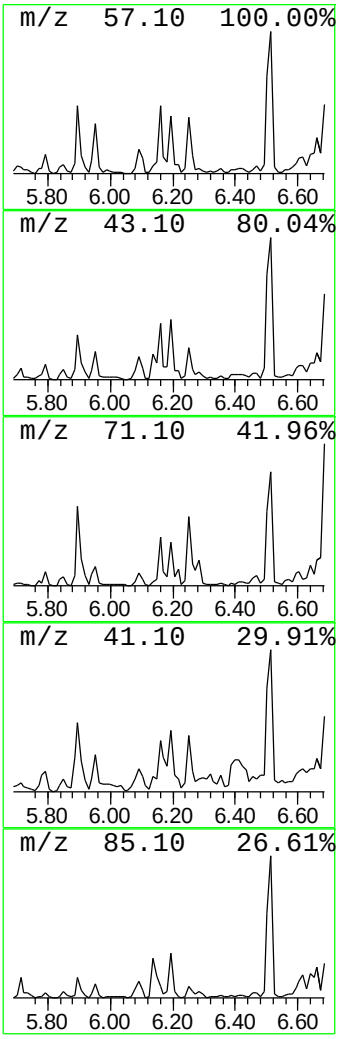
****

Peak Number 4 Nonane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	30.32 ng	3394660	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	90
2	Decane	142	C10H22	000124-18-5	64
3	Hexadecane	226	C16H34	000544-76-3	59
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

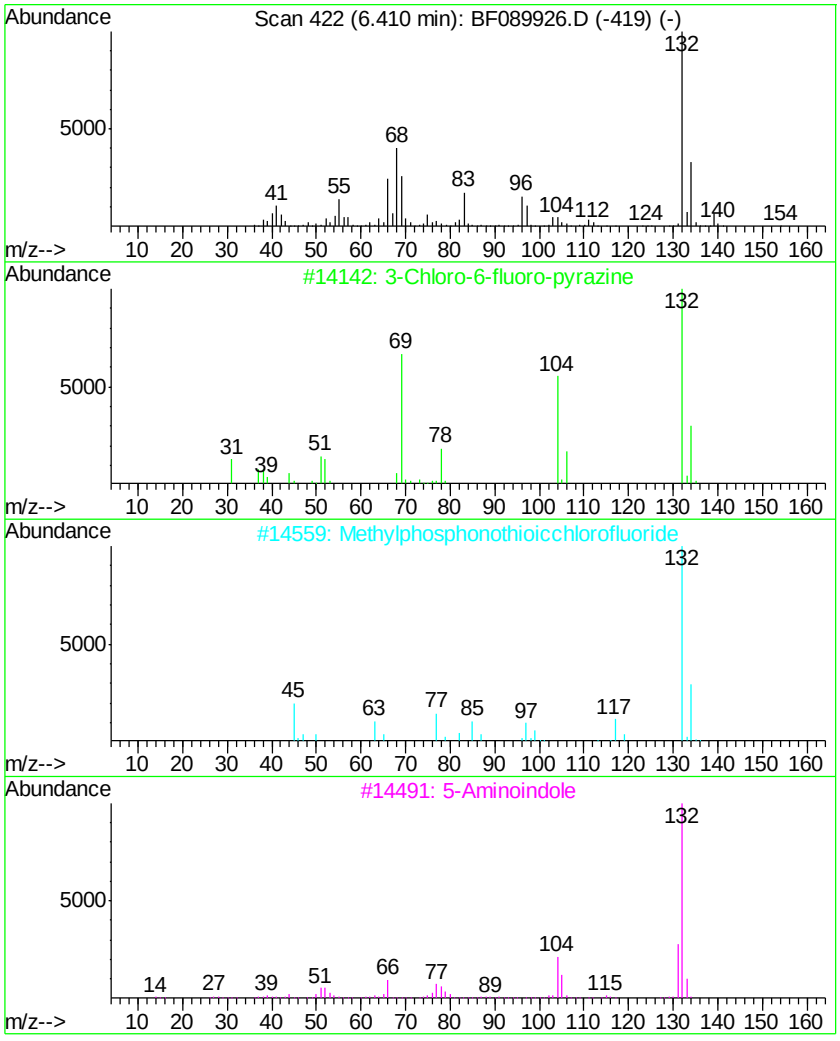
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

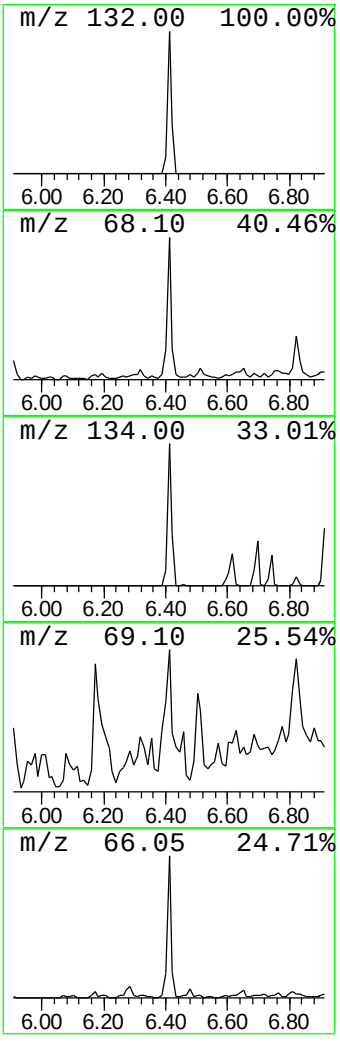
****

Peak Number 5 unknown6.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	59.66 ng	6679520	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

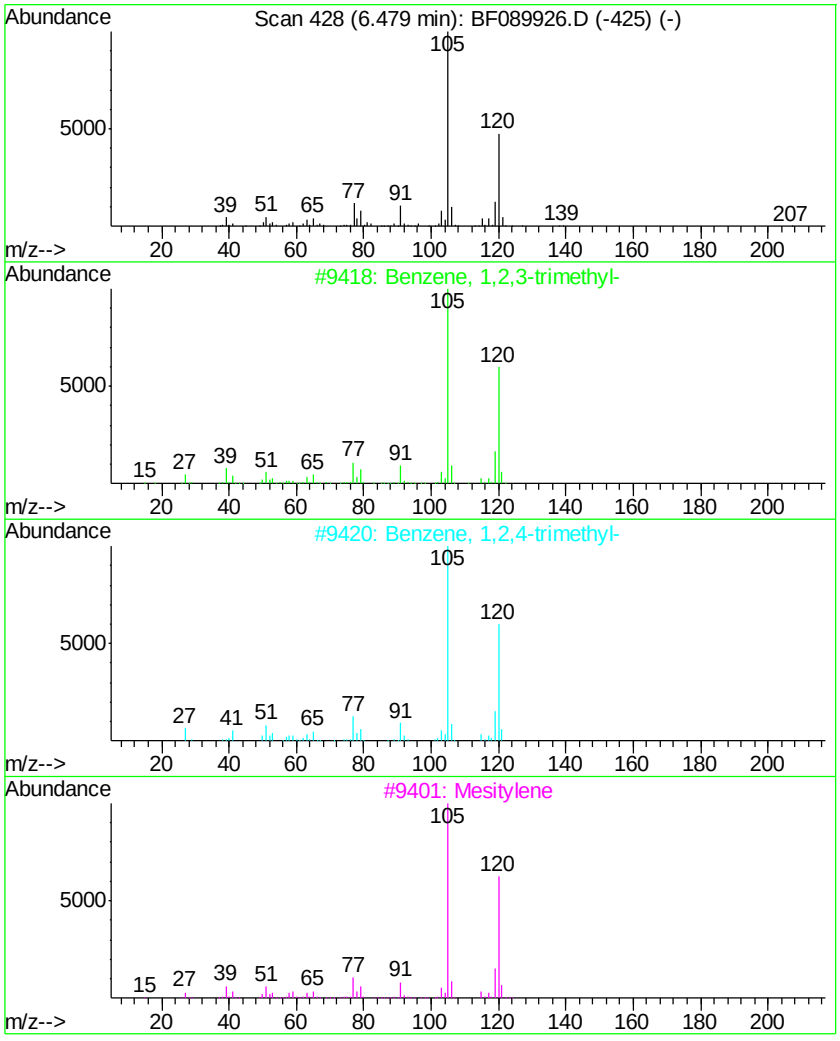
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

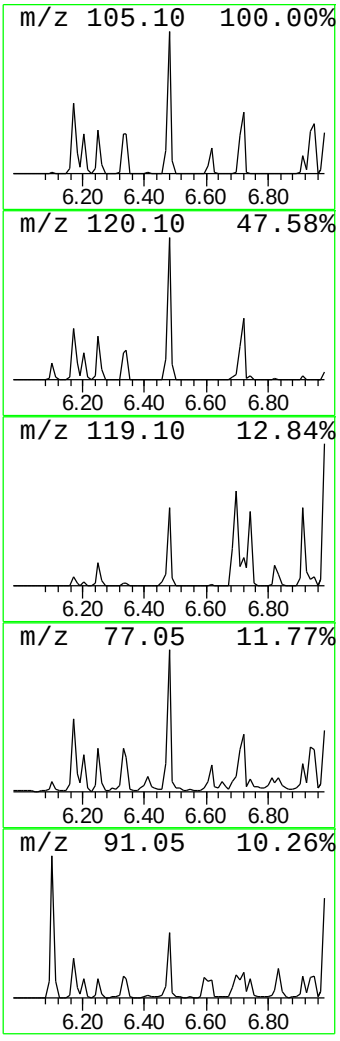
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	39.71 ng	4445760	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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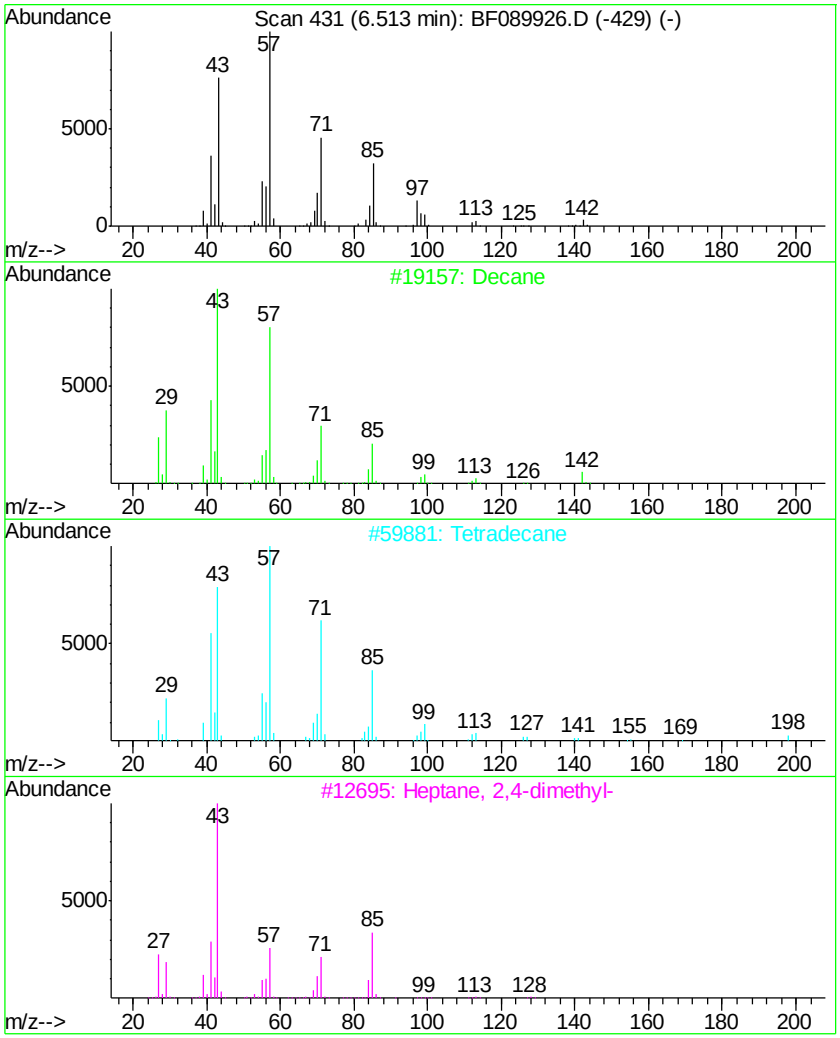
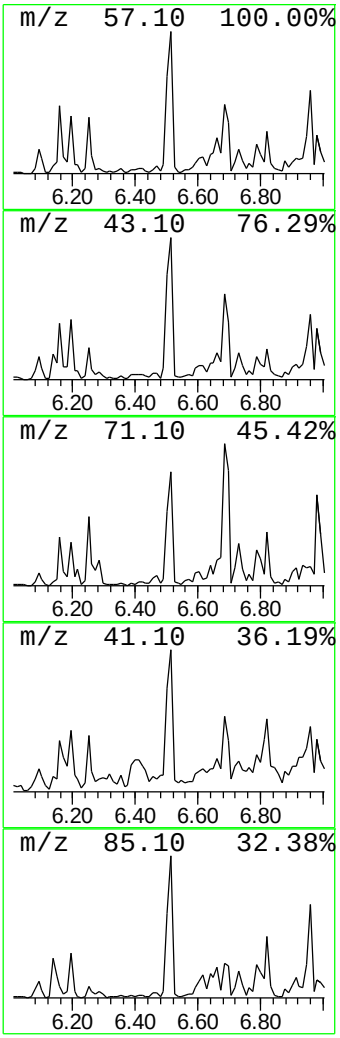
Peak Number 7 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	59.27 ng	6635520	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64





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Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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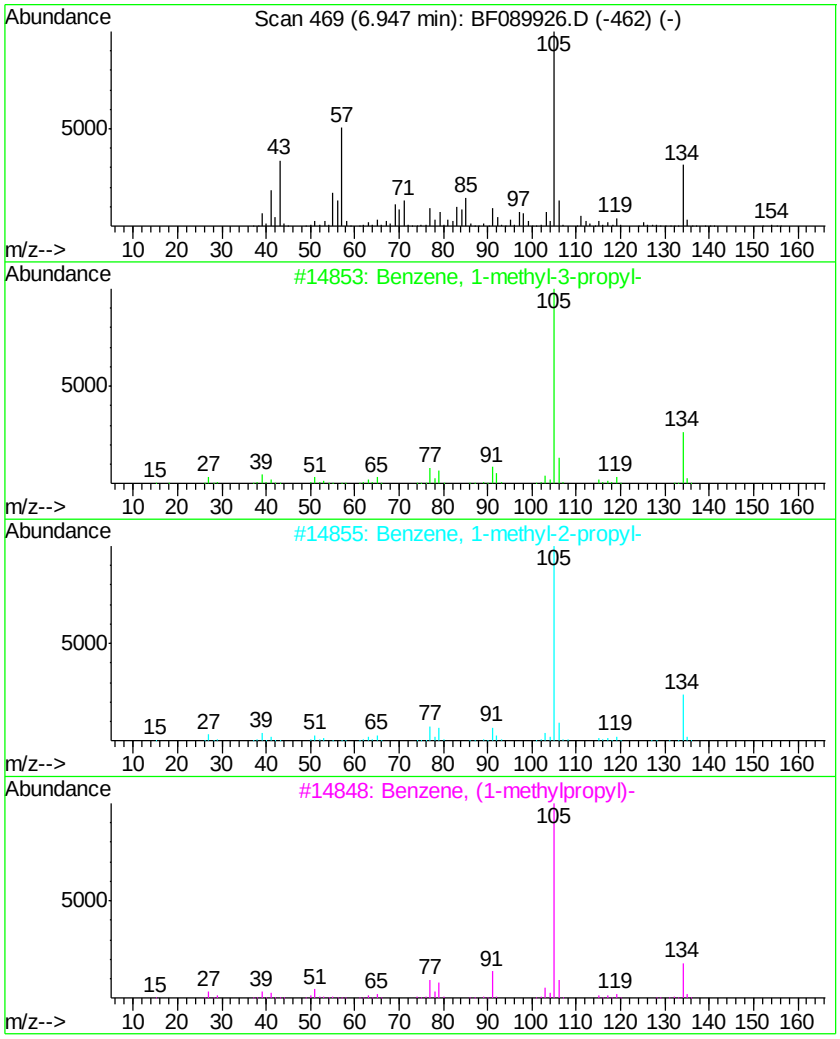
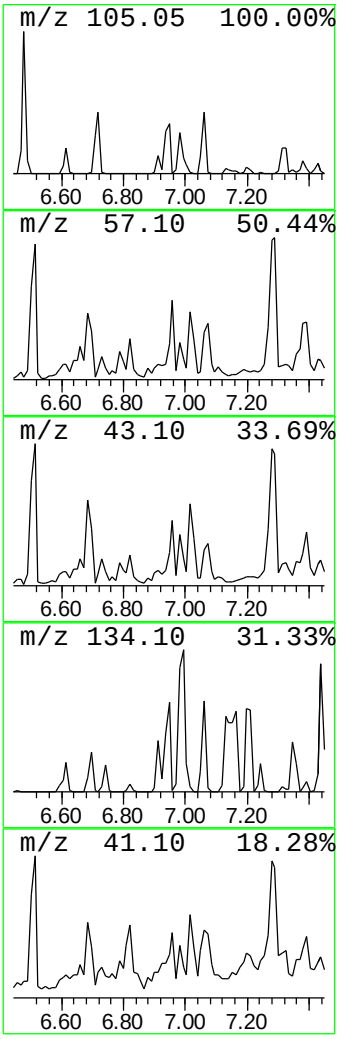
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	90.60 ng	10143300	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
5	2-Indanol	134	C9H10O	004254-29-9	49





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Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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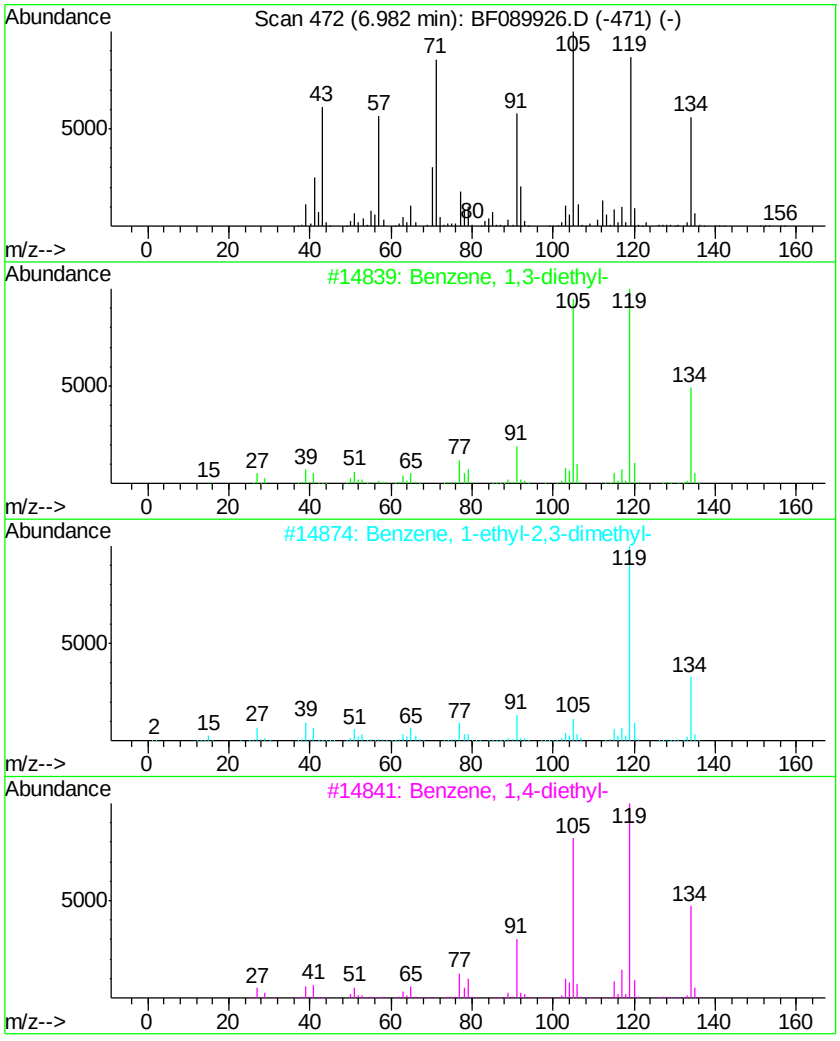
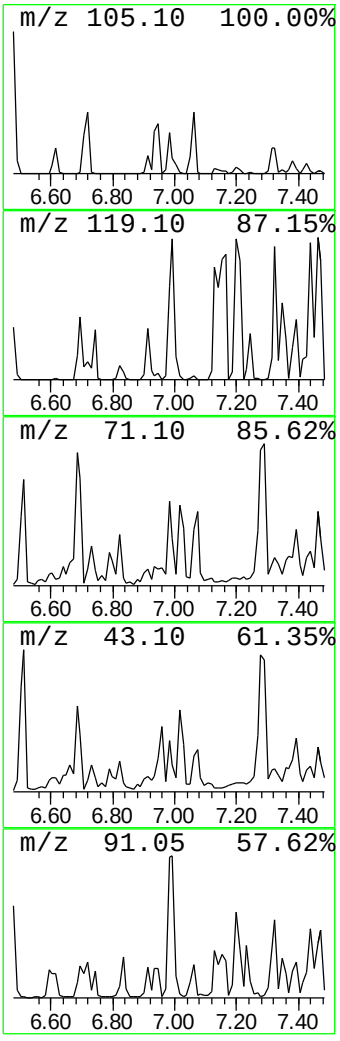
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	43.76 ng	4898620	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60





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Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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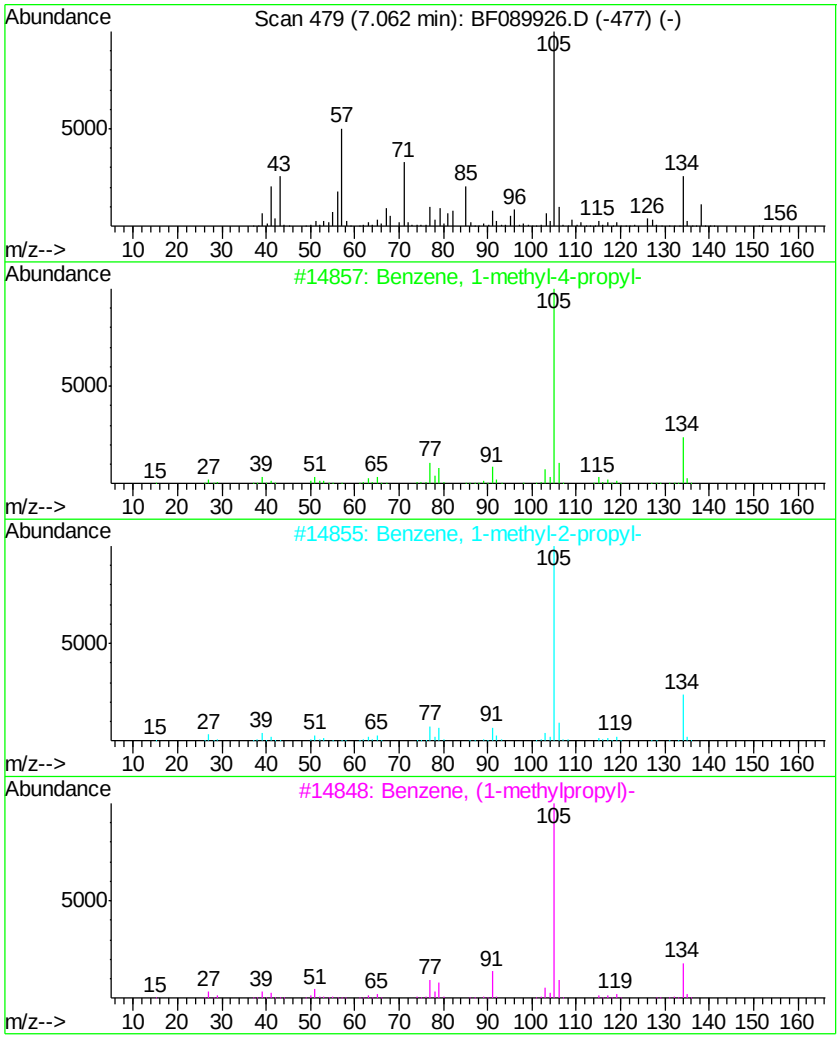
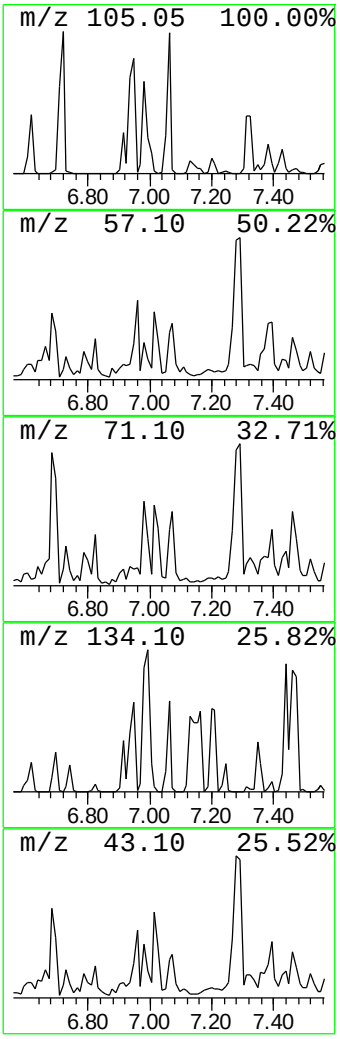
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	56.00 ng	6269520	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
5	2-Indanol	134	C9H10O	004254-29-9	41





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Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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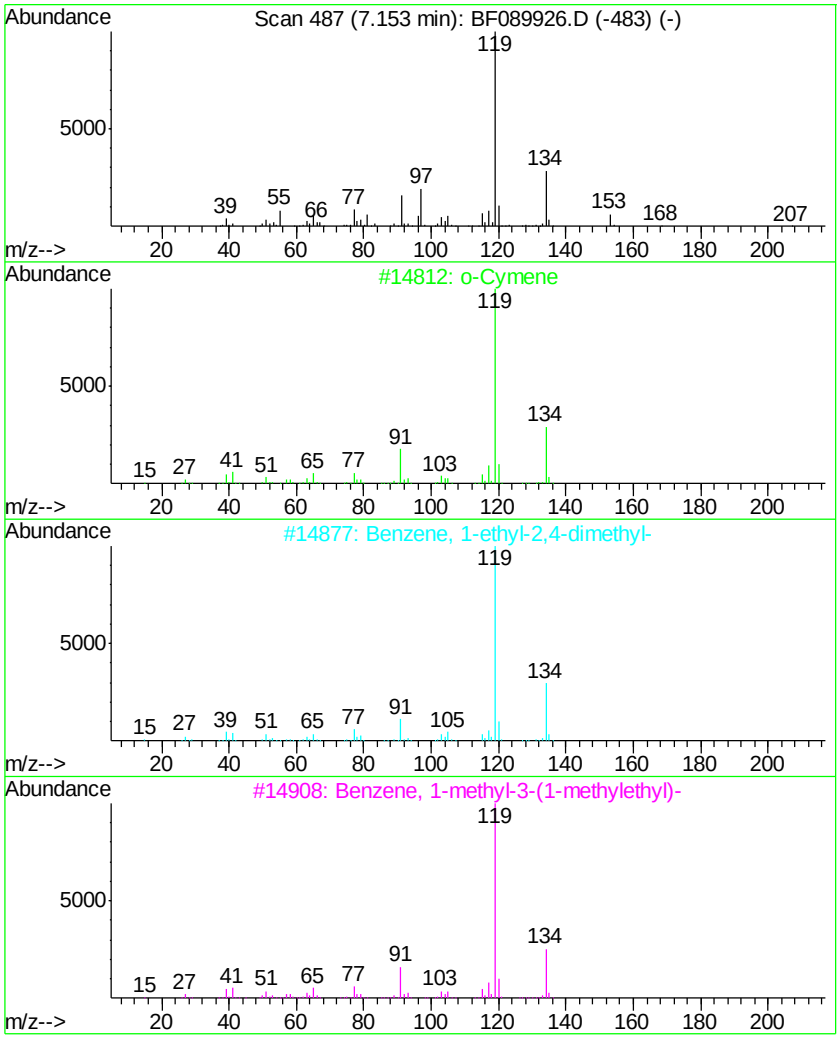
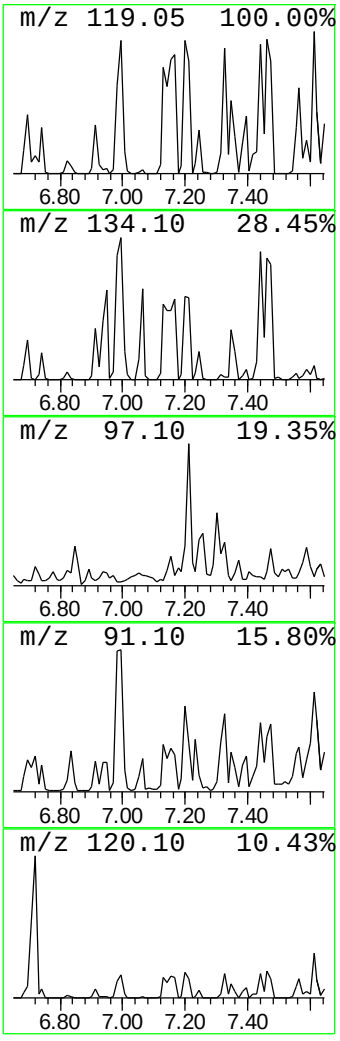
Peak Number 12 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	32.08 ng	3591470	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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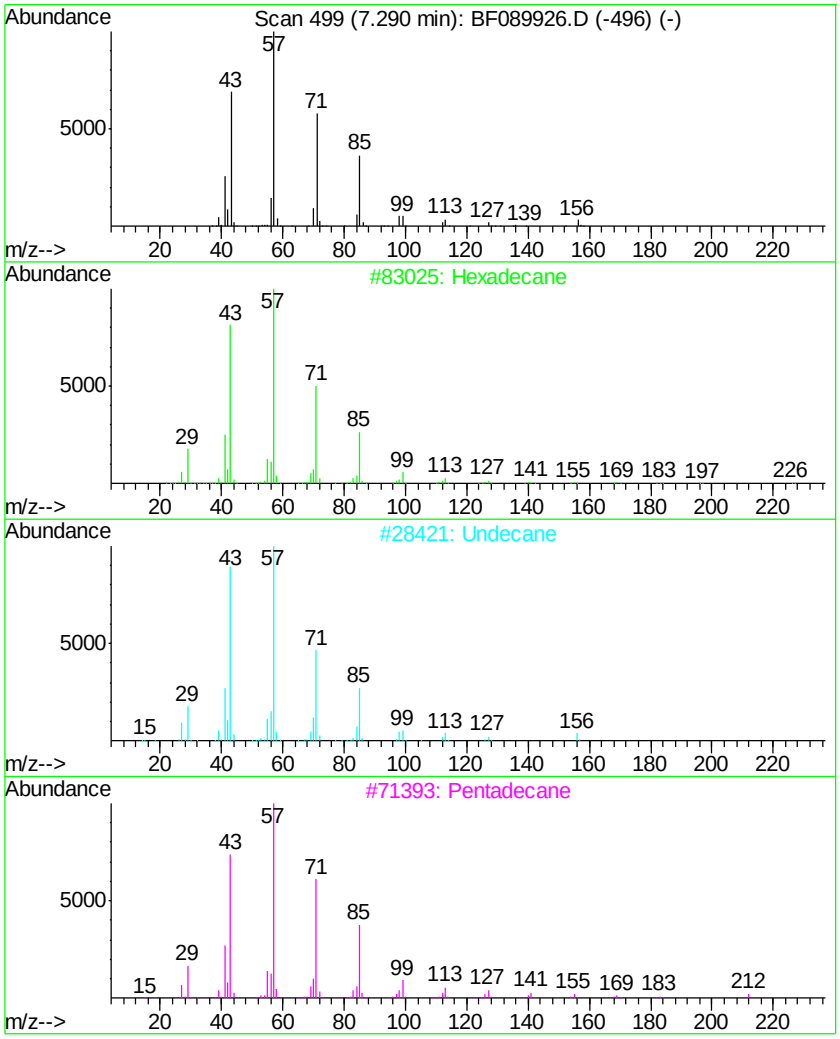
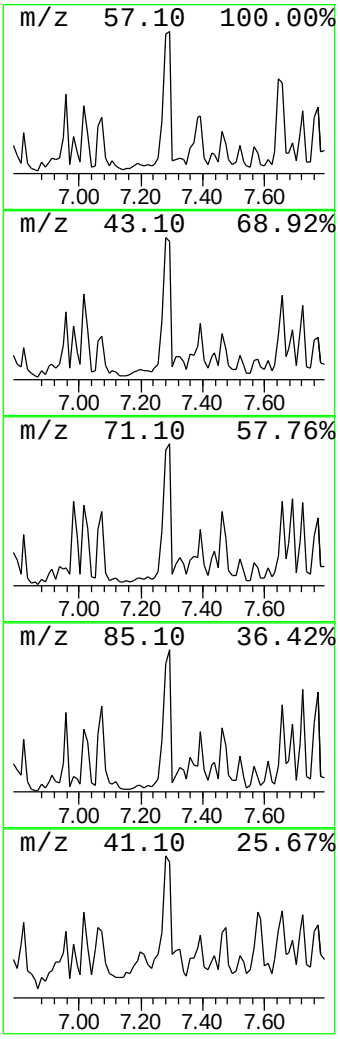
Peak Number 13 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	66.85 ng	7484630	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Undecane	156	C11H24	001120-21-4	81
3	Pentadecane	212	C15H32	000629-62-9	78
4	Nonadecane	268	C19H40	000629-92-5	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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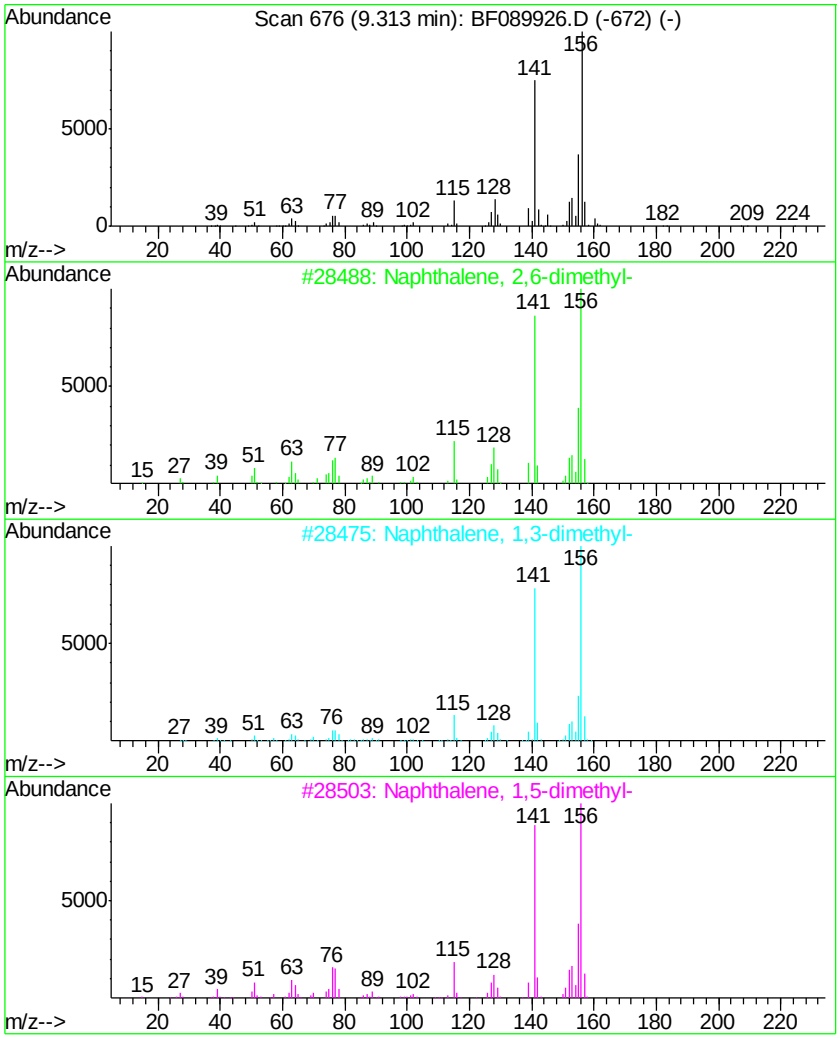
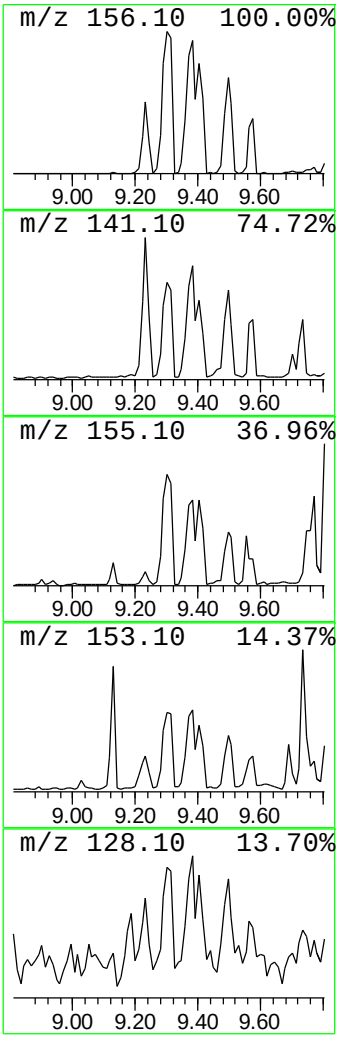
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	35.35 ng	7774800	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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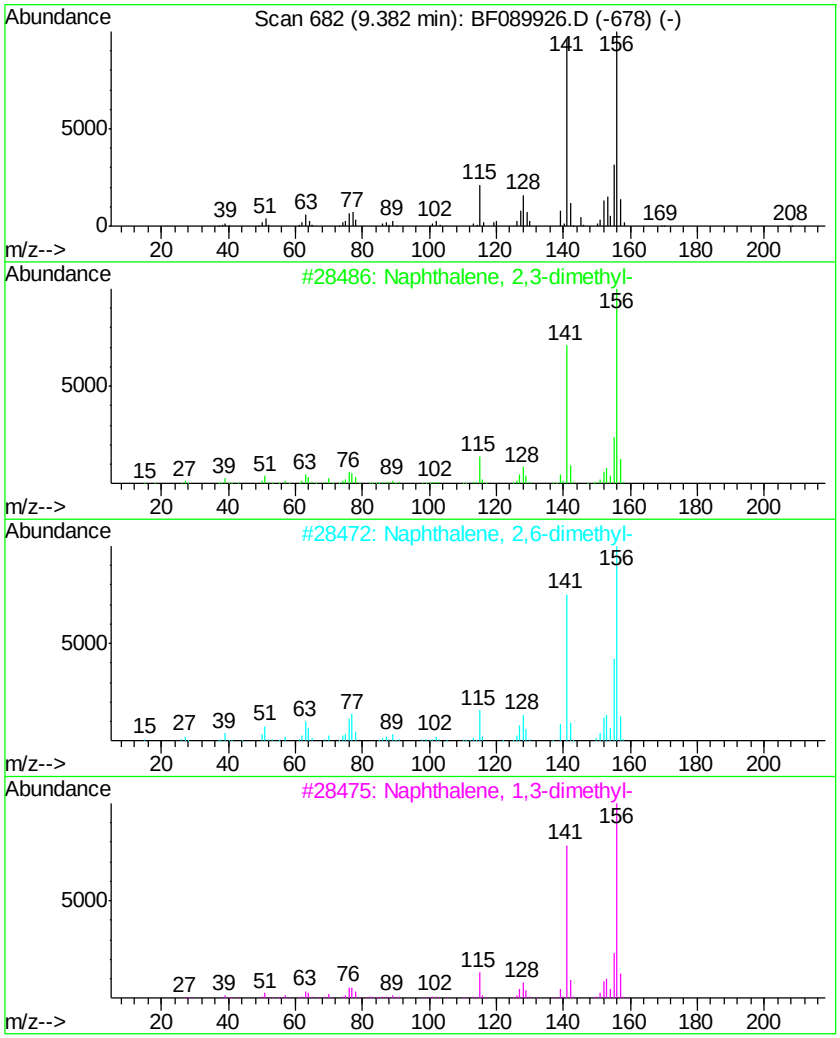
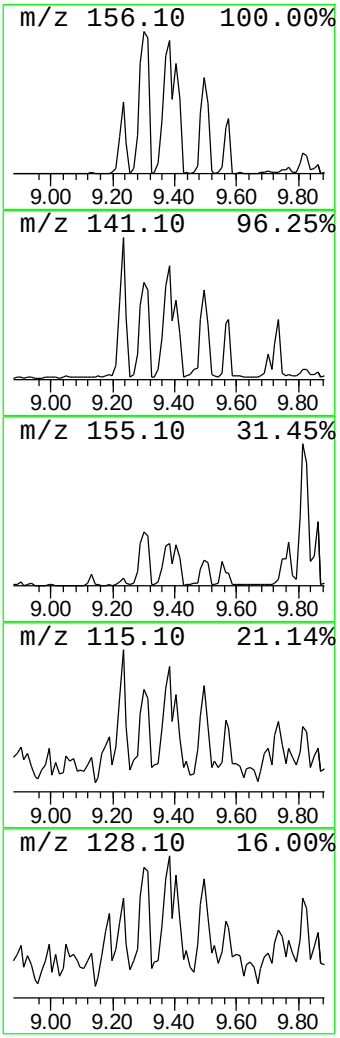
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	41.03 ng	9026220	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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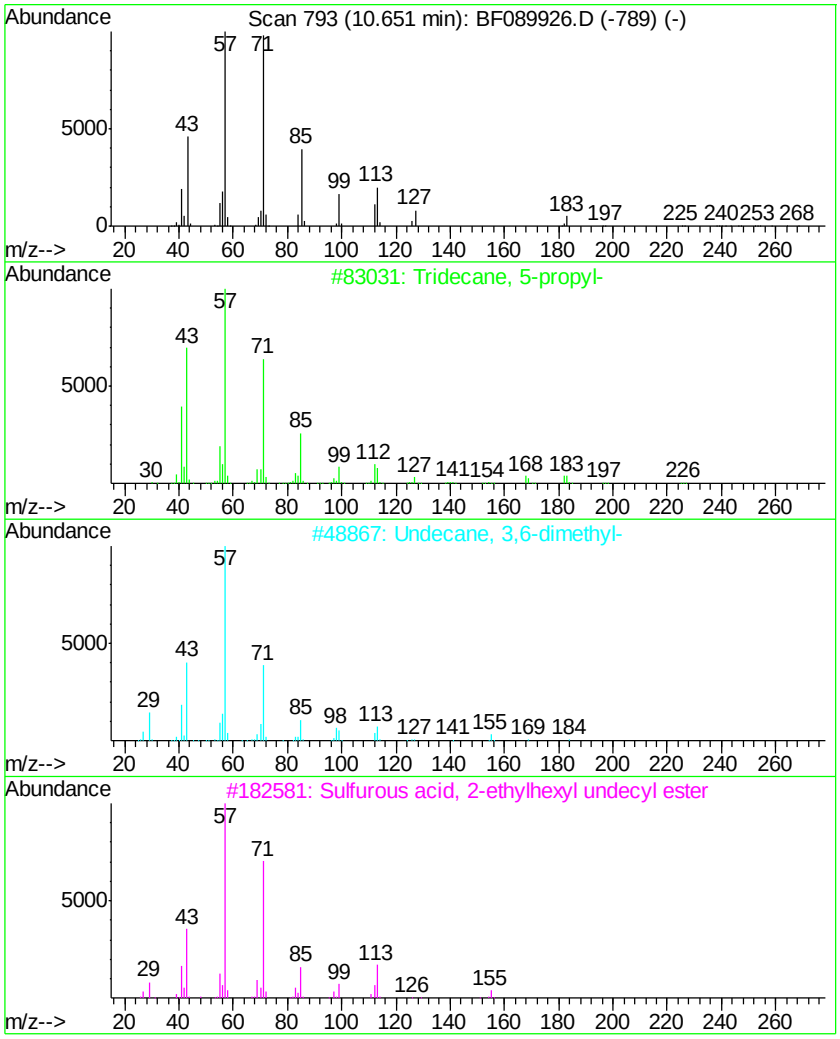
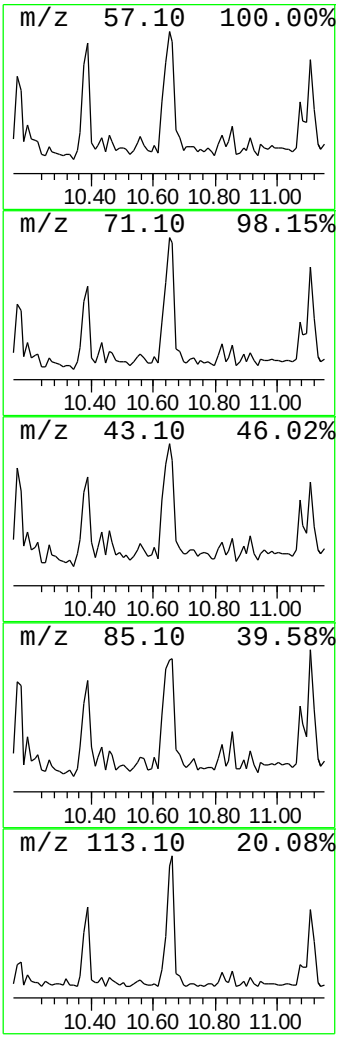
Peak Number 16 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	63.20 ng	6773190	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53





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Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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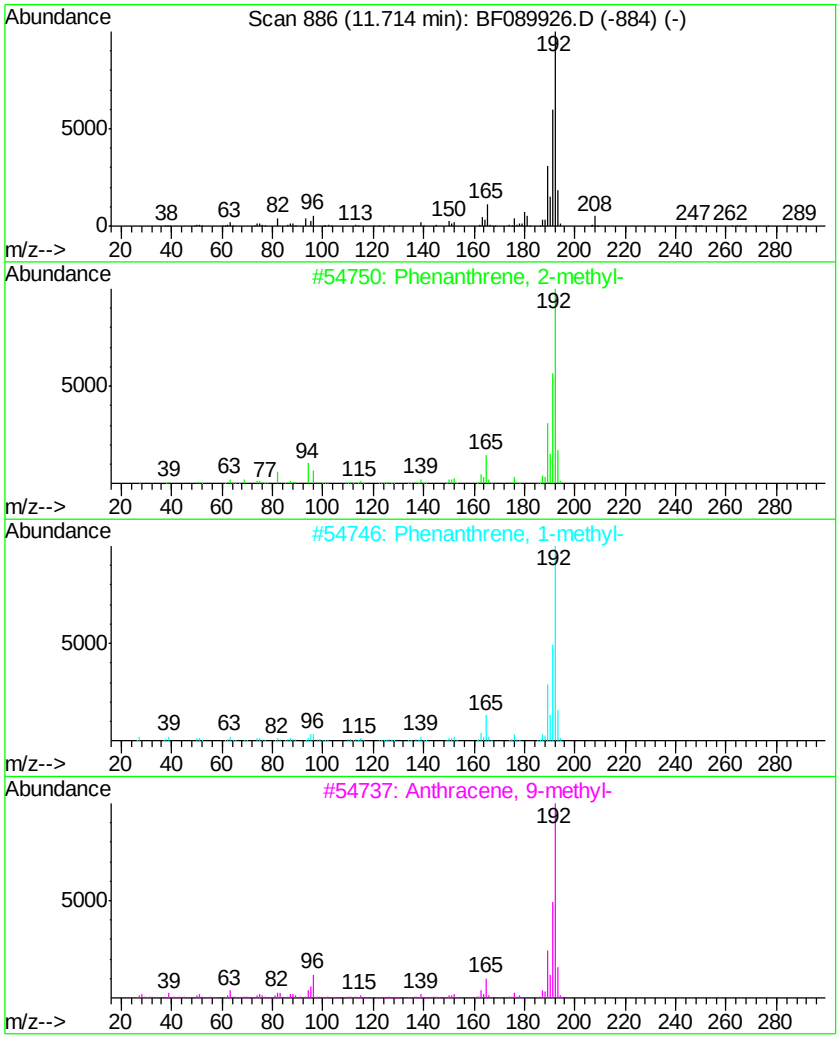
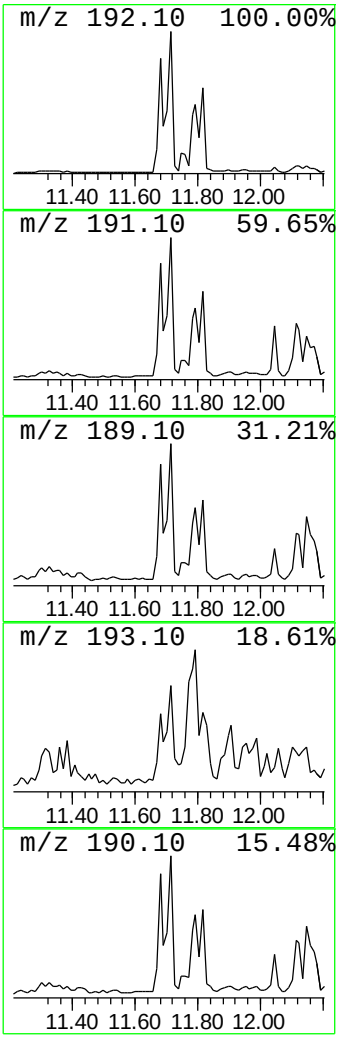
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	31.65 ng	3392060	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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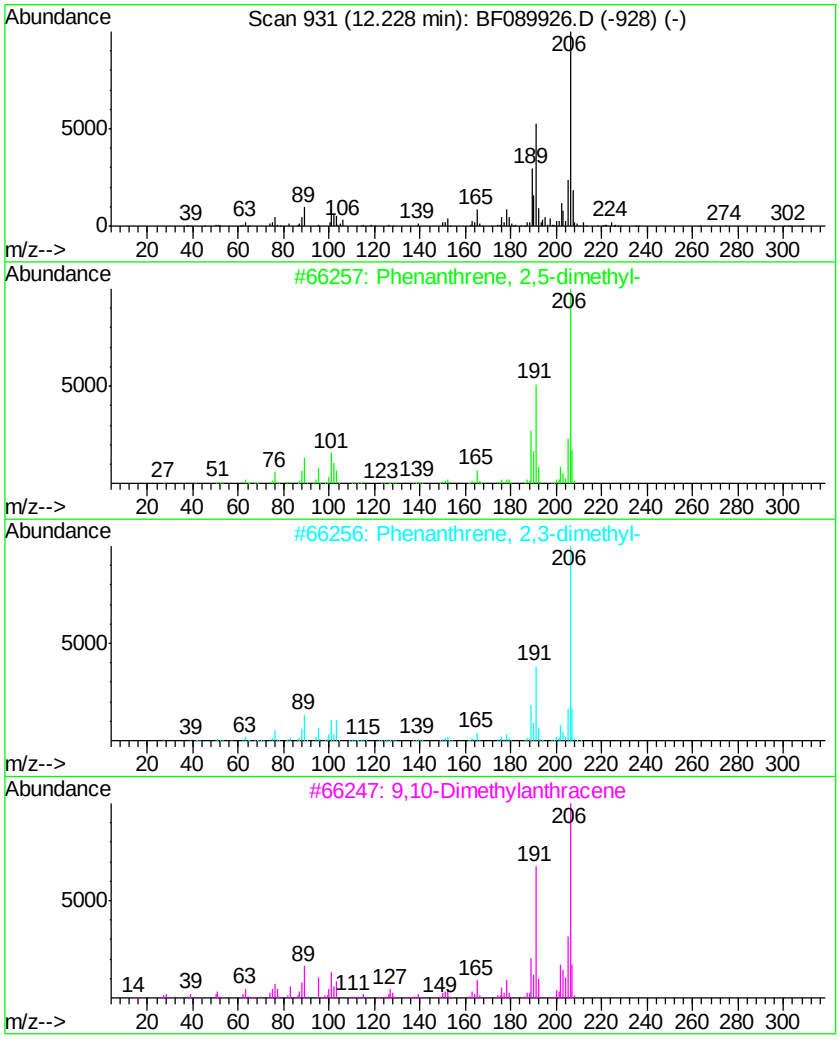
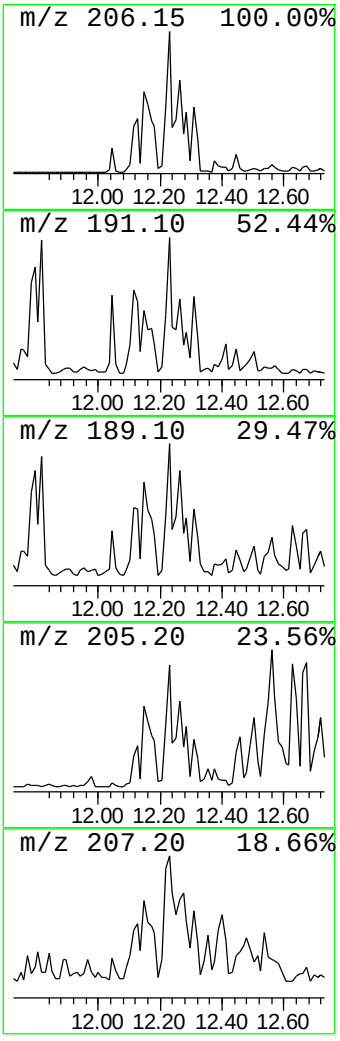
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	44.64 ng	4783630	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
Data File : BF089926.D
Acq On : 26 Aug 2016 23:53
Operator : UM/SJ
Sample : H4576-08 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21B-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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
Octane, 2,6-dimet...	5.90	37.4	ng	4187030	1	6.65	2239070	20.0
Benzene, 1-ethyl-...	6.17	53.6	ng	6003640	1	6.65	2239070	20.0
Nonane, 2-methyl-	6.19	30.3	ng	3394660	1	6.65	2239070	20.0
unknown6.41	6.41	59.7	ng	6679520	1	6.65	2239070	20.0
Benzene, 1,2,3-tr...	6.48	39.7	ng	4445760	1	6.65	2239070	20.0
Decane	6.51	59.3	ng	6635520	1	6.65	2239070	20.0
Benzene, 1-methyl...	6.95	90.6	ng	10143300	1	6.65	2239070	20.0
Benzene, 1,3-diet...	6.98	43.8	ng	4898620	1	6.65	2239070	20.0
Benzene, 1-methyl...	7.06	56.0	ng	6269520	1	6.65	2239070	20.0
o-Cymene	7.15	32.1	ng	3591470	1	6.65	2239070	20.0
Hexadecane	7.29	66.8	ng	7484630	1	6.65	2239070	20.0
Naphthalene, 2,6-...	9.31	35.4	ng	7774800	3	9.70	4399330	20.0
Naphthalene, 2,3-...	9.38	41.0	ng	9026220	3	9.70	4399330	20.0
Tridecane, 5-propyl-	10.65	63.2	ng	6773190	4	11.18	2143380	20.0
Phenanthrene, 2-m...	11.71	31.6	ng	3392060	4	11.18	2143380	20.0
Phenanthrene, 2,5...	12.23	44.6	ng	4783630	4	11.18	2143380	20.0