LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

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-BF051716.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	1.724	10	12	44	rVB	2465323	4753847	100.00%	8.134%
2	4.718	272	274	286	rBV	573837	1006131	21.16%	1.721%
3	5.107	305	308	312	rBV2	34362	86731	1.82%	0.148%
4	5.187	312	315	317	rBV	3451852	4332314	91.13%	7.412%
5	5.461	337	339	342	rBV	78959	82681	1.74%	0.141%
6	5.564	345	348	351	rBV3	55130	147465	3.10%	0.252%
7	5.713	358	361	363	rVB	62538	94563	1.99%	0.162%
8	5.770	363	366	368	rBV2	59210	100312	2.11%	0.172%
9	5.816	368	370	373	rVB	179527	250249	5.26%	0.428%
10	5.873	373	375	376	rBV	92510	96787	2.04%	0.166%
11	5.896	376	377	381	rVB2	43799	56086	1.18%	0.096%
12	6.010	384	387	391	rBV3	60783	160820	3.38%	0.275%
13	6.090	391	394	395	rBV2	65893	130924	2.75%	0.224%
14	6.113	395	396	400	rVB	95092	128206	2.70%	0.219%
15	6.181	400	402	404	rBV	73009	134420	2.83%	0.230%
16	6.261	406	409	413	rVV	3376757	4078272	85.79%	6.978%
17	6.364	416	418	421	rVV	4133219	4064466	85.50%	6.954%
18	6.433	421	424	426	rVB	316166	375037	7.89%	0.642%
19	6.524	429	432	434	rBV2	57243	109952	2.31%	0.188%
20	6.593	436	438	441	rVB2	1011446	1310715	27.57%	2.243%
21	6.650	441	443	444	rBV2	79019	110786	2.33%	0.190%
22	6.742	449	451	454	rVV	2572275	3427191	72.09%	5.864%
23	6.822	455	458	459	rVV3	66937	157204	3.31%	0.269%
24	6.867	459	462	465	rVV3	160563	399694	8.41%	0.684%
25	6.947	467	469	470	rVV	137157	212160	4.46%	0.363%
26	6.982	470	472	476	rVV3	111170	325582	6.85%	0.557%
27	7.039	476	477	482	rVV4	86514	245805	5.17%	0.421%
28	7.130	482	485	486	rVV2	95397	239105	5.03%	0.409%
29	7.164	486	488	490	rVV	2484036	2750944	57.87%	4.707%
30	7.199	490	491	493	rVV	306197	421891	8.87%	0.722%
31	7.244	493	495	497	rVV3	104844	204694	4.31%	0.350%
32	7.313	497	501	503	rVV	147746	318781	6.71%	0.545%
33	7.359	503	505	507	rVV3	94511	188836	3.97%	0.323%
34	7.393	507	508	511	rVV	137923	171138	3.60%	0.293%

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Acq On : 18 May 2016 6:39
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Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

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-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.439	511	512	515	rVV2	41314	84799	1.78%	0.145%
36	7.507	515	518	522	rVV4	72620	177088	3.73%	0.303%
37	7.633	526	529	533	rVV4	50003	187861	3.95%	0.321%
38	7.702	533	535	537	rVB2	39091	65107	1.37%	0.111%
39	7.873	548	550	553	rBV	1041018	1411982	29.70%	2.416%
40	8.319	586	589	593	rVB	37468	71038	1.49%	0.122%
41	8.696	619	622	627	rBV3	42216	87921	1.85%	0.150%
42	8.913	638	641	642	rBV	54259	58157	1.22%	0.100%
43	8.959	642	645	648	rBV	4030729	3940337	82.89%	6.742%
44	9.050	650	653	655	rVB2	44730	63275	1.33%	0.108%
45	9.222	665	668	670	rBV2	33223	61459	1.29%	0.105%
46	9.290	672	674	676	rBV3	62629	87086	1.83%	0.149%
47	9.359	678	680	683	rVB	477045	442440	9.31%	0.757%
48	9.496	689	692	694	rBV	36753	65095	1.37%	0.111%
49	9.576	697	699	701	rBV	162746	159366	3.35%	0.273%
50	9.622	701	703	705	rVV	929560	1319680	27.76%	2.258%
51	9.656	705	706	710	rVB	82346	88959	1.87%	0.152%
52	9.828	715	721	723	rBV5	76315	200061	4.21%	0.342%
53	9.896	726	727	729	rVB	70048	51374	1.08%	0.088%
54	9.942	729	731	733	rBV2	40196	82588	1.74%	0.141%
55	10.045	737	740	741	rBV2	49913	100810	2.12%	0.172%
56	10.068	741	742	744	rVB	169348	181031	3.81%	0.310%
57	10.125	744	747	749	rBV3	22224	51188	1.08%	0.088%
58	10.170	749	751	755	rVB3	101810	121909	2.56%	0.209%
59	10.296	759	762	764	rBV	135527	210214	4.42%	0.360%
60	10.342	764	766	767	rVB2	46703	55641	1.17%	0.095%
61	10.422	770	773	775	rBV	1967307	2426417	51.04%	4.151%
62	10.548	781	784	788	rBV	266284	472954	9.95%	0.809%
63	10.742	799	801	805	rBV4	45610	72491	1.52%	0.124%
64	10.833	807	809	811	rBV	35230	61246	1.29%	0.105%
65	10.959	818	820	821	rBV	46751	55508	1.17%	0.095%
66	10.993	821	823	824	rBV	150362	209843	4.41%	0.359%
67	11.108	830	833	837	rBV2	1127639	1629389	34.28%	2.788%
68	11.176	837	839	841	rBV	139271	216541	4.56%	0.370%
69	11.416	858	860	861	rBV	142709	162389	3.42%	0.278%
70	11.668	880	882	884	rBV2	716220	1094925	23.03%	1.873%
71	12.319	937	939	941	rBV	520241	634647	13.35%	1.086%

LSC Area Percent Report

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Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

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-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.445	949	950	953	rBV2	260810	317480	6.68%	0.543%
73	12.548	956	959	961	rBV	537880	710169	14.94%	1.215%
74	12.696	970	972	974	rBV	2774594	2825039	59.43%	4.833%
75	12.936	991	993	994	rBV	141330	127867	2.69%	0.219%
76	12.971	994	996	1001	rVV5	149410	328897	6.92%	0.563%
77	13.736	1060	1063	1067	rBV2	1372258	1866355	39.26%	3.193%
78	13.919	1077	1079	1083	rBV	279732	385717	8.11%	0.660%
79	14.514	1129	1131	1133	rBV	328072	482197	10.14%	0.825%
80	14.811	1155	1157	1158	rVB	359594	324792	6.83%	0.556%
81	15.097	1180	1182	1189	rVB2	733080	1511364	31.79%	2.586%
82	15.485	1214	1216	1223	rVB	317562	838360	17.64%	1.434%
83	15.668	1230	1232	1241	rVB3	333782	858068	18.05%	1.468%
84	16.022	1261	1263	1271	rVB	331333	734353	15.45%	1.256%

Sum of corrected areas: 58447263

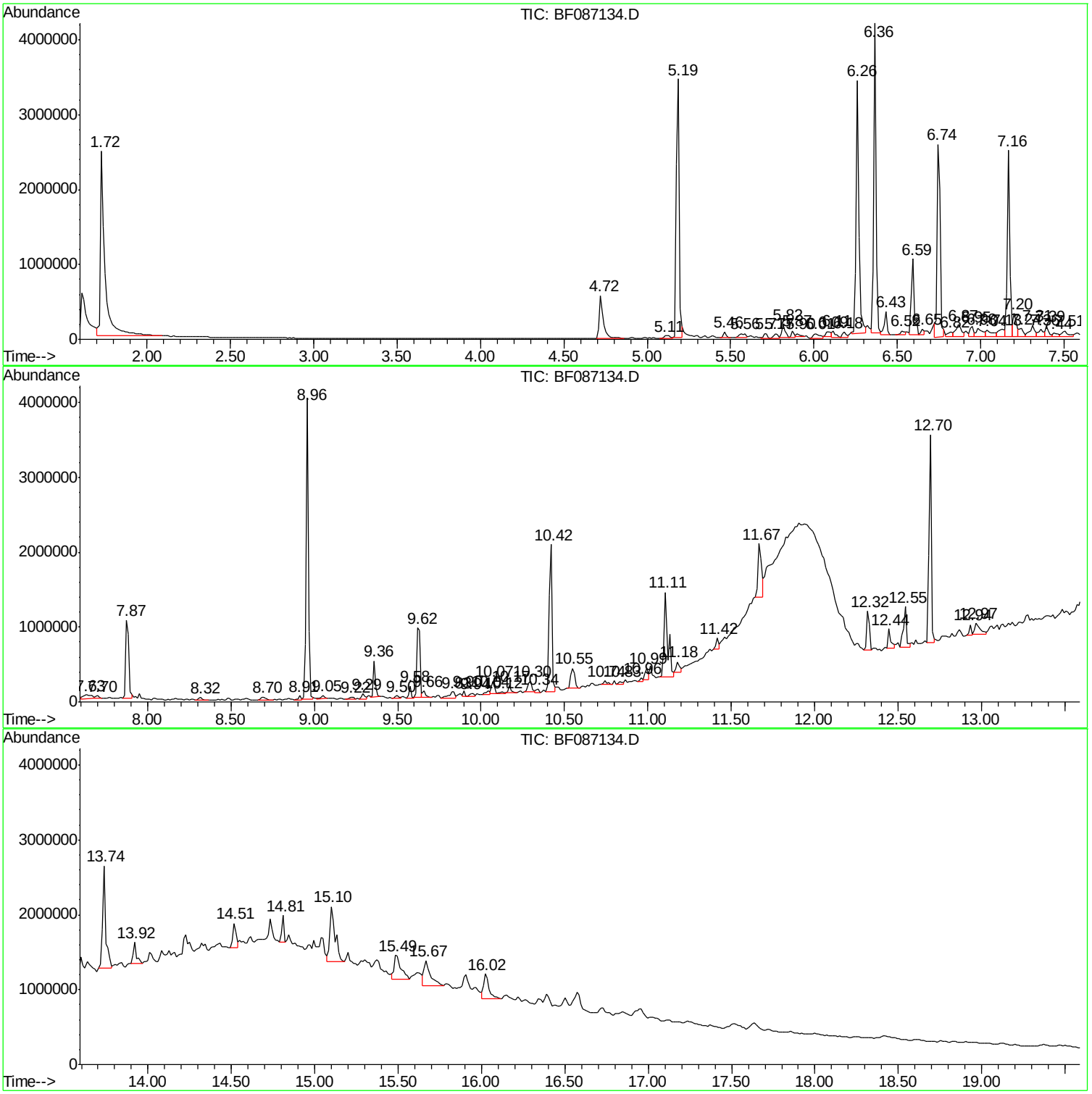
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

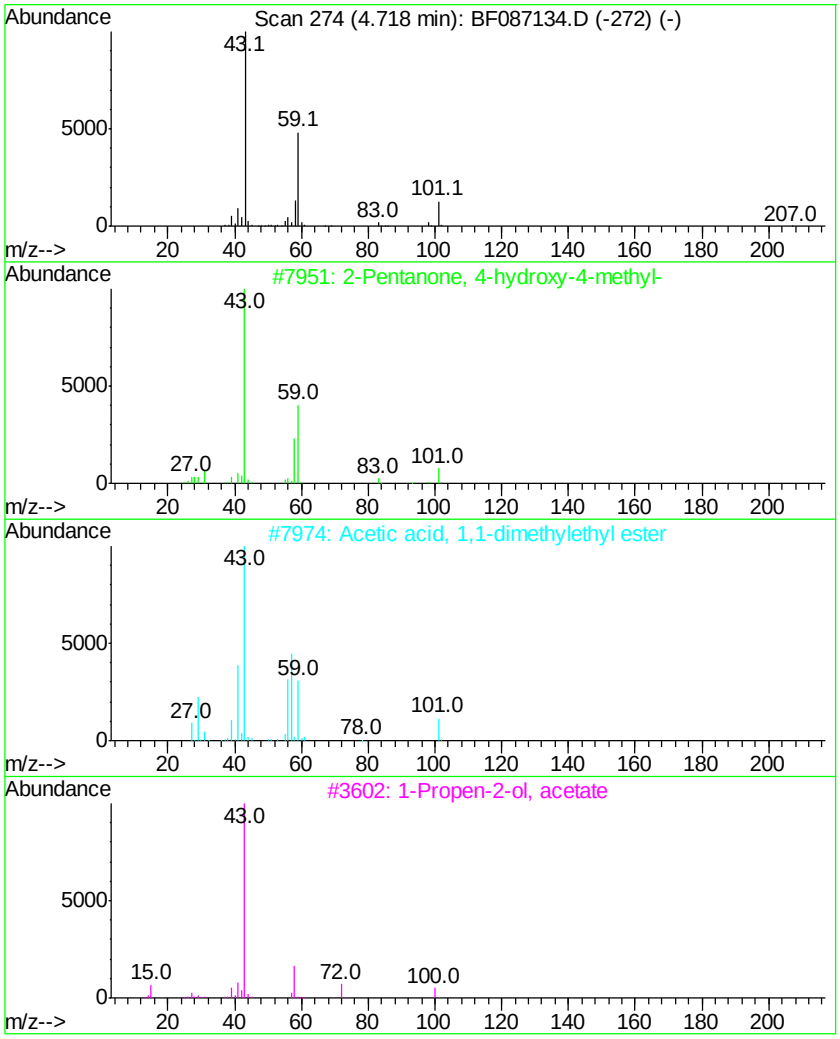
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

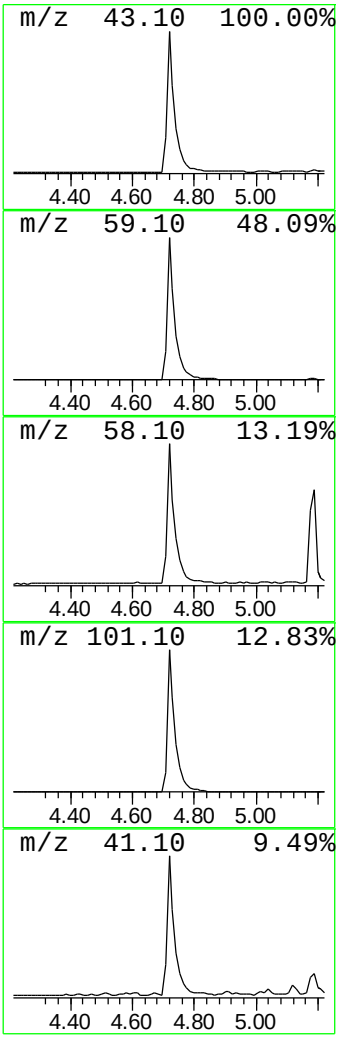
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	15.35 ng	1006130	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

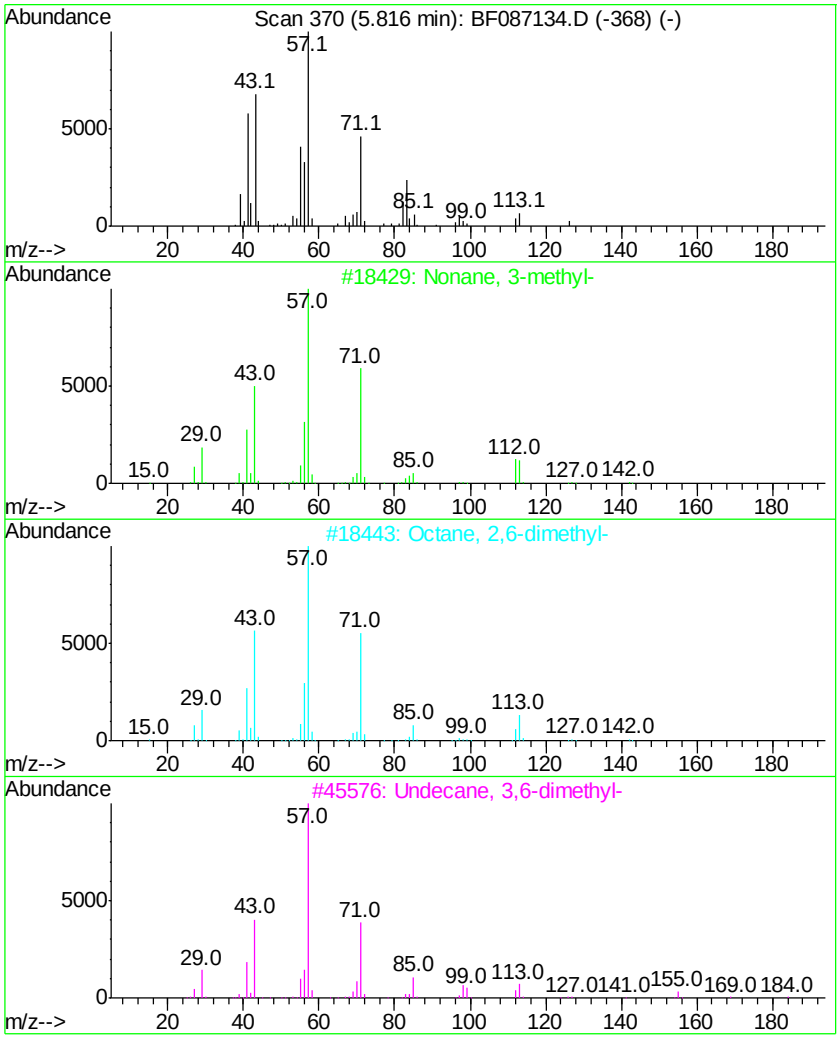
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

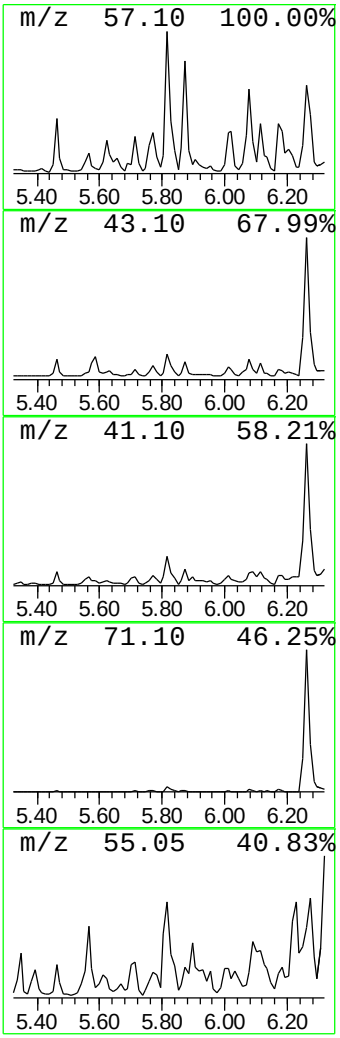
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.82 ng	250249	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5	Hexadecane	226	C16H34	000544-76-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087134.D
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Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

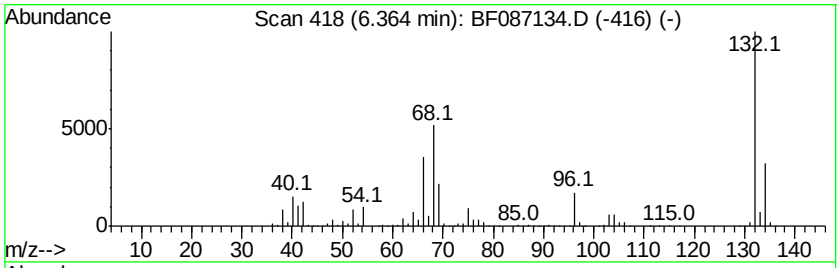
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

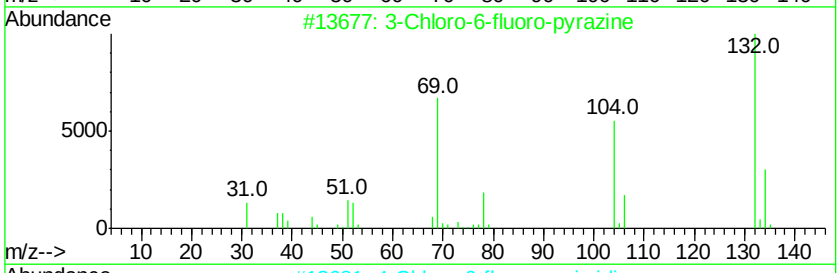
****

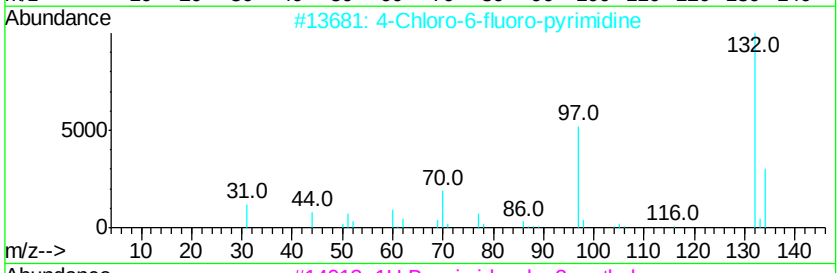
Peak Number 4 unknown6.36 Concentration Rank 2

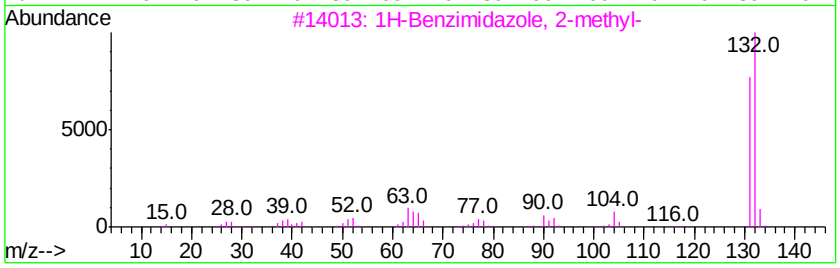
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	62.02 ng	4064470	1,4-Dichlorobenzene-d4	6.59

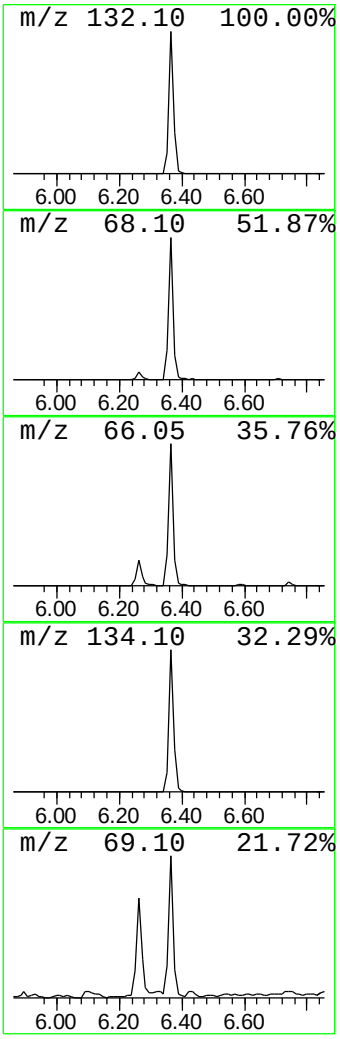
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12











Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
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Sample : H3038-03
Misc :
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Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

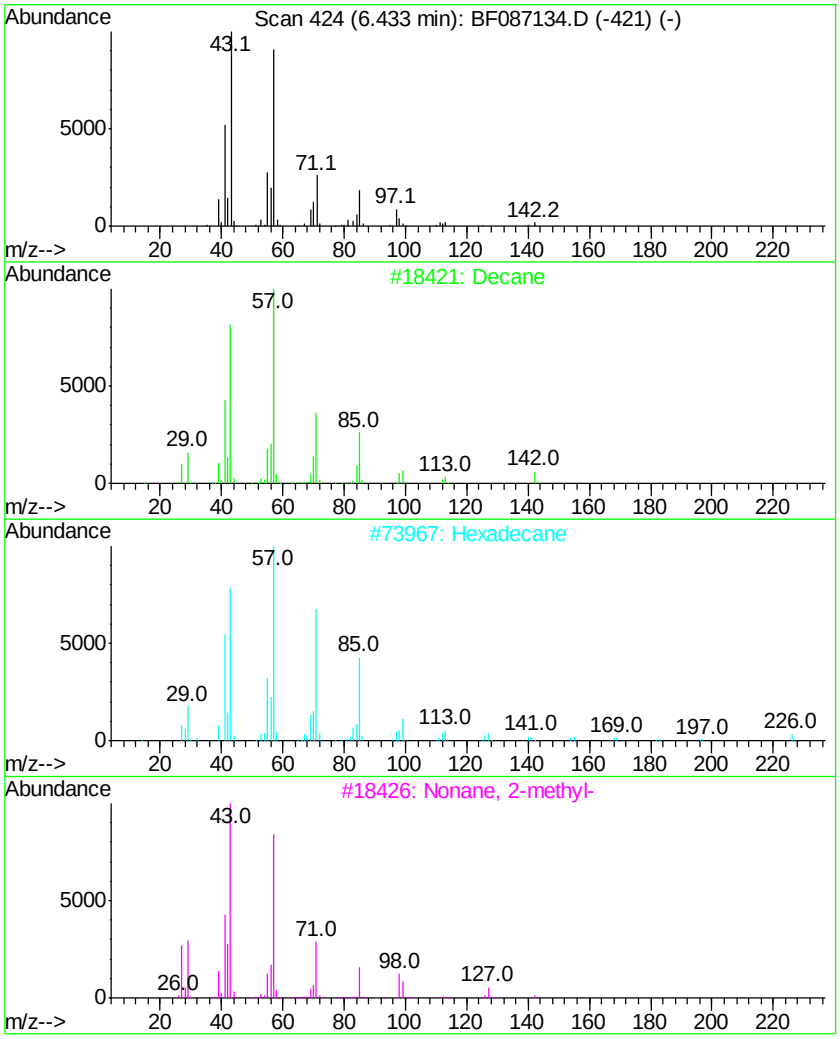
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

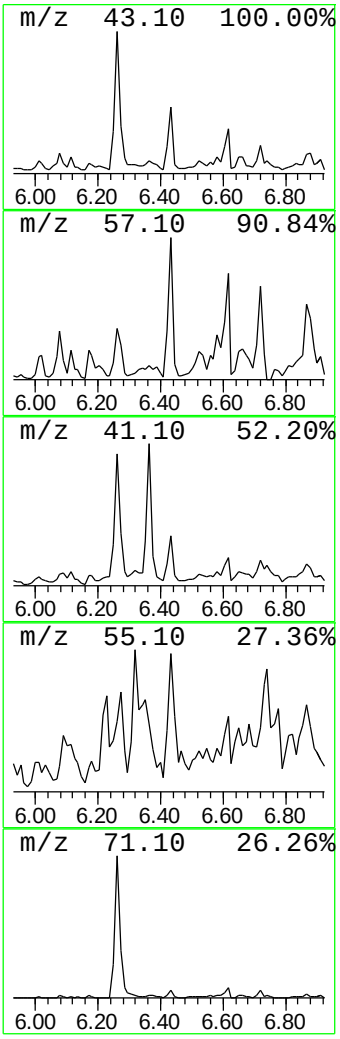
****

Peak Number 5 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	5.72 ng	375037	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Hexadecane	226	C16H34	000544-76-3	78
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	72
5	Undecane	156	C11H24	001120-21-4	72





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Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

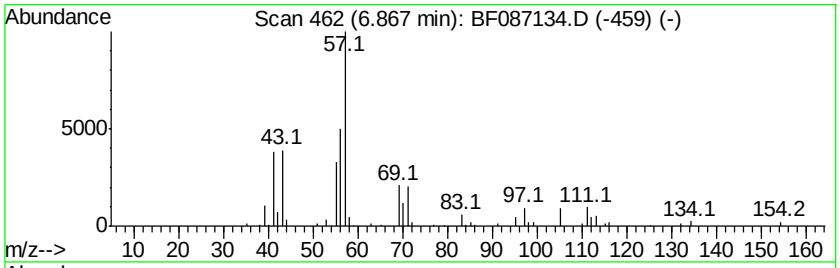
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

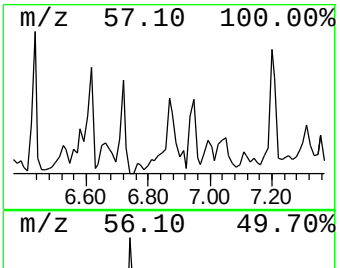
****

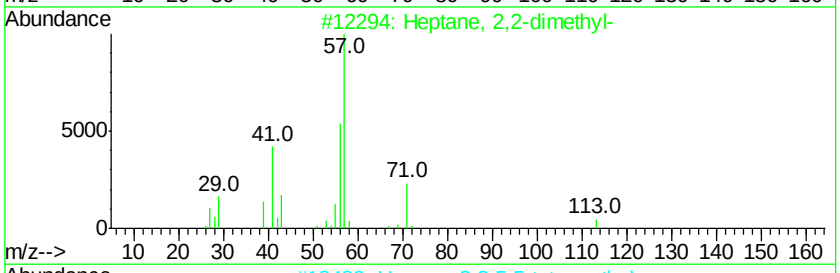
Peak Number 7 Heptane, 2,2-dimethyl- Concentration Rank 10

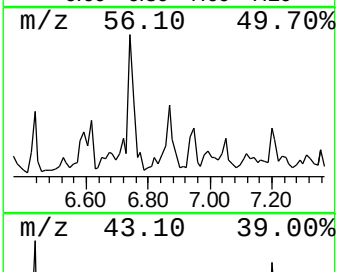
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	6.10 ng	399694	1,4-Dichlorobenzene-d4	6.59

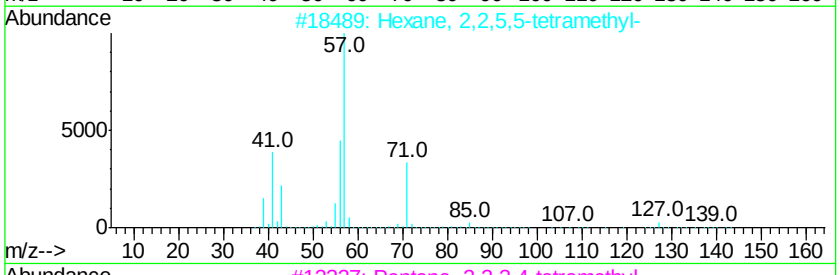
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	43
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43

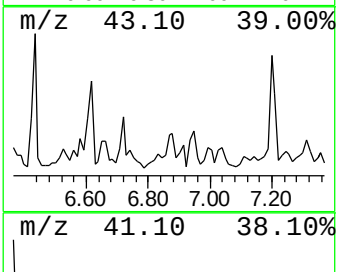


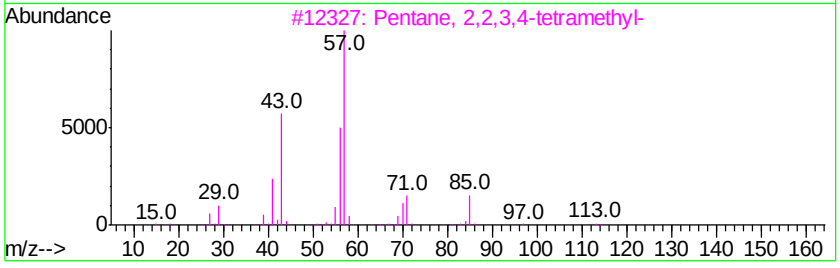


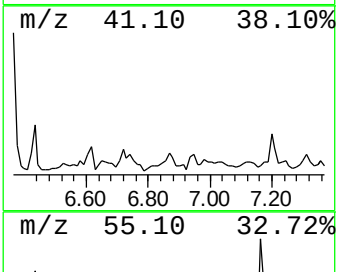


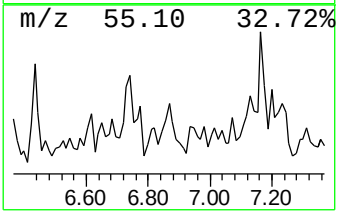












Library Search Compound Report

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Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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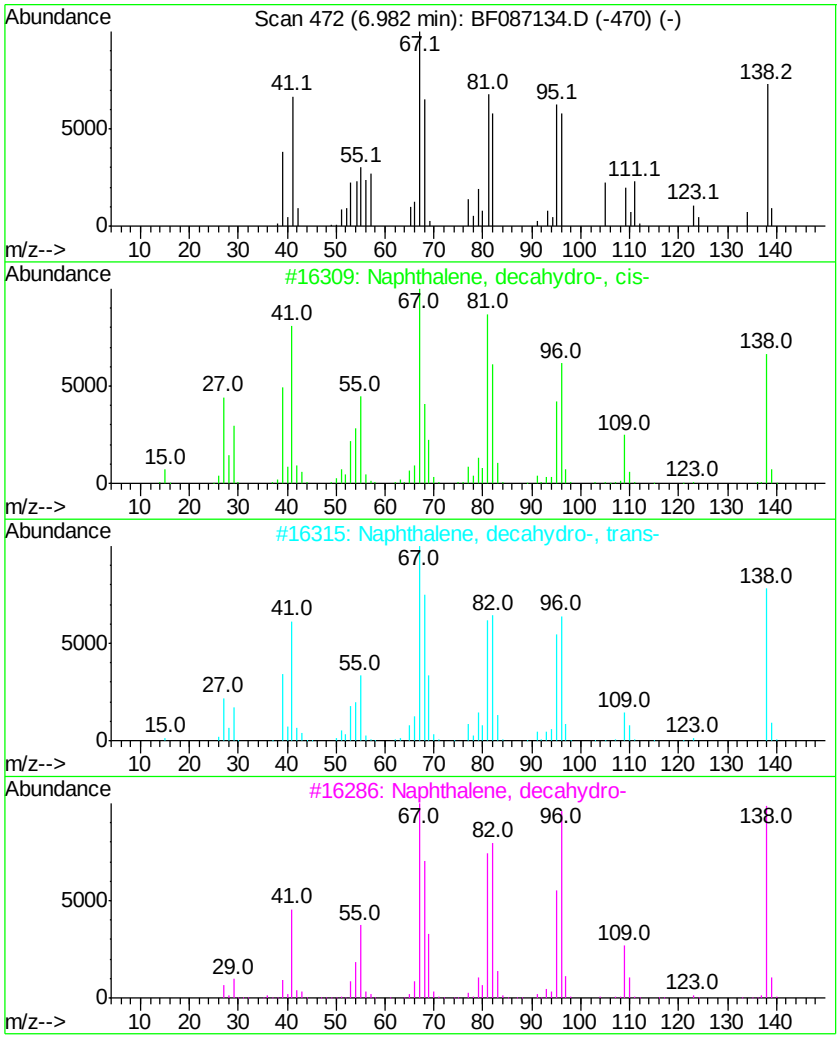
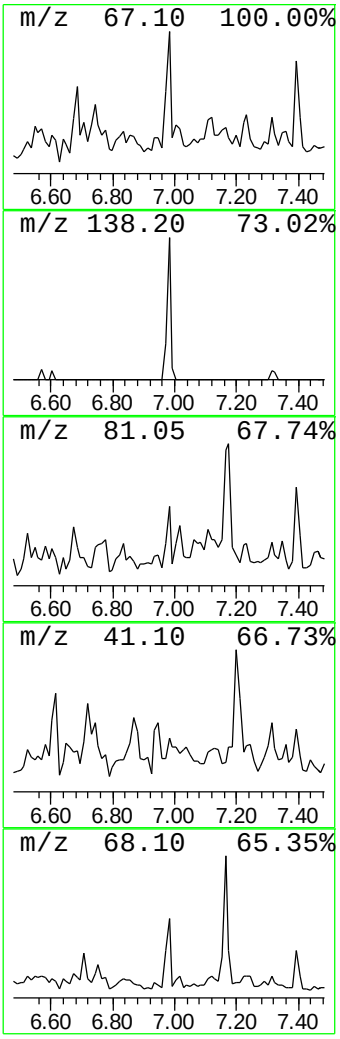
Peak Number 8 Naphthalene, decahydro-, cis- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	4.97 ng	325582	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4	Spiro[4.5]decane	138	C10H18	000176-63-6	81
5	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	70





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ClientSampleId : PITT-1-N-WEST

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

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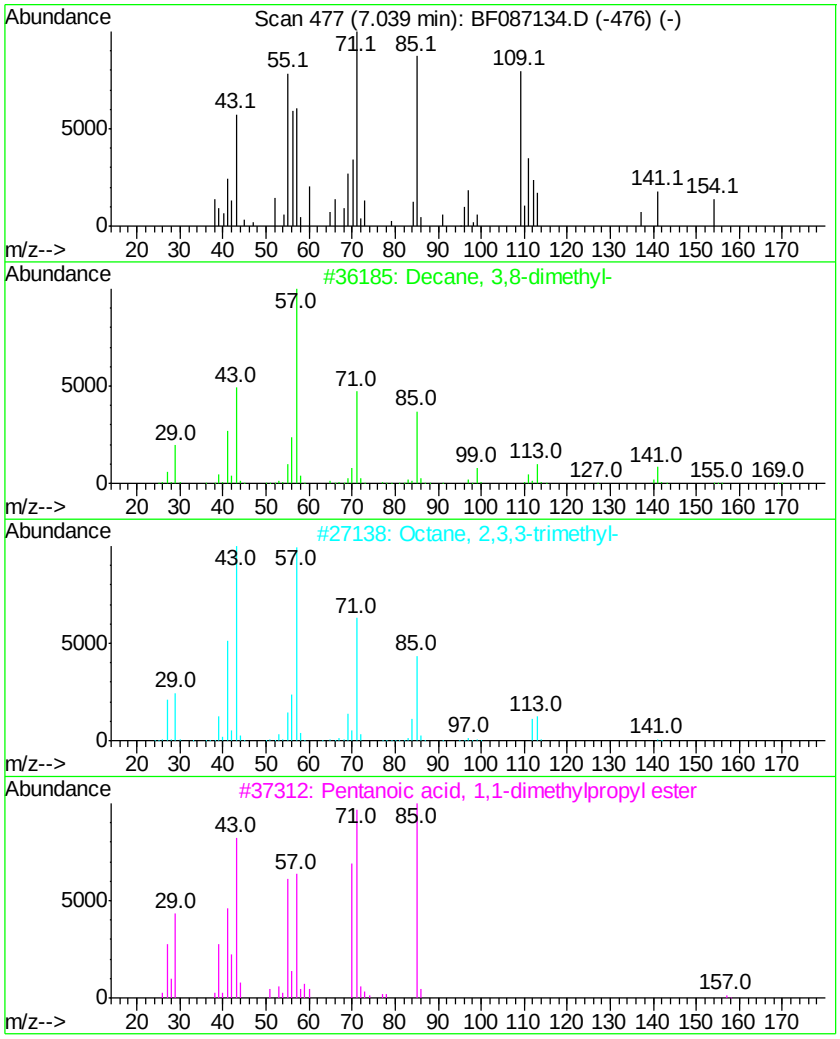
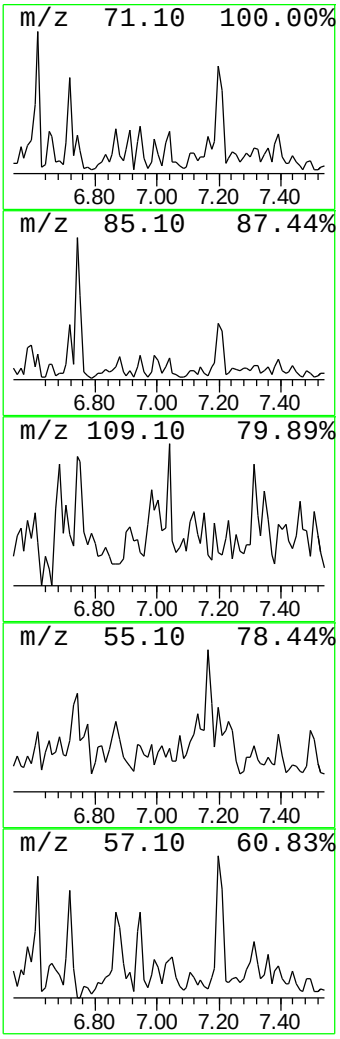
Peak Number 9 unknown7.04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.75 ng	245805	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
2	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	37
3	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	35
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	25
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	25





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

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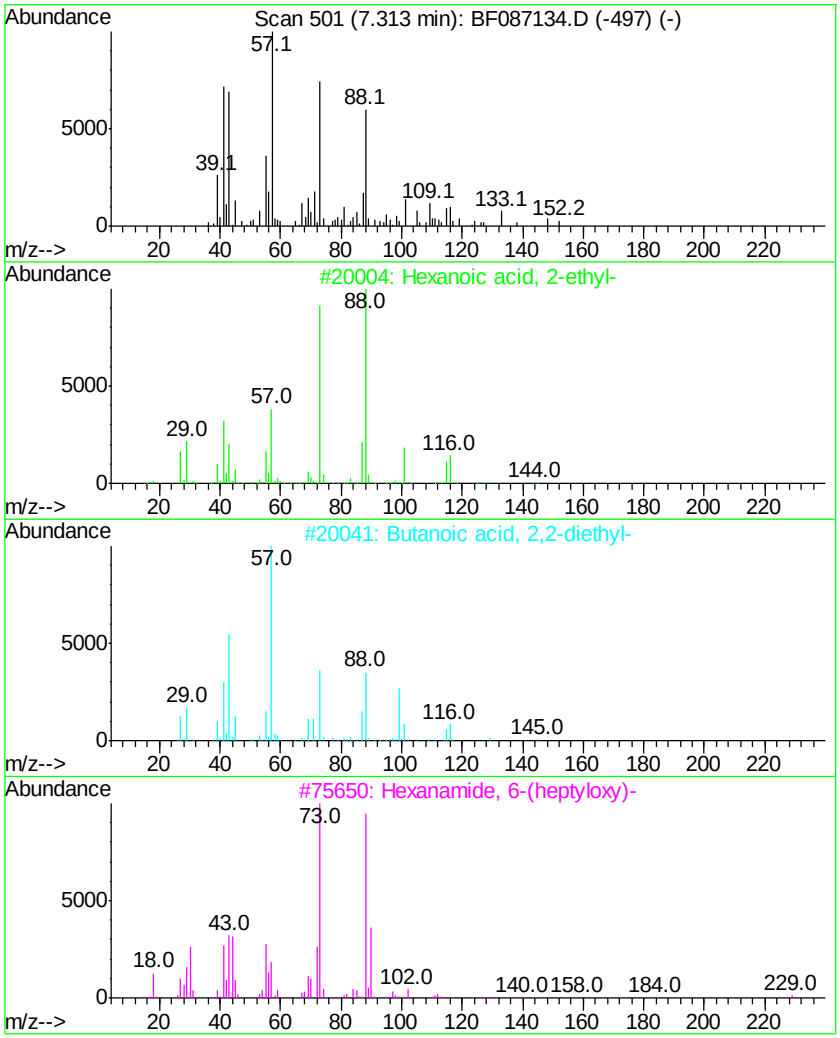
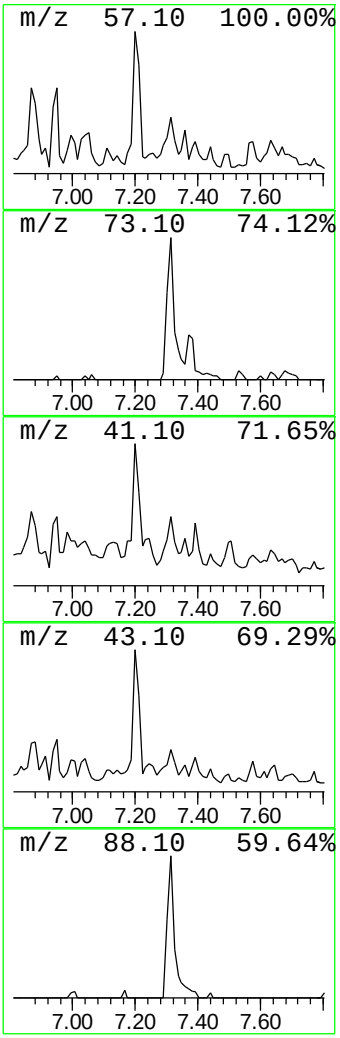
Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	4.52 ng	318781	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
2	Butanoic acid, 2,2-diethyl-	144	C8H16O2	000813-58-1	50
3	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	38
4	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	38
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	25





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Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

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TIC Library : C:\DATABASE\NIST02.L
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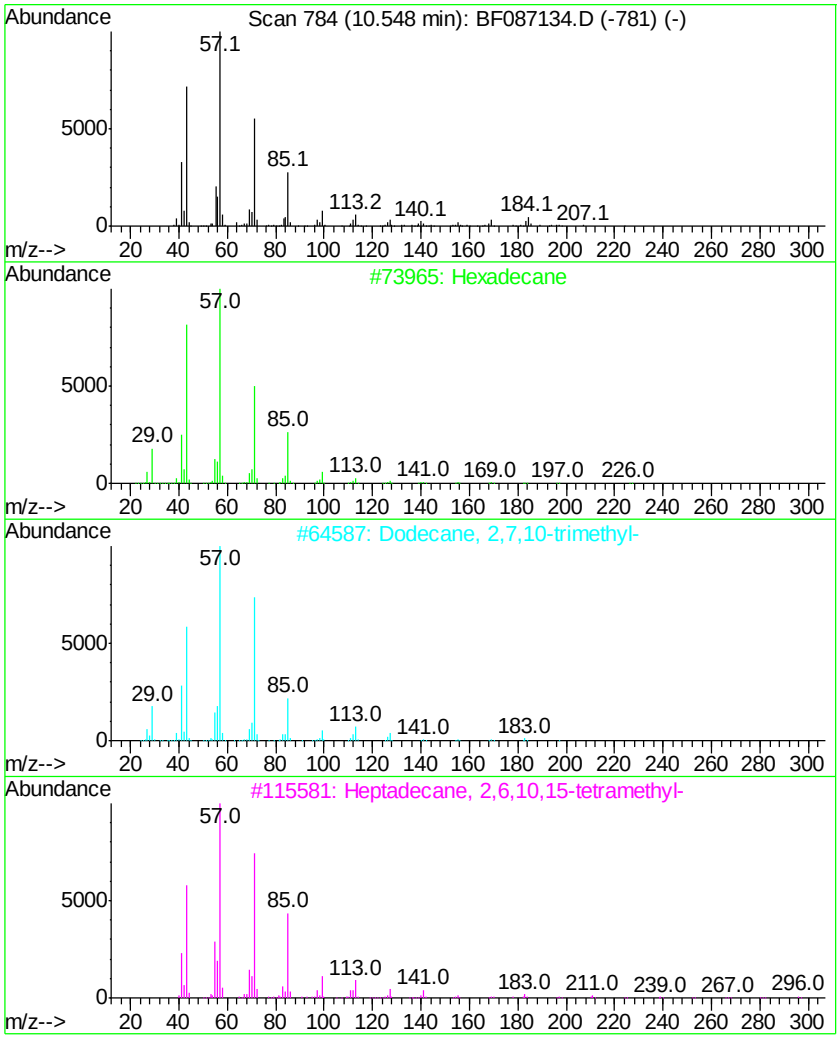
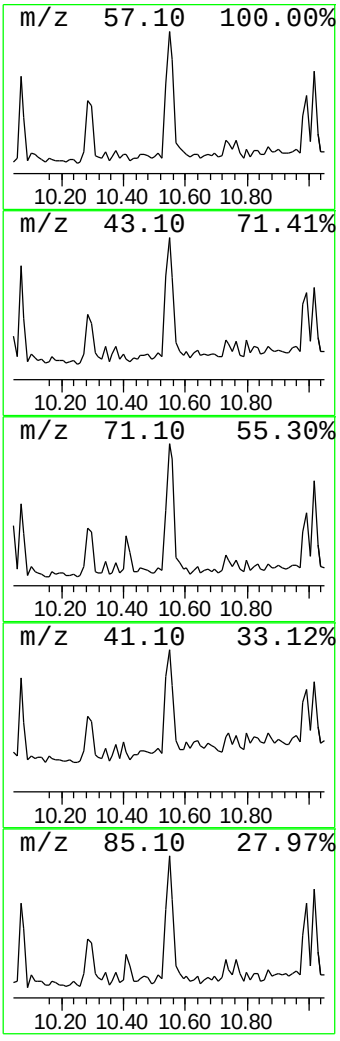
Peak Number 11 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	5.81 ng	472954	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	68
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





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Sample : H3038-03
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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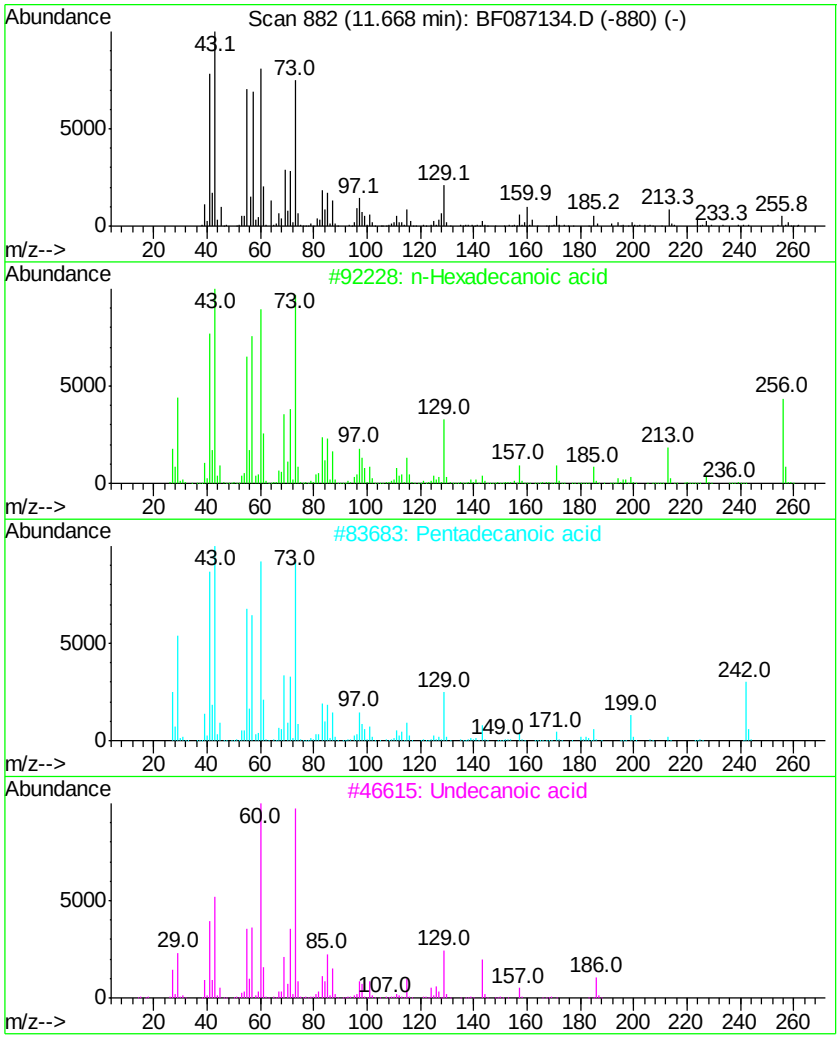
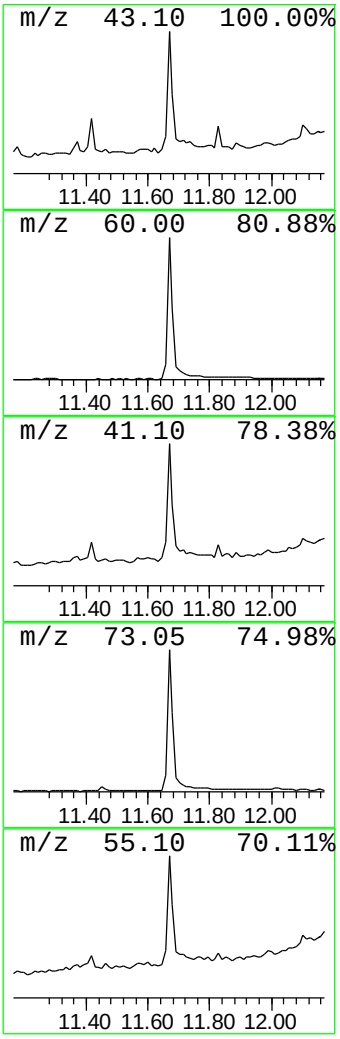
Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	13.44 ng	1094930	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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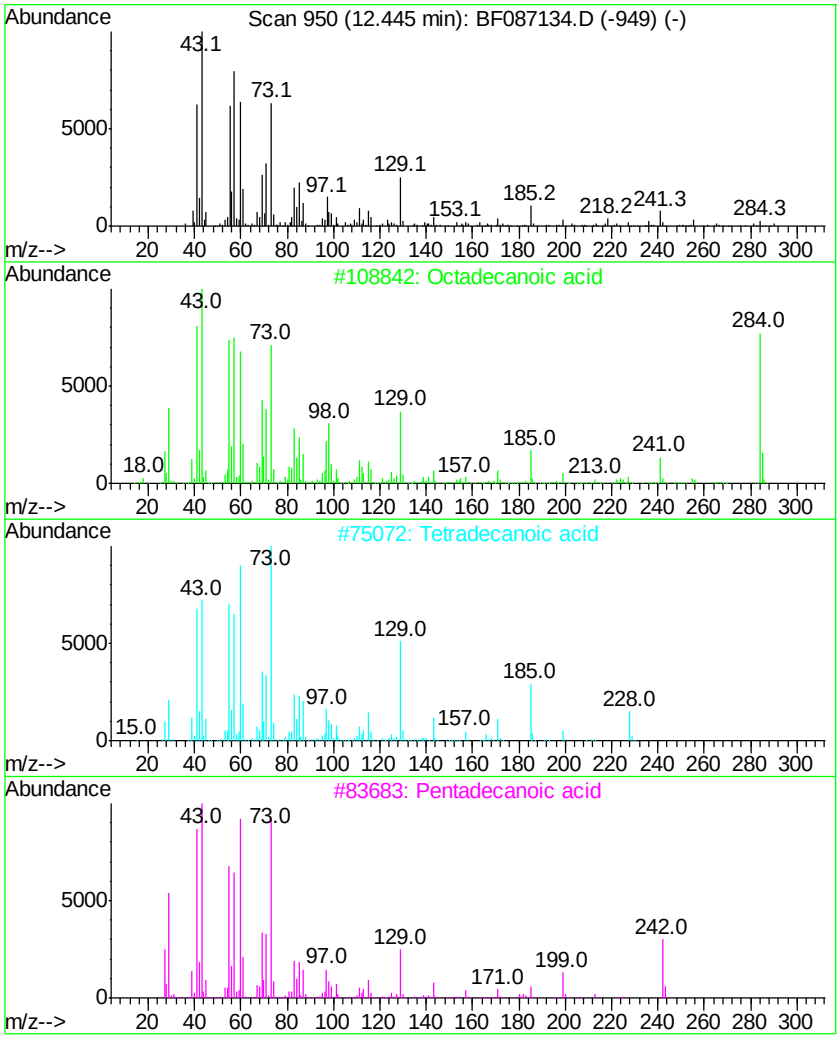
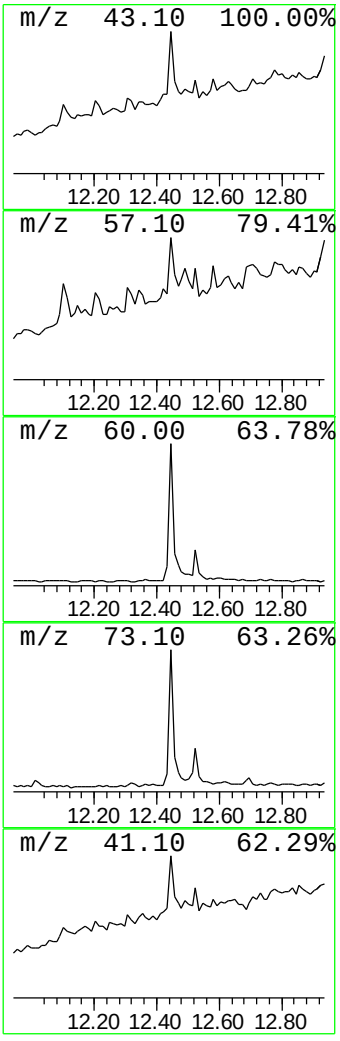
Peak Number 13 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.40 ng	317480	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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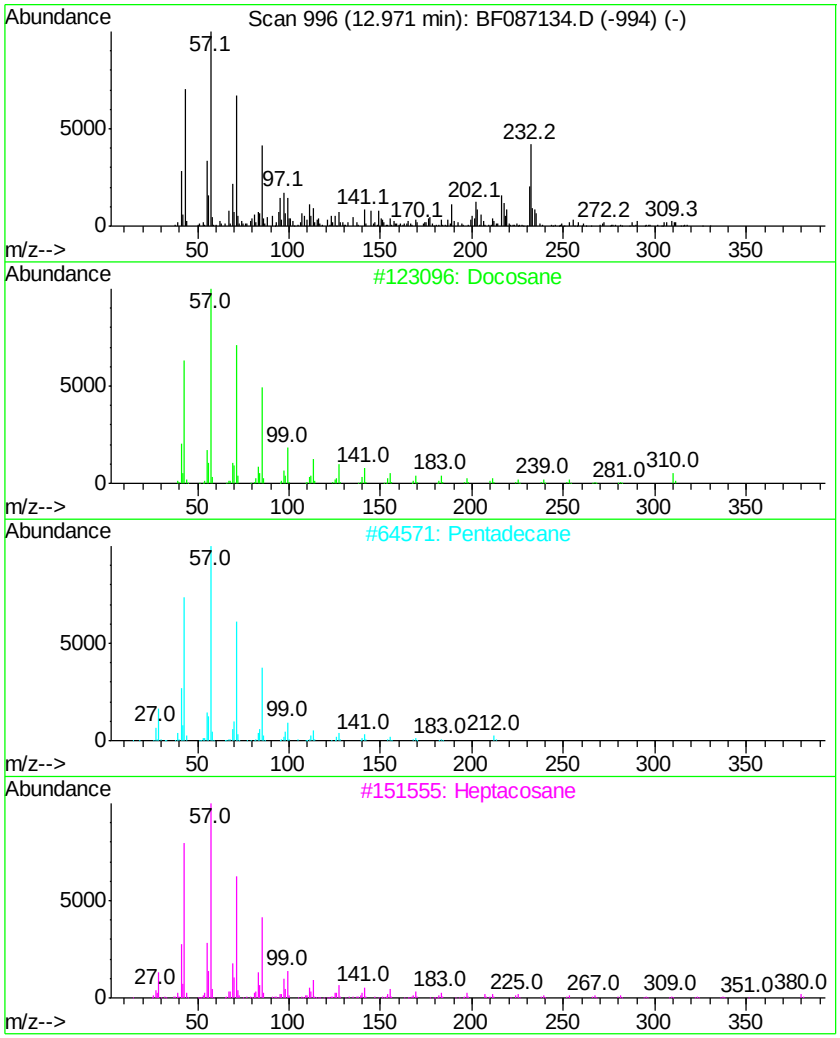
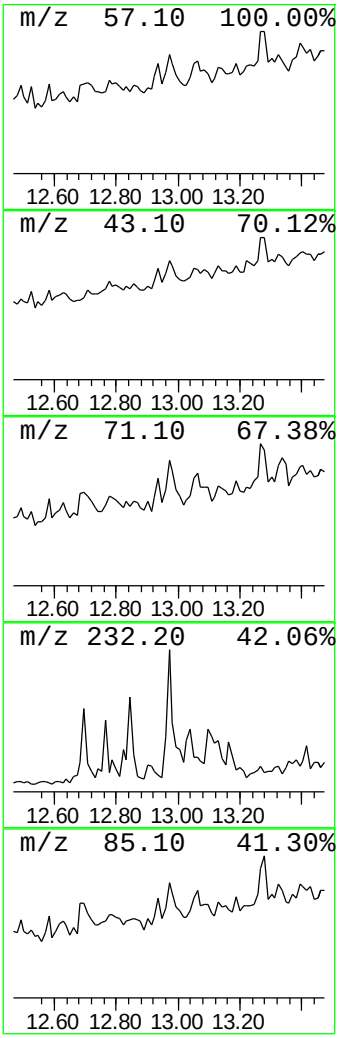
Peak Number 14 Docosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.52 ng	328897	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Pentadecane	212	C15H32	000629-62-9	56
3	Heptacosane	380	C27H56	000593-49-7	42
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	42
5	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	38





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Instrument : BNA_F
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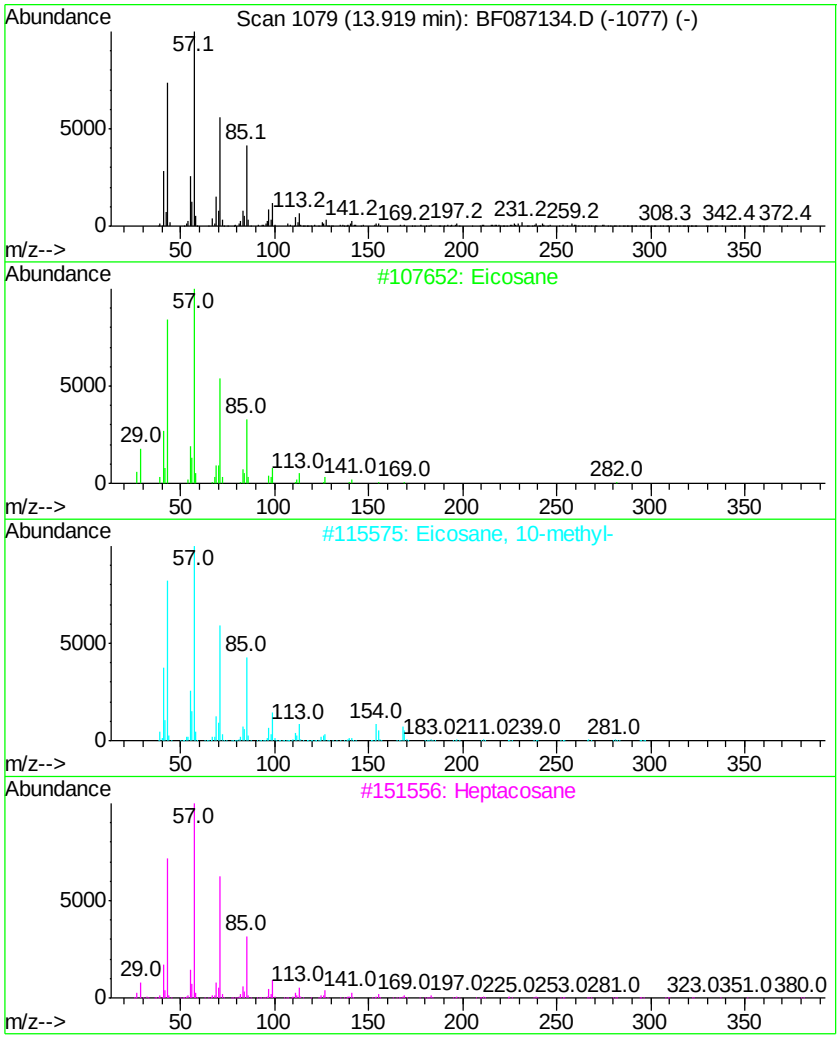
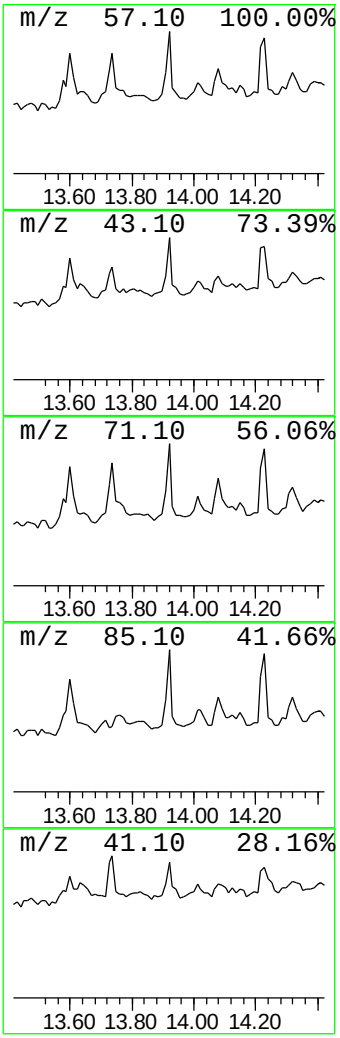
Peak Number 15 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.13 ng	385717	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





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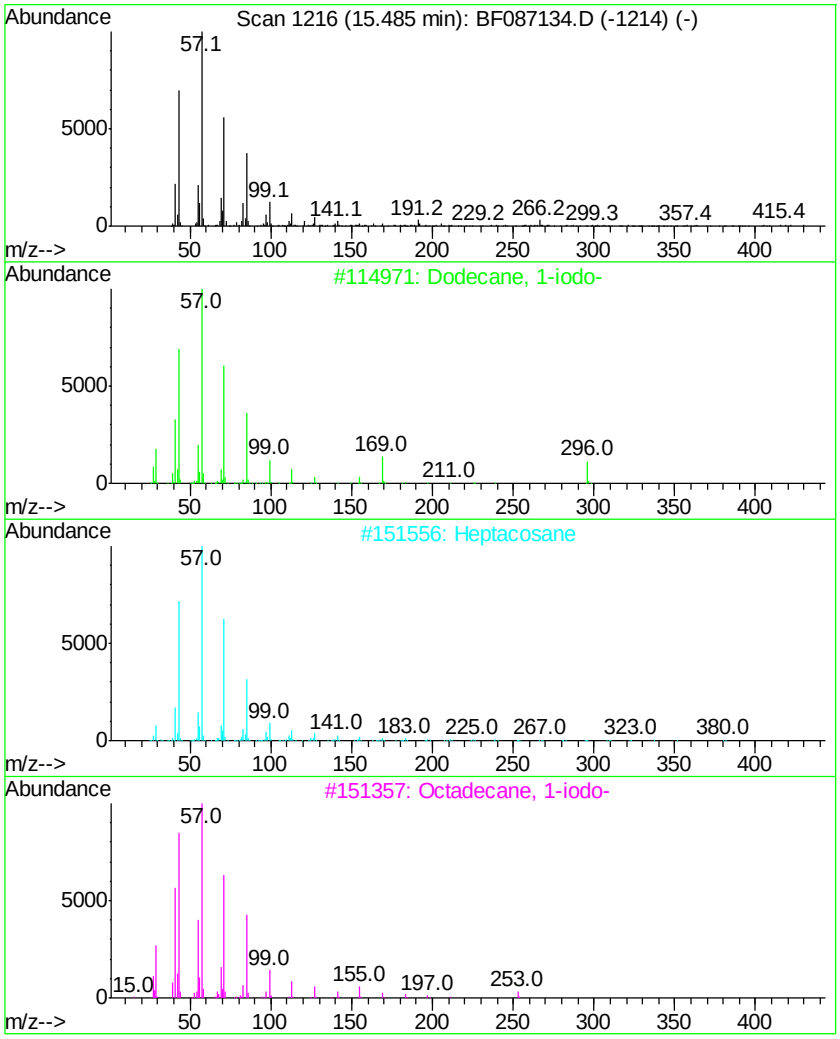
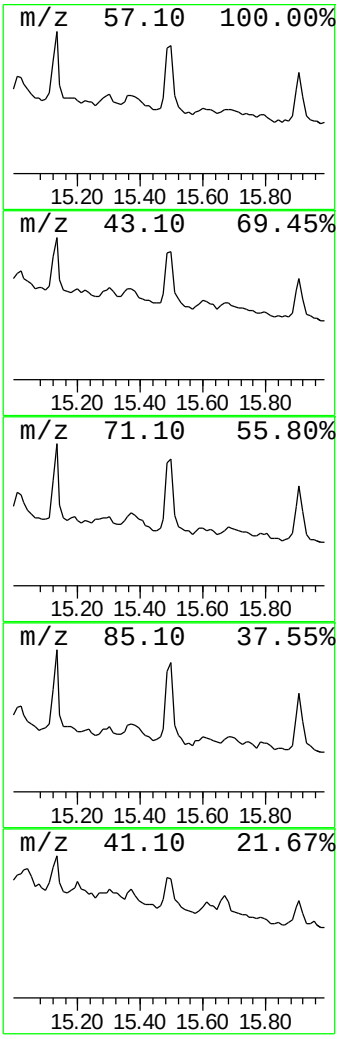
Peak Number 18 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	11.09 ng	838360	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
2	Heptacosane	380	C27H56	000593-49-7	83
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	80





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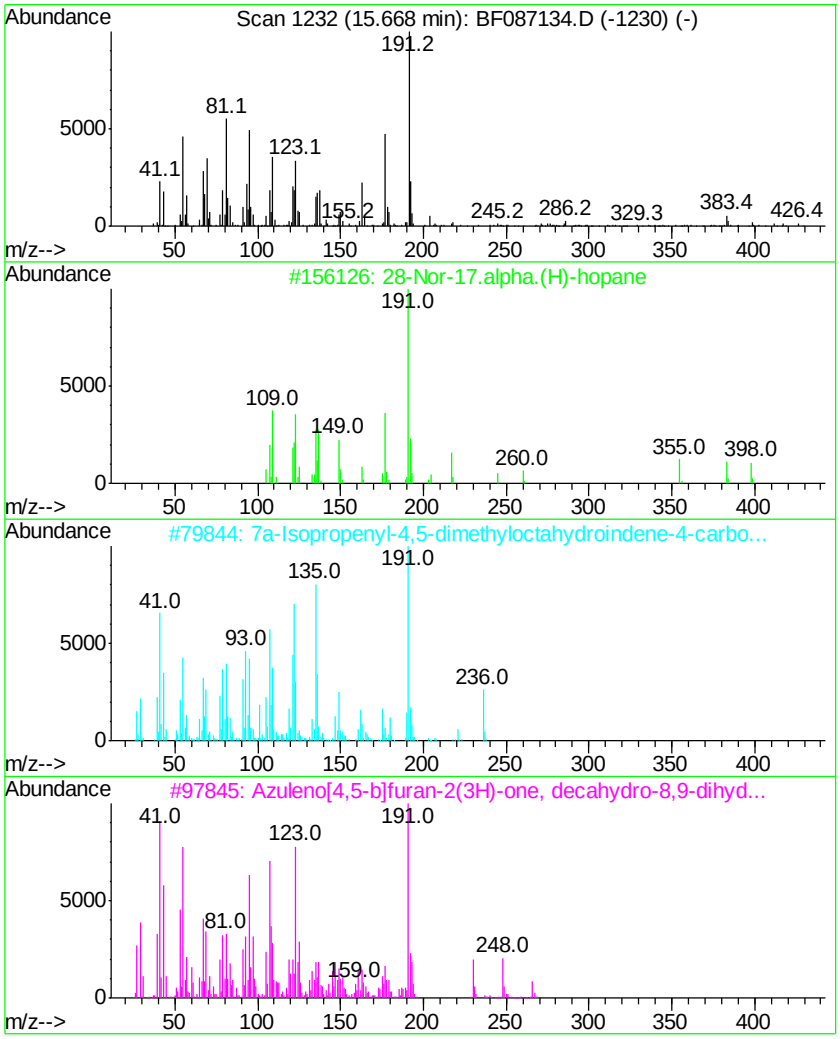
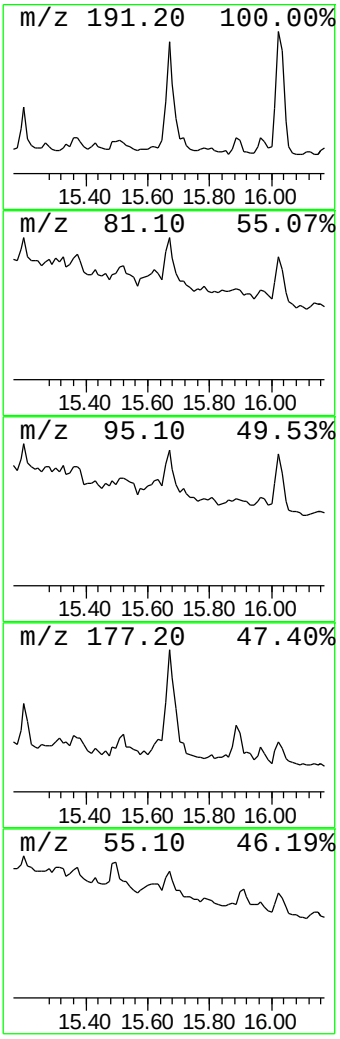
Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	11.35 ng	858068	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	42
3	Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	40
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35
5	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	35





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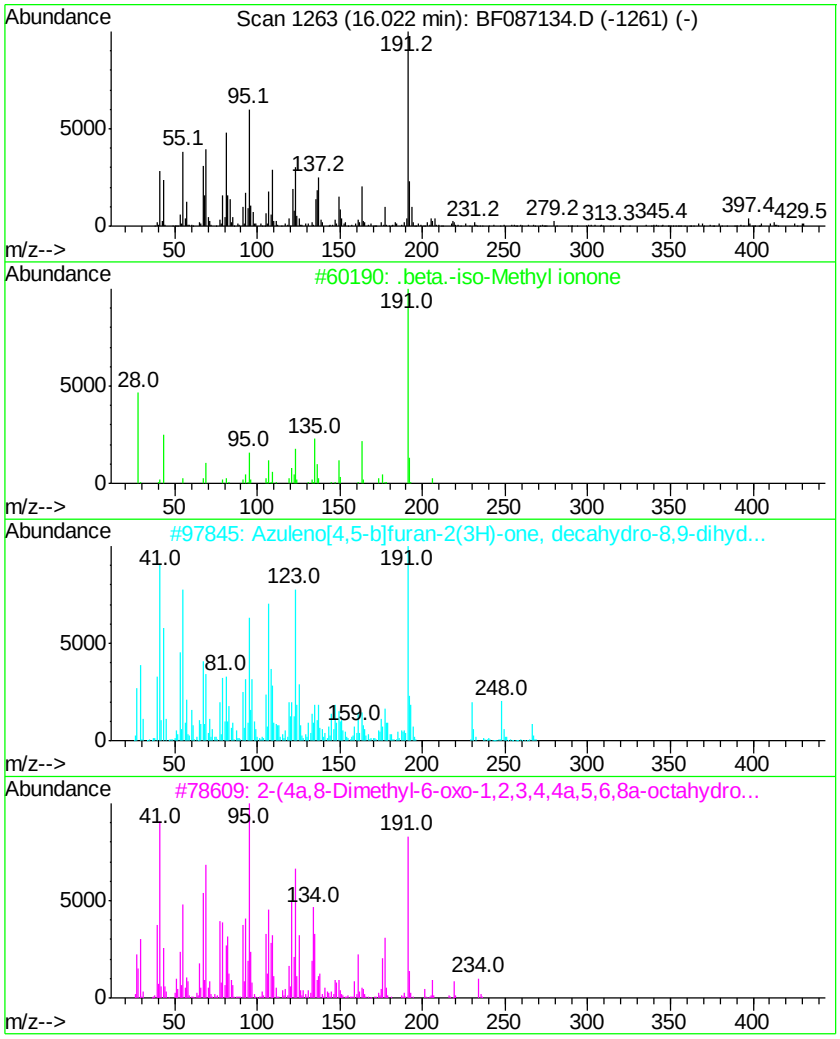
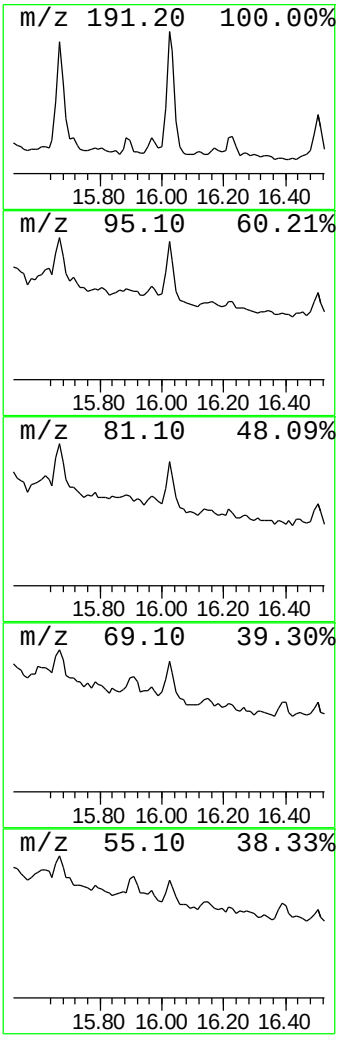
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.72 ng	734353	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	42
3	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	40
4	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	38
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087134.D
Acq On : 18 May 2016 6:39
Operator : UM/SJ
Sample : H3038-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-1-N-WEST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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...	4.72	15.4	ng	1006130	1	6.59	1310720	20.0
Nonane, 3-methyl-	5.82	3.8	ng	250249	1	6.59	1310720	20.0
unknown6.36	6.36	62.0	ng	4064470	1	6.59	1310720	20.0
Decane	6.43	5.7	ng	375037	1	6.59	1310720	20.0
Heptane, 2,2-dime...	6.87	6.1	ng	399694	1	6.59	1310720	20.0
Naphthalene, deca...	6.98	5.0	ng	325582	1	6.59	1310720	20.0
unknown7.04	7.04	3.8	ng	245805	1	6.59	1310720	20.0
Hexanoic acid, 2-...	7.31	4.5	ng	318781	2	7.88	1411980	20.0
Hexadecane	10.55	5.8	ng	472954	4	11.11	1629390	20.0
n-Hexadecanoic acid	11.67	13.4	ng	1094930	4	11.11	1629390	20.0
Octadecanoic acid	12.44	3.4	ng	317480	5	13.74	1866360	20.0
Docosane	12.97	3.5	ng	328897	5	13.74	1866360	20.0
Eicosane	13.92	4.1	ng	385717	5	13.74	1866360	20.0
Dodecane, 1-iodo-	15.49	11.1	ng	838360	6	15.10	1511360	20.0
28-Nor-17.alpha.(...	15.67	11.4	ng	858068	6	15.10	1511360	20.0
.beta.-iso-Methyl...	16.02	9.7	ng	734353	6	15.10	1511360	20.0