LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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	3032409	6052633	100.00%	8.521%
2	4.719	272	274	288	rBV	571106	1313347	21.70%	1.849%
3	5.119	304	309	312	rBV	24868	63520	1.05%	0.089%
4	5.187	312	315	317	rBV	4637186	5223435	86.30%	7.354%
5	5.393	331	333	337	rVB3	33938	62374	1.03%	0.088%
6	5.462	337	339	342	rBV	52333	64543	1.07%	0.091%
7	5.564	344	348	351	rBV3	99676	241129	3.98%	0.339%
8	5.702	358	360	363	rVB2	113569	171539	2.83%	0.242%
9	5.770	363	366	368	rBV2	118993	208676	3.45%	0.294%
10	5.816	368	370	373	rVB	279634	393086	6.49%	0.553%
11	5.873	373	375	376	rBV	160960	168938	2.79%	0.238%
12	5.896	376	377	381	rVB3	94393	117769	1.95%	0.166%
13	6.010	384	387	389	rBV3	105599	236046	3.90%	0.332%
14	6.090	391	394	400	rVB5	116526	392202	6.48%	0.552%
15	6.182	400	402	404	rBV2	96421	175728	2.90%	0.247%
16	6.227	404	406	407	rBV	81957	138724	2.29%	0.195%
17	6.273	407	410	412	rVV	4170796	5852507	96.69%	8.240%
18	6.365	416	418	421	rVV	4356116	4949770	81.78%	6.969%
19	6.433	421	424	426	rVB2	264070	359513	5.94%	0.506%
20	6.525	429	432	433	rBV3	97533	145838	2.41%	0.205%
21	6.593	436	438	441	rVB2	1119105	1429030	23.61%	2.012%
22	6.650	441	443	445	rBV2	136696	254541	4.21%	0.358%
23	6.719	447	449	450	rVV	207285	295779	4.89%	0.416%
24	6.753	450	452	454	rVV	3315054	4121958	68.10%	5.803%
25	6.822	455	458	459	rBV2	72619	156236	2.58%	0.220%
26	6.867	459	462	465	rVB4	158301	275783	4.56%	0.388%
27	6.947	467	469	470	rBV	115718	165363	2.73%	0.233%
28	6.982	470	472	473	rBV	87890	70932	1.17%	0.100%
29	7.016	473	475	476	rBV2	44645	69917	1.16%	0.098%
30	7.176	485	489	490	rBV	2526927	3649734	60.30%	5.138%
31	7.199	490	491	493	rVV	167534	202196	3.34%	0.285%
32	7.245	493	495	497	rVB3	126844	207551	3.43%	0.292%
33	7.313	497	501	503	rBV	169235	274404	4.53%	0.386%
34	7.359	503	505	507	rBV3	72947	108415	1.79%	0.153%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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	7.393	507	508	511	rVB	183230	202558	3.35%	0.285%
36	7.462	511	514	515	rBV2	42646	80737	1.33%	0.114%
37	7.508	515	518	521	rVB3	88294	163671	2.70%	0.230%
38	7.576	521	524	526	rBV3	32622	68489	1.13%	0.096%
39	7.702	533	535	537	rVB2	54072	86769	1.43%	0.122%
40	7.873	548	550	553	rVV	1033667	1447172	23.91%	2.037%
41	8.170	573	576	580	rBV4	34493	62811	1.04%	0.088%
42	8.319	586	589	593	rVB2	43939	87694	1.45%	0.123%
43	8.479	601	603	606	rBV	46249	69009	1.14%	0.097%
44	8.673	618	620	627	rBV2	80498	157588	2.60%	0.222%
45	8.959	642	645	648	rBV	3995270	4764961	78.73%	6.708%
46	9.051	650	653	655	rVB2	78874	91975	1.52%	0.129%
47	9.291	672	674	676	rBV3	51313	79253	1.31%	0.112%
48	9.359	678	680	684	rVB	671225	645336	10.66%	0.909%
49	9.485	689	691	694	rBV	37417	65925	1.09%	0.093%
50	9.576	697	699	701	rBV	231139	202509	3.35%	0.285%
51	9.633	701	704	705	rBV	866796	1235169	20.41%	1.739%
52	9.828	715	721	723	rBV5	75380	197124	3.26%	0.278%
53	9.862	723	724	726	rVV2	102945	139431	2.30%	0.196%
54	9.896	726	727	729	rVB	86234	64172	1.06%	0.090%
55	9.942	729	731	733	rBV2	29960	65542	1.08%	0.092%
56	10.045	737	740	741	rBV2	51784	103650	1.71%	0.146%
57	10.068	741	742	744	rVB	248955	259868	4.29%	0.366%
58	10.171	749	751	755	rBV4	49156	64274	1.06%	0.090%
59	10.296	759	762	764	rBV	138543	224550	3.71%	0.316%
60	10.422	770	773	775	rBV	2547994	2790829	46.11%	3.929%
61	10.548	782	784	787	rBV	380359	610841	10.09%	0.860%
62	10.742	799	801	805	rBV2	57433	104616	1.73%	0.147%
63	10.799	805	806	807	rBV	76002	63913	1.06%	0.090%
64	10.994	821	823	824	rBV	242600	302888	5.00%	0.426%
65	11.108	830	833	834	rBV	1085062	1006098	16.62%	1.416%
66	11.176	837	839	841	rBV2	95400	169216	2.80%	0.238%
67	11.416	858	860	861	rBV	277538	282564	4.67%	0.398%
68	11.679	880	883	884	rBV	952763	1364672	22.55%	1.921%
69	12.331	938	940	941	rBV	785014	666047	11.00%	0.938%
70	12.365	941	943	947	rVB4	213284	404194	6.68%	0.569%
71	12.445	949	950	954	rBV2	343283	558182	9.22%	0.786%

LSC Area Percent Report

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Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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	12.548	956	959	961	rBV2	716934	1008449	16.66%	1.420%
73	12.582	961	962	963	rVB	142244	99131	1.64%	0.140%
74	12.697	970	972	975	rBV	2931177	3084054	50.95%	4.342%
75	12.822	981	983	985	rBV	266080	358527	5.92%	0.505%
76	12.937	991	993	995	rBV2	223084	295498	4.88%	0.416%
77	13.177	1011	1014	1016	rVB2	523181	753738	12.45%	1.061%
78	13.234	1017	1019	1020	rBV	173327	173708	2.87%	0.245%
79	13.280	1021	1023	1024	rVV	219364	218540	3.61%	0.308%
80	13.737	1060	1063	1067	rBV2	1524592	2082388	34.40%	2.932%
81	13.920	1077	1079	1081	rBV	272590	319455	5.28%	0.450%
82	14.514	1129	1131	1133	rBV	290476	473311	7.82%	0.666%
83	14.811	1155	1157	1158	rVB	297430	284564	4.70%	0.401%
84	15.108	1180	1183	1189	rVB2	646976	1480778	24.47%	2.085%
85	15.497	1214	1217	1223	rVB	346541	797048	13.17%	1.122%
86	15.668	1230	1232	1241	rVB4	335111	955487	15.79%	1.345%
87	16.023	1261	1263	1271	rVB	305968	732233	12.10%	1.031%
88	16.583	1309	1312	1321	rVB	568822	1344992	22.22%	1.894%

Sum of corrected areas: 71029354

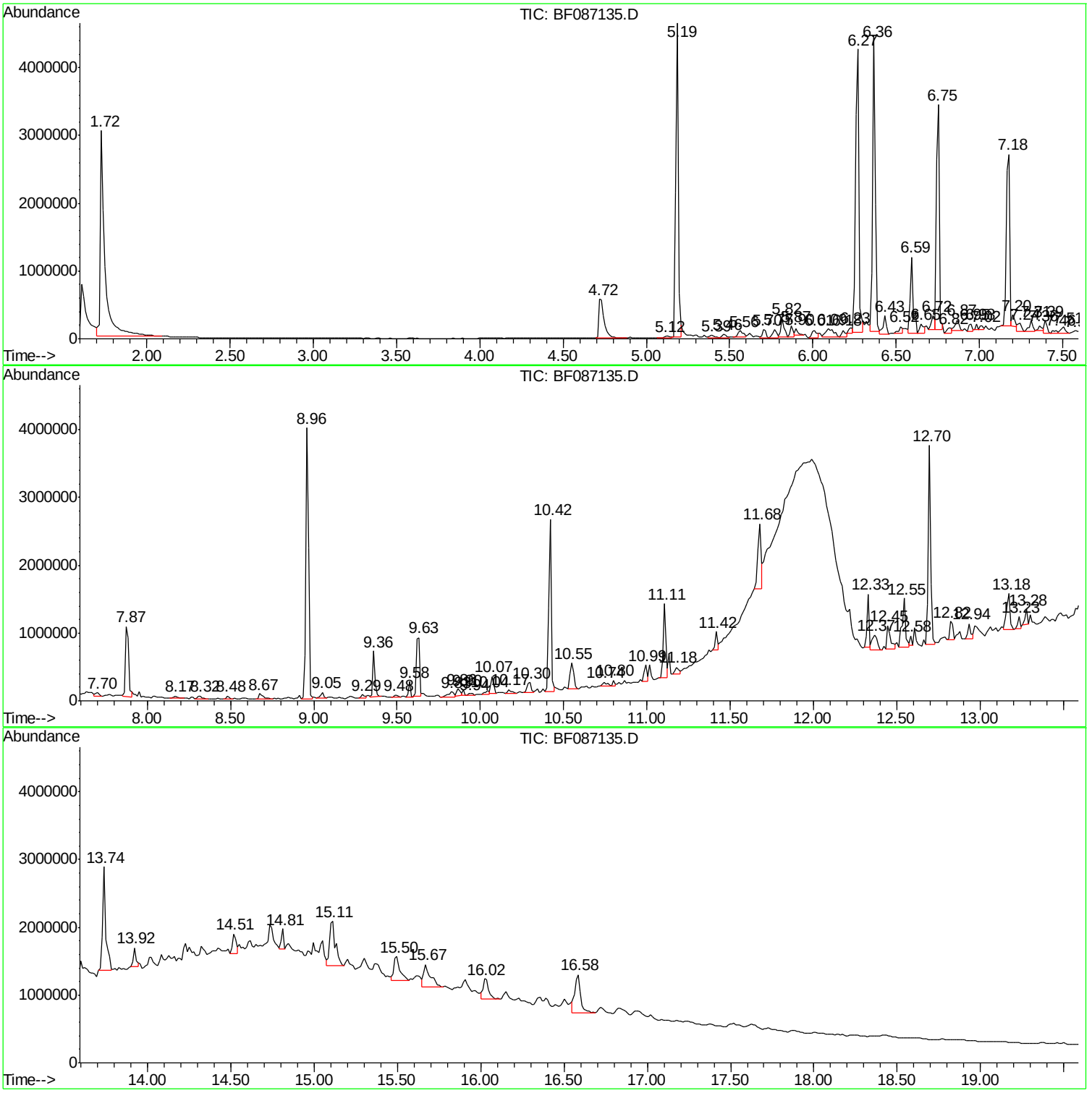
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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

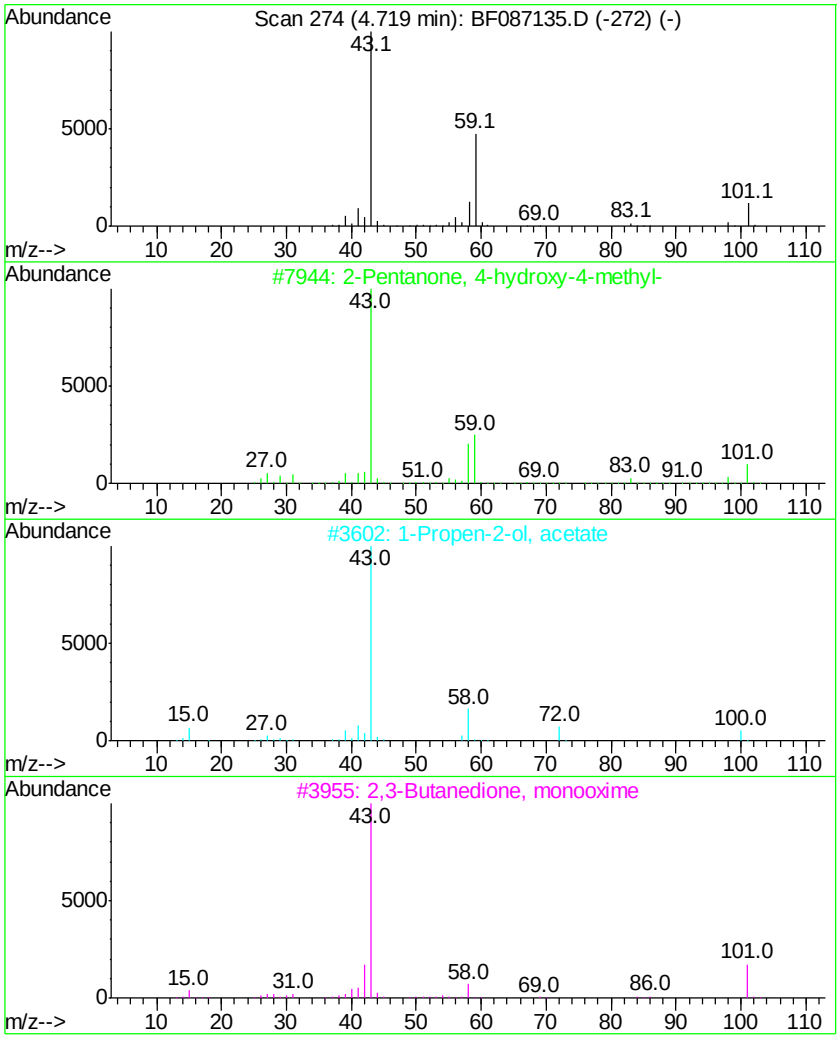
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

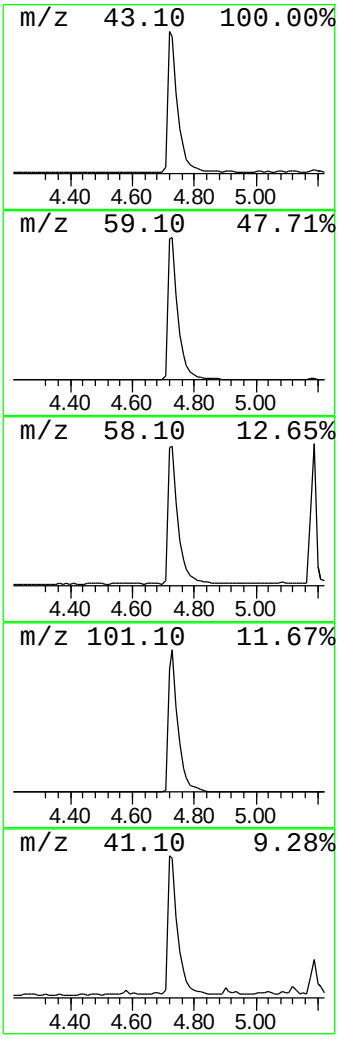
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	18.38 ng	1313350	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	45
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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

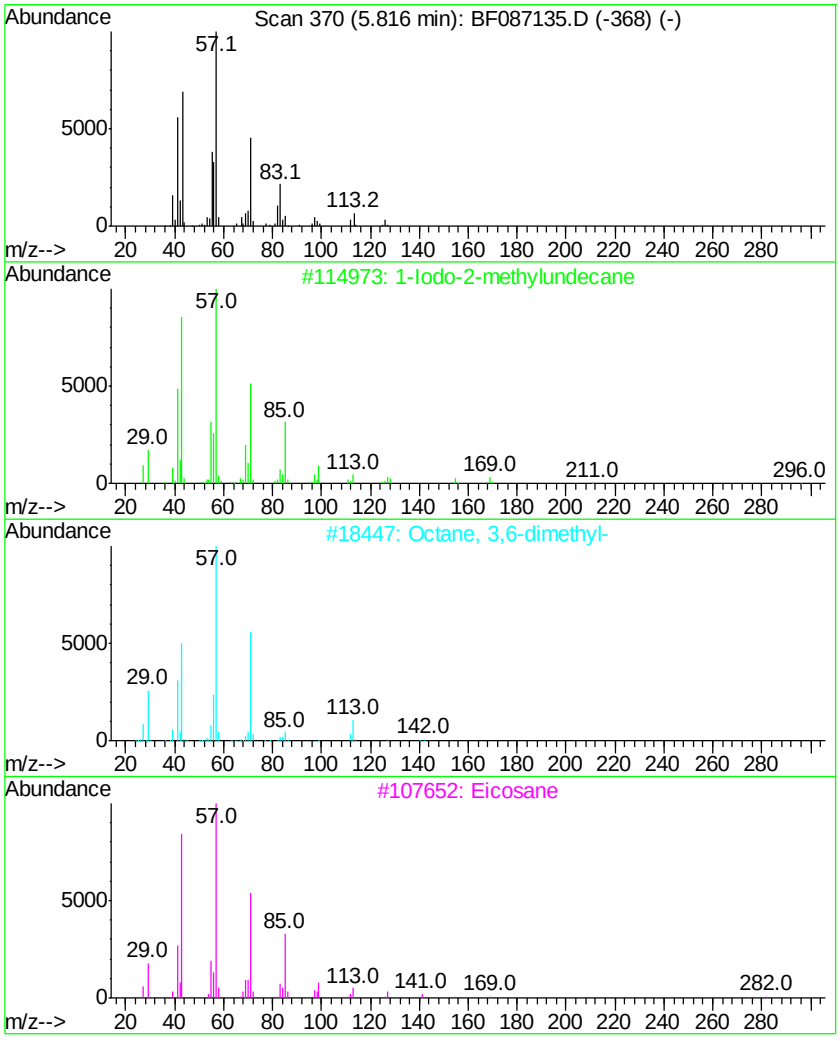
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

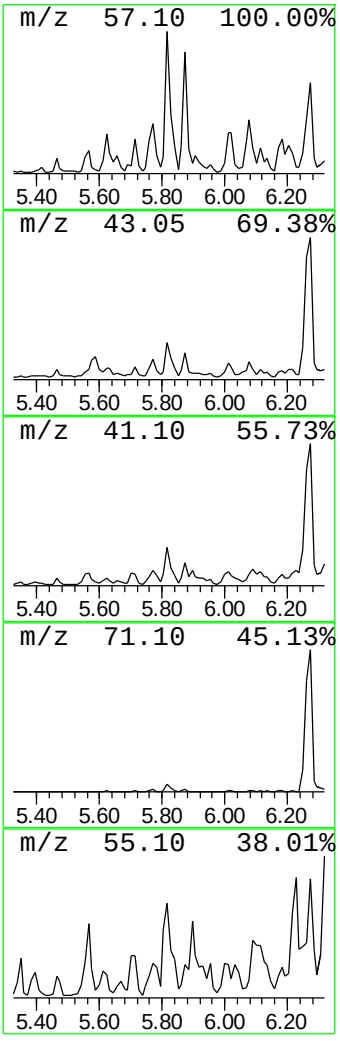
****

Peak Number 3 1-Iodo-2-methylundecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	5.50 ng	393086	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
3	Eicosane	282	C20H42	000112-95-8	50
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Hexadecane	226	C16H34	000544-76-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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

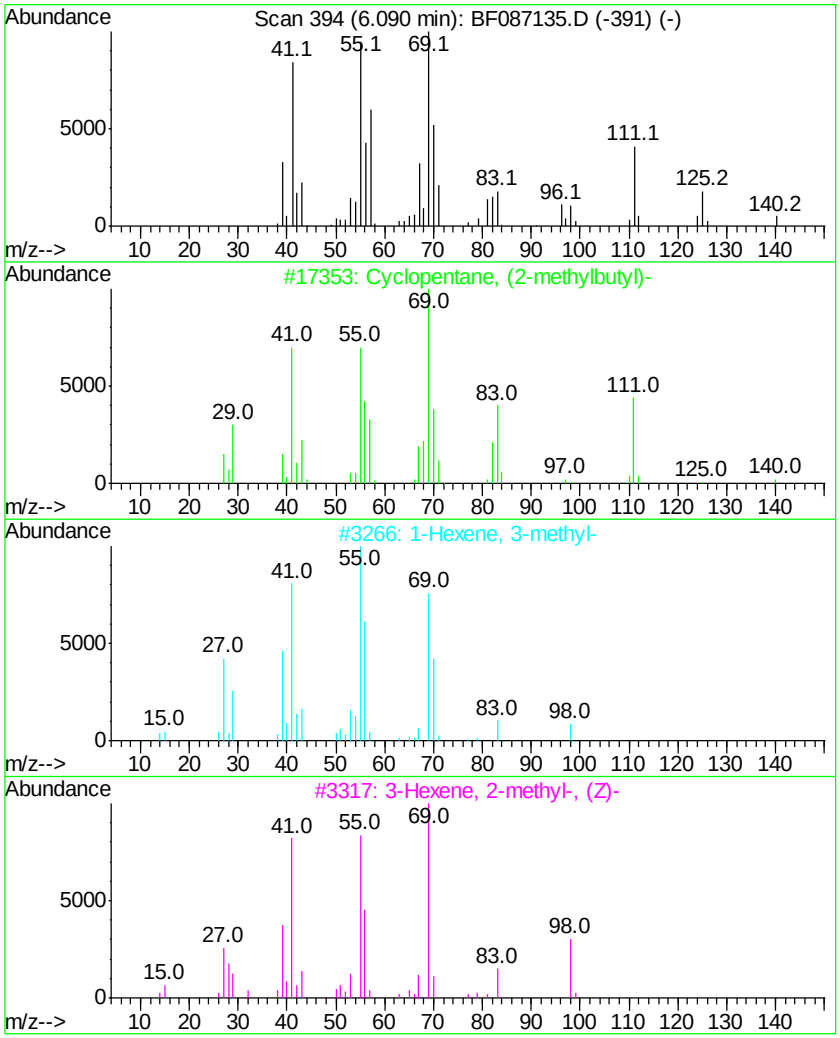
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

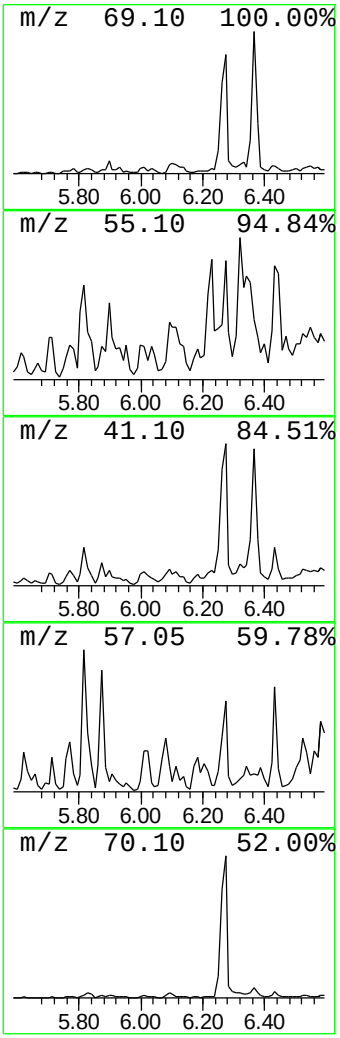
****

Peak Number 4 Cyclopentane, (2-methylbutyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	5.49 ng	392202	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	68
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	43
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	43
5	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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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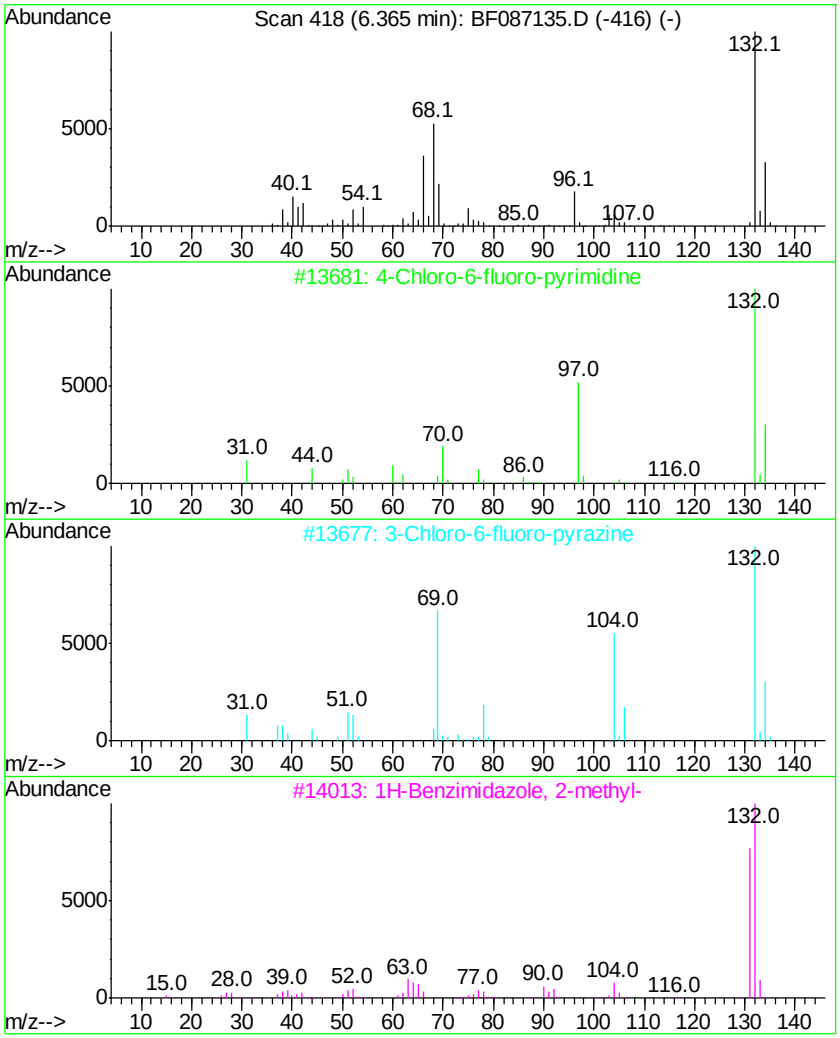
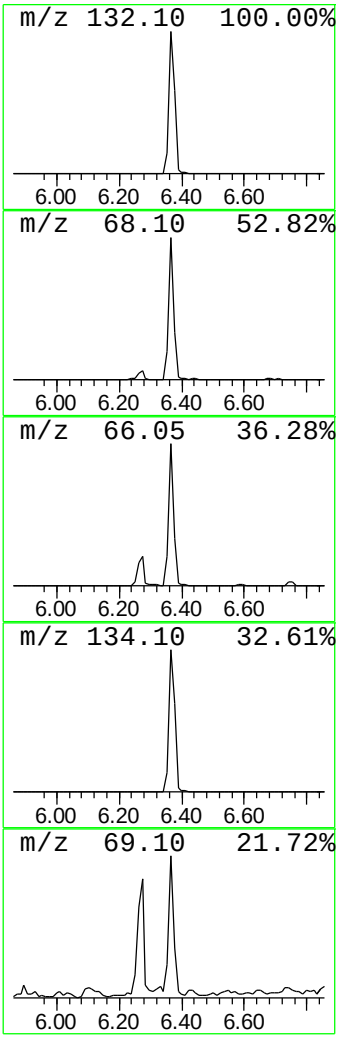
Peak Number 5 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	69.27 ng	4949770	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	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\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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

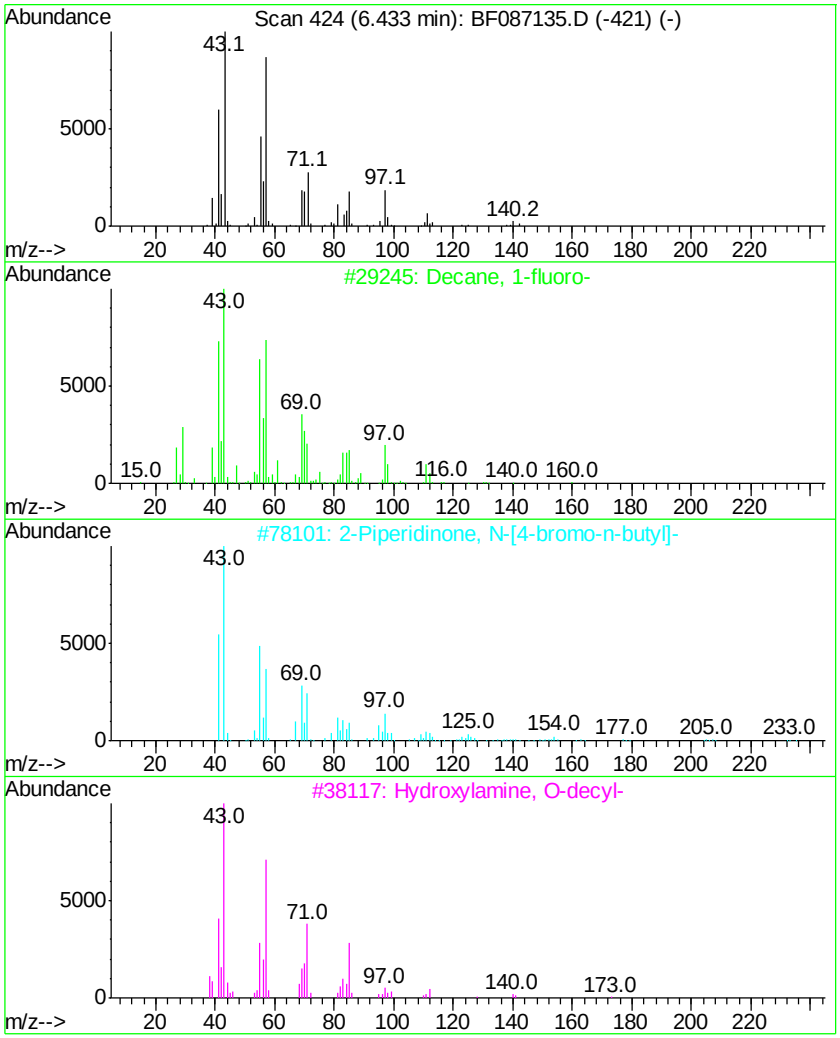
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

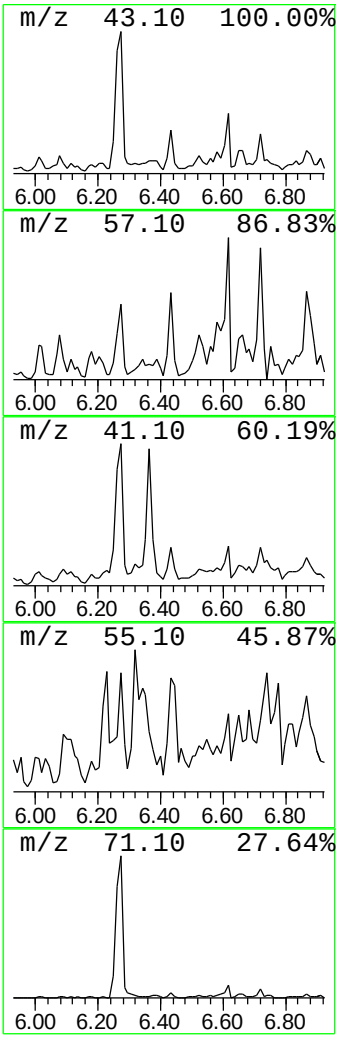
****

Peak Number 6 Decane, 1-fluoro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	5.03 ng	359513	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-fluoro-	160	C10H21F	000334-56-5	53
2	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	53
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
5	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EAST

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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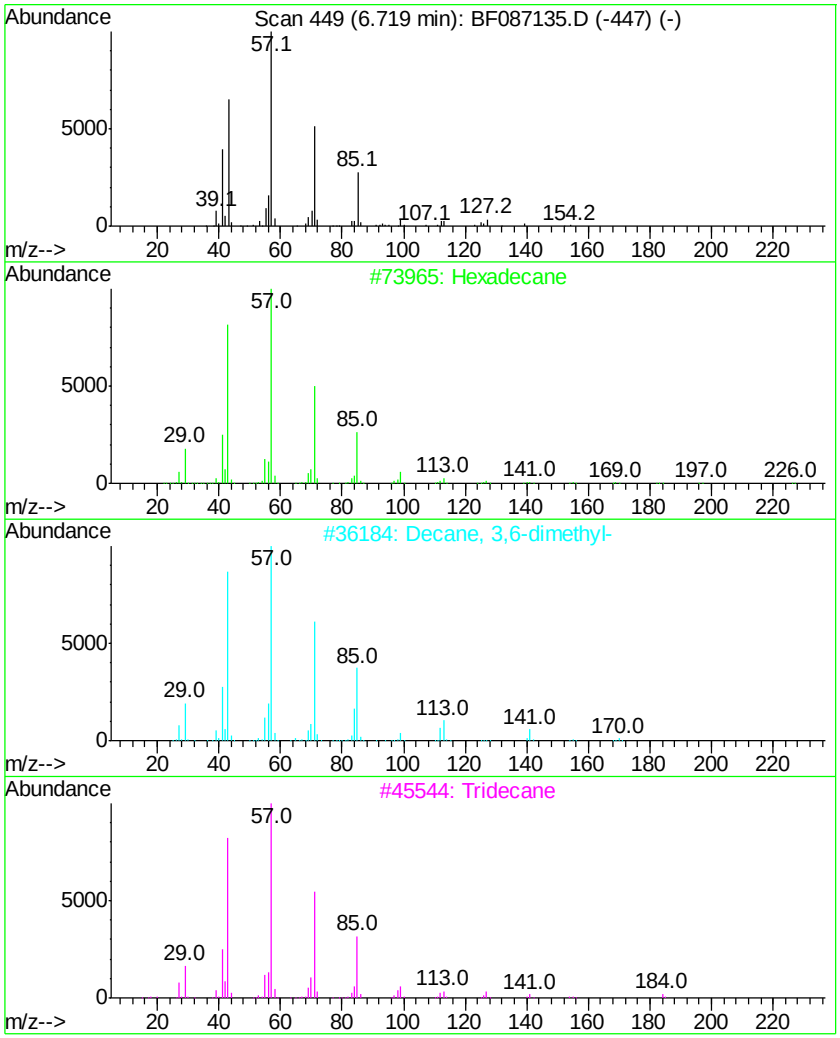
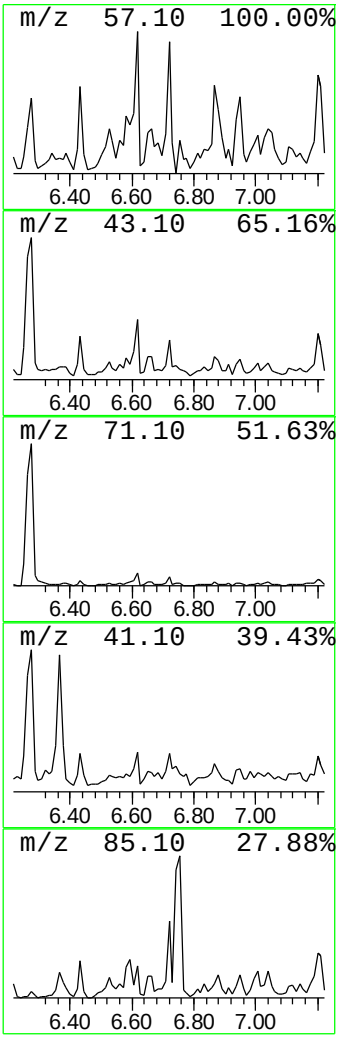
Peak Number 7 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	4.14 ng	295779	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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

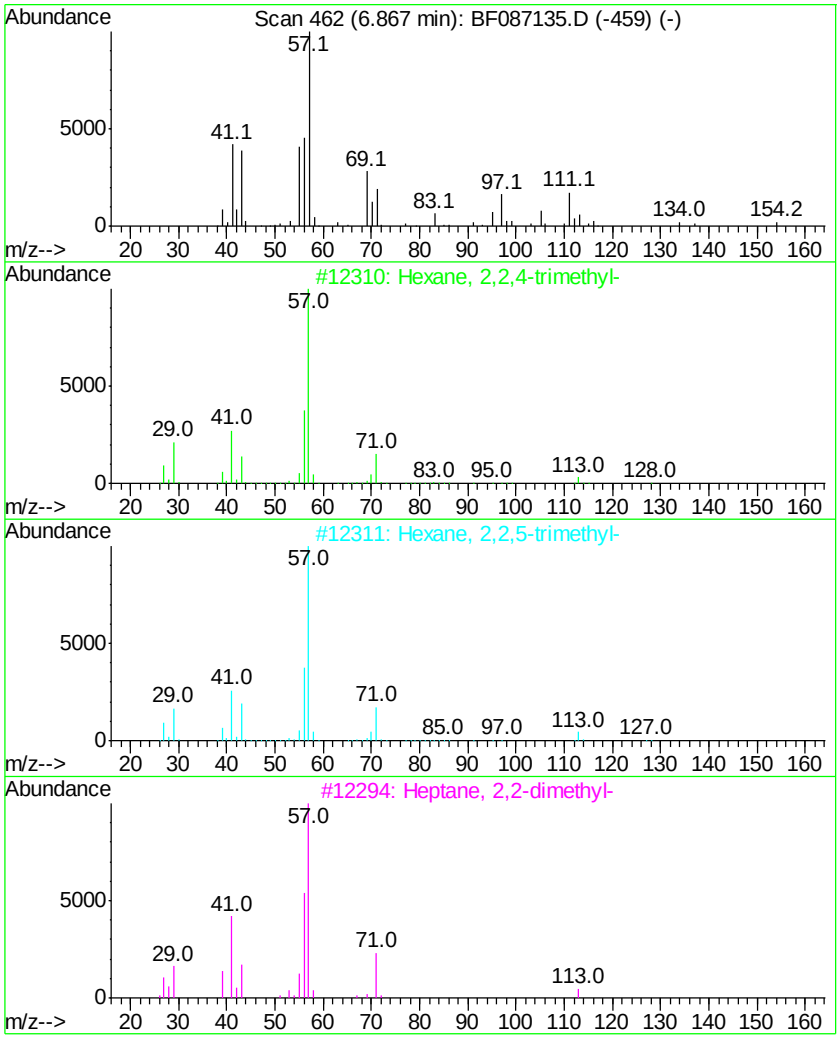
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

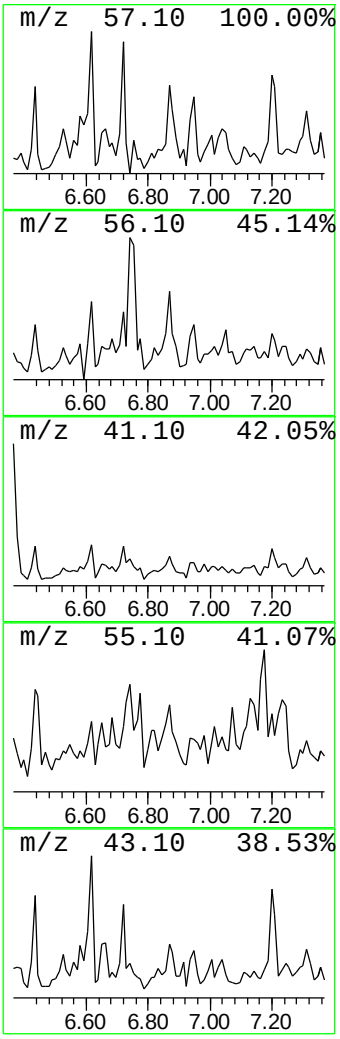
****

Peak Number 9 Hexane, 2,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	3.86 ng	275783	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	50
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	47





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Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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

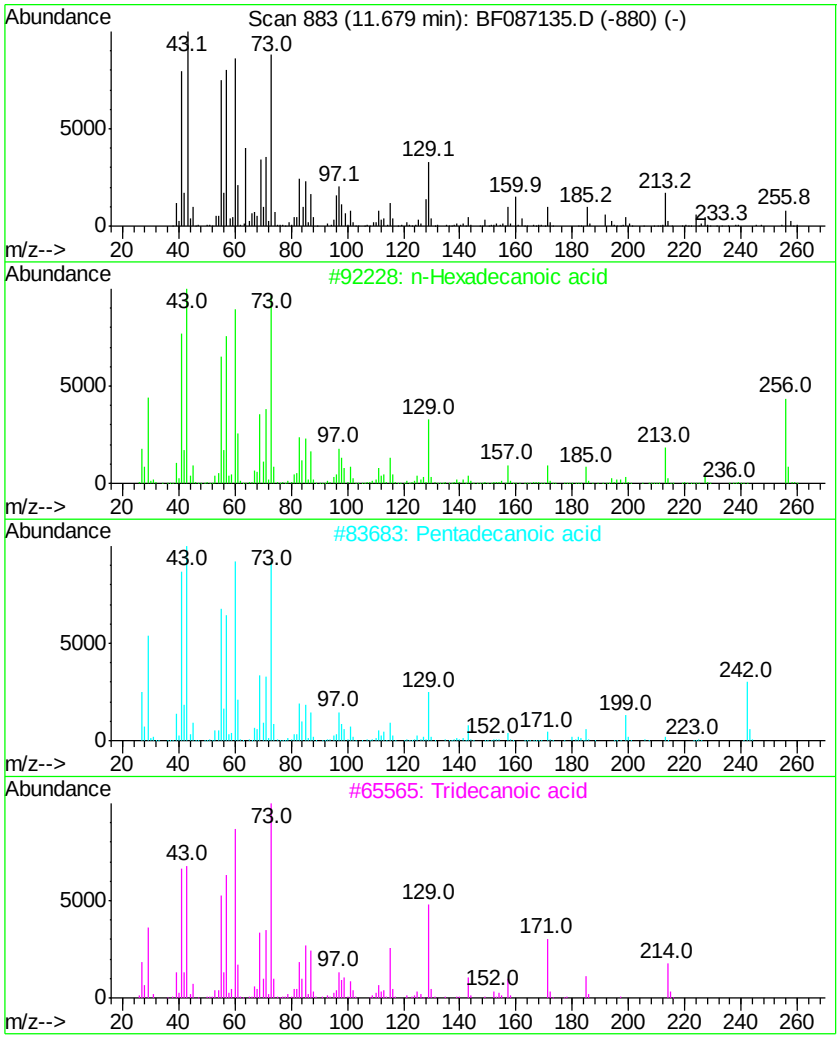
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

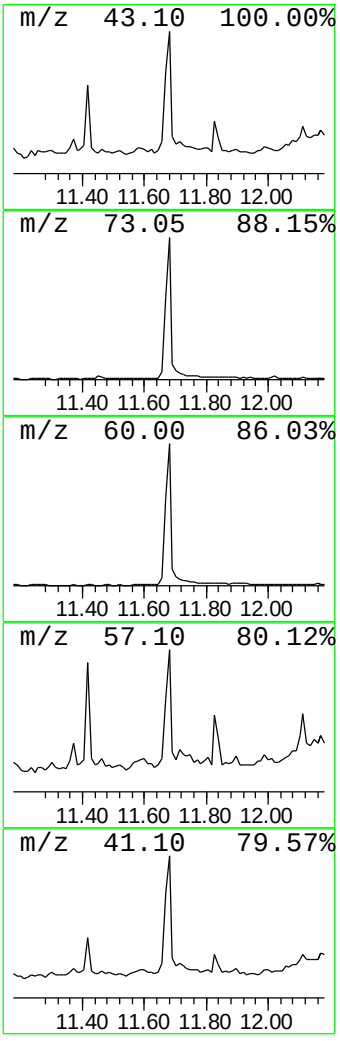
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	27.13 ng	1364670	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
3	Tridecanoic acid	214	C13H26O2	000638-53-9	42
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	41
5	Undecanoic acid	186	C11H22O2	000112-37-8	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
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Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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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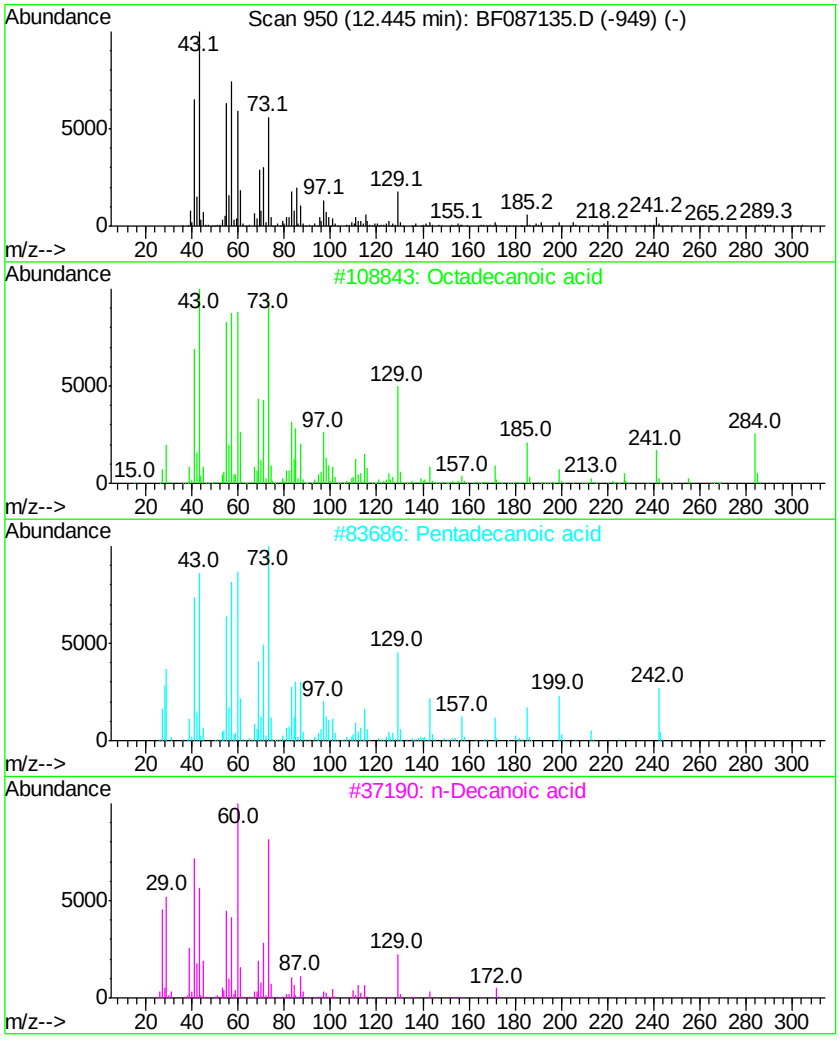
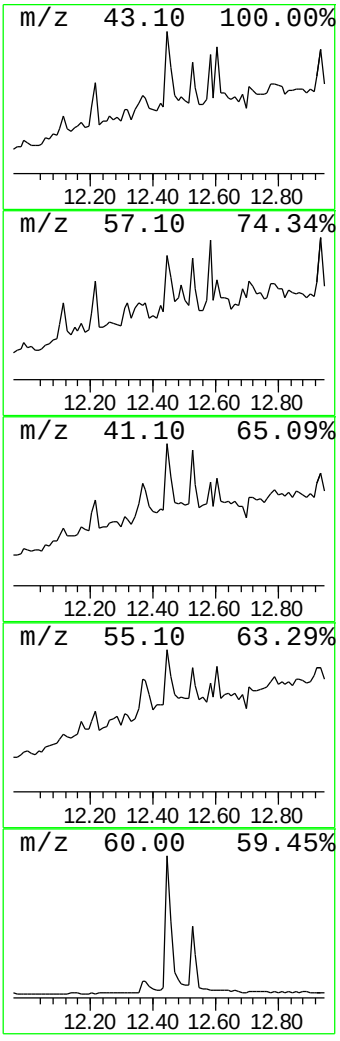
Peak Number 15 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.36 ng	558182	Chrysene-d12	13.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	49
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	38
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	38





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Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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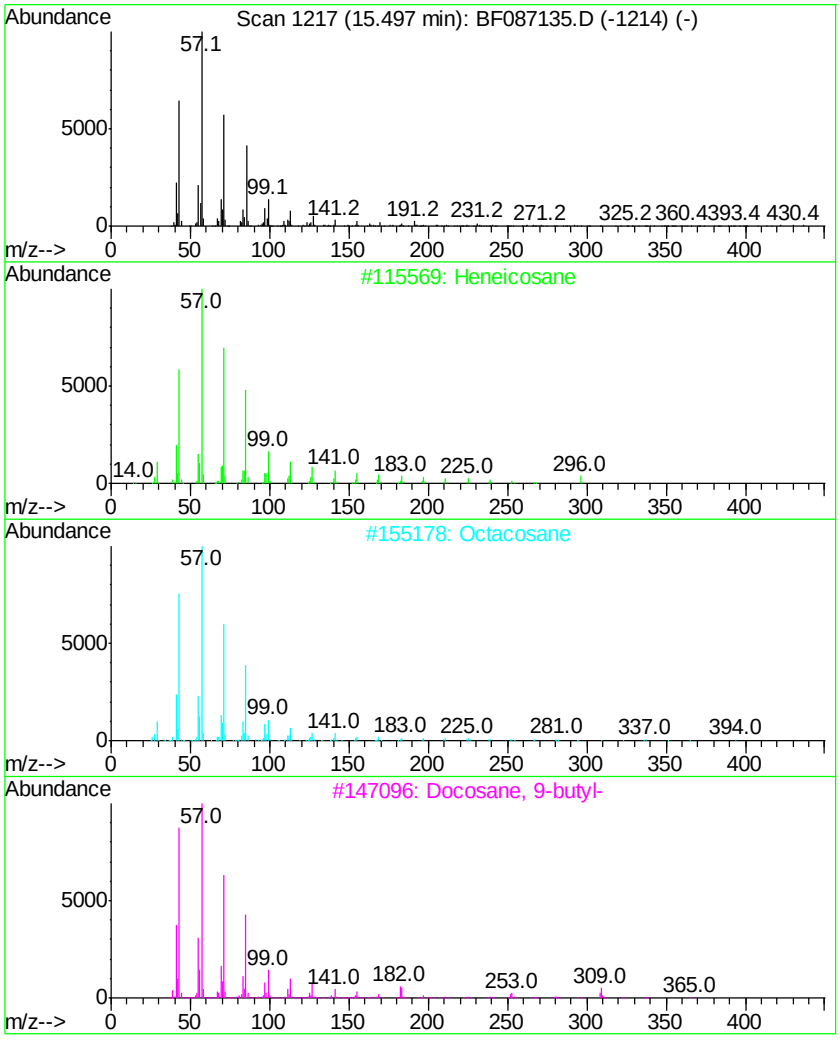
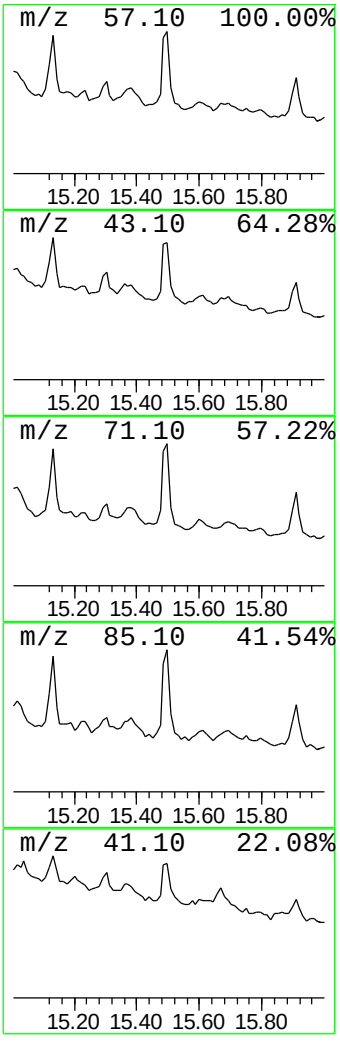
Peak Number 17 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	10.77 ng	797048	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Heptacosane	380	C27H56	000593-49-7	90





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Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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
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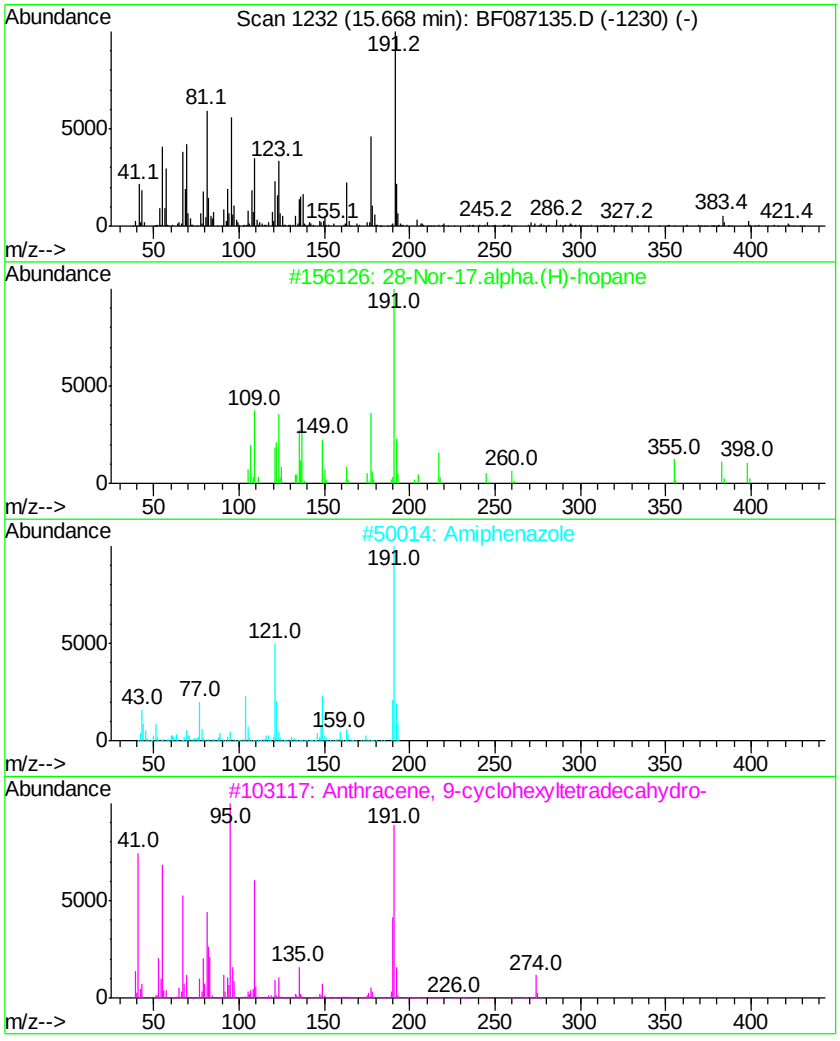
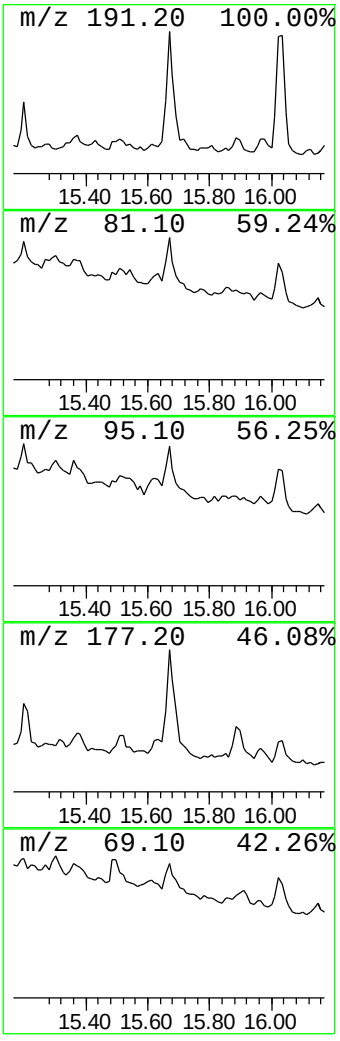
Peak Number 18 28-Nor-17.alpha.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	12.91 ng	955487	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	74
2	Amiphenazole	191	C9H9N3S	000490-55-1	27
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	25
4	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	25
5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	25





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Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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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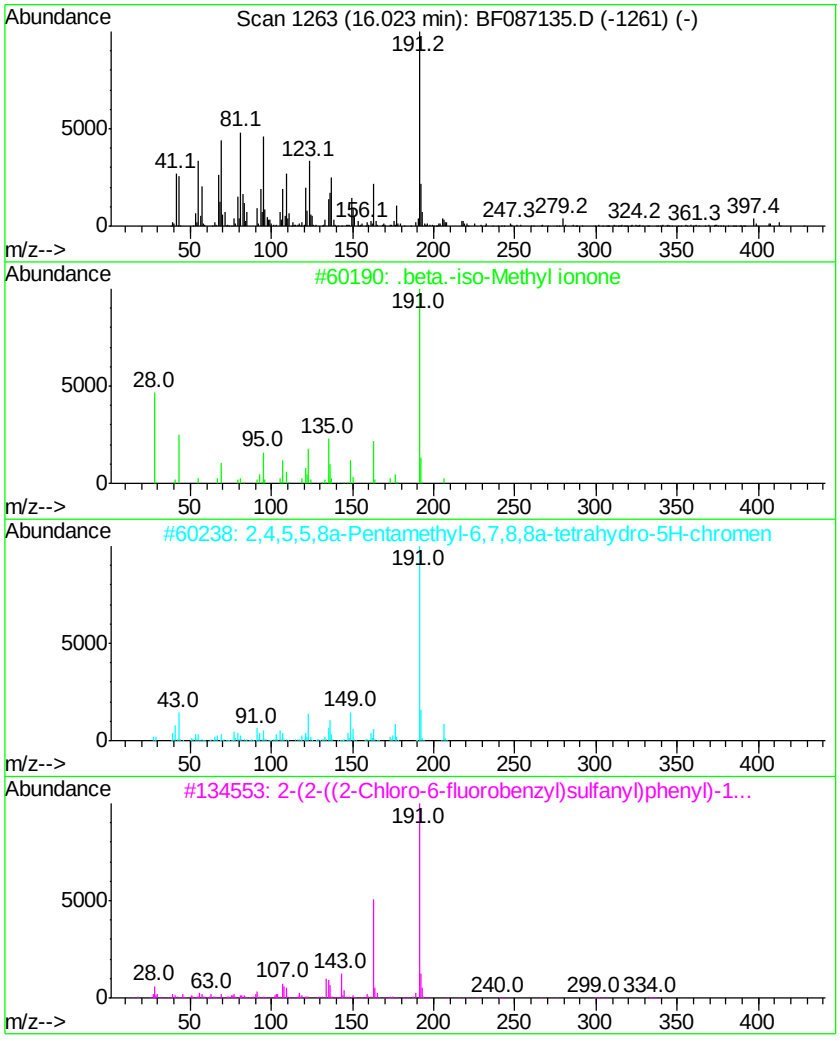
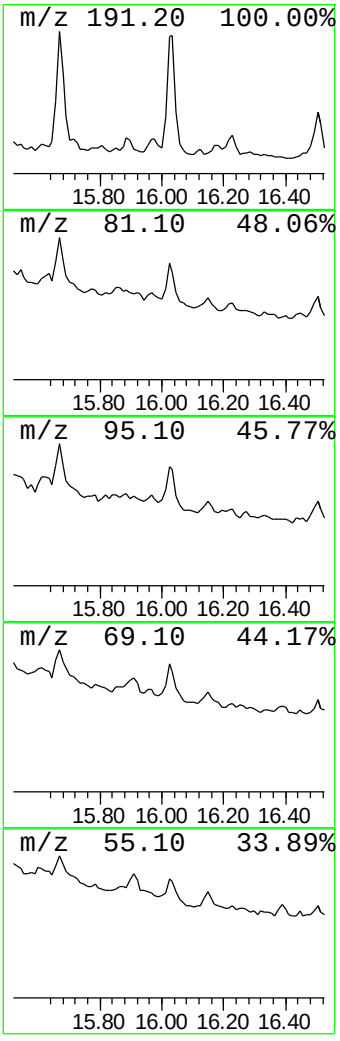
Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.89 ng	732233	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	70
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	37
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32
5	Acetamide, N-[3-[[(2,5-dioxo-1-p...	303	C16H21N3O3	027550-64-7	27





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Acq On : 18 May 2016 7:07
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Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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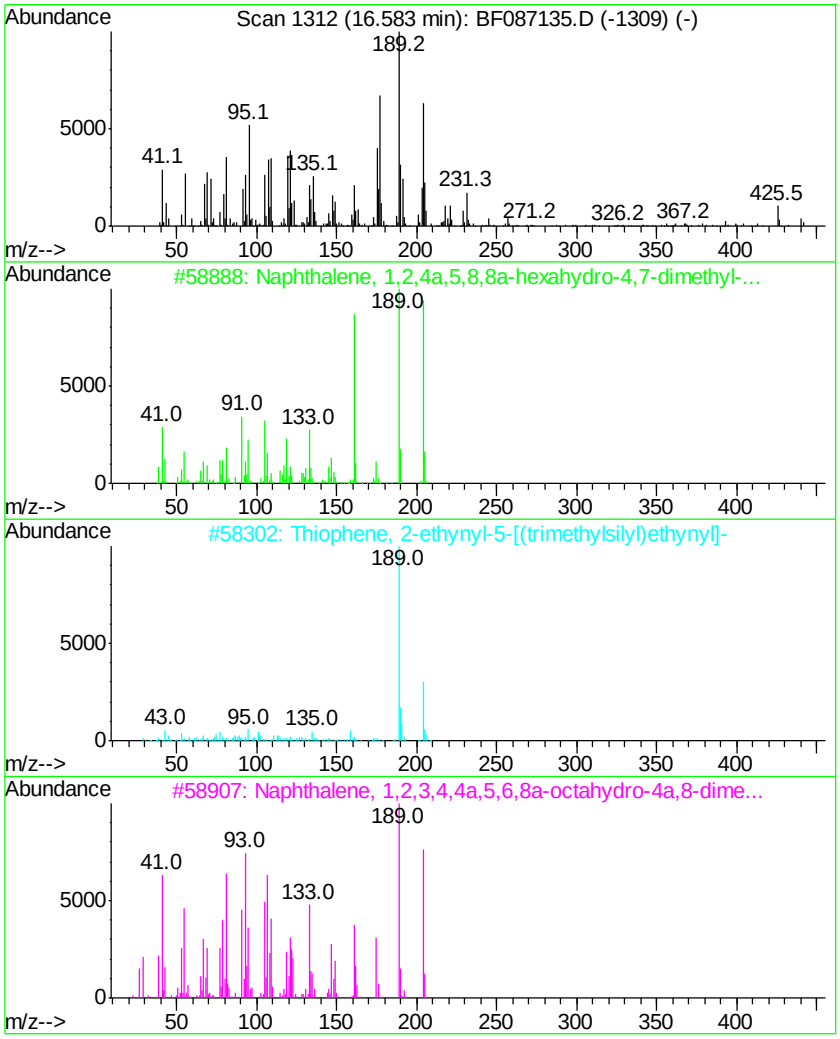
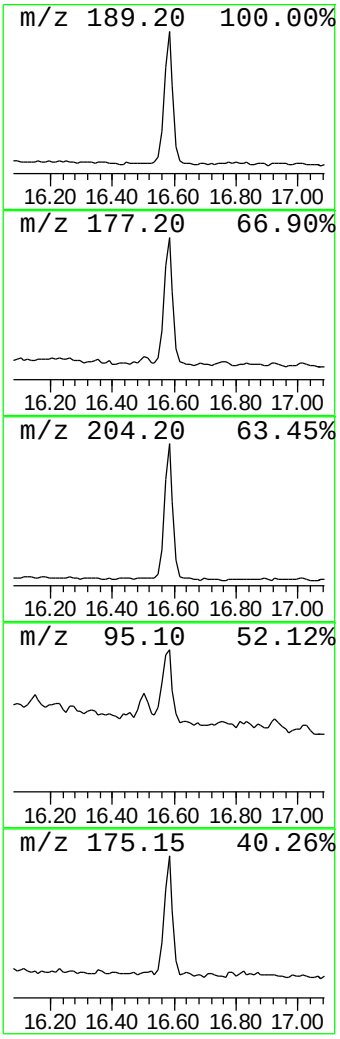
Peak Number 20 unknown16.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	18.17 ng	1344990	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	41
2	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	38
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	35
4	Coumarin, 7-hydroxy-4-methyl-3-p...	218	C13H14O3	019491-93-1	22
5	3-(2-Chloroethyl)-7-hydroxy-4-me...	238	C12H11ClO3	109842-37-7	22





Tentatively Identified Compound (LSC) summary

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Data File : BF087135.D
Acq On : 18 May 2016 7:07
Operator : UM/SJ
Sample : H3038-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PITT-2-N-EAST

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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	18.4	ng	1313350	1	6.59	1429030	20.0
1-Iodo-2-methylun...	5.82	5.5	ng	393086	1	6.59	1429030	20.0
Cyclopentane, (2-...	6.09	5.5	ng	392202	1	6.59	1429030	20.0
unknown6.36	6.36	69.3	ng	4949770	1	6.59	1429030	20.0
Decane, 1-fluoro-	6.43	5.0	ng	359513	1	6.59	1429030	20.0
Hexadecane	6.72	4.1	ng	295779	1	6.59	1429030	20.0
Hexane, 2,2,4-tri...	6.87	3.9	ng	275783	1	6.59	1429030	20.0
n-Hexadecanoic acid	11.68	27.1	ng	1364670	4	11.11	1006100	20.0
Octadecanoic acid	12.45	5.4	ng	558182	5	13.74	2082390	20.0
Heneicosane	15.50	10.8	ng	797048	6	15.11	1480780	20.0
28-Nor-17.alpha.(...	15.67	12.9	ng	955487	6	15.11	1480780	20.0
.beta.-iso-Methyl...	16.02	9.9	ng	732233	6	15.11	1480780	20.0
unknown16.58	16.58	18.2	ng	1344990	6	15.11	1480780	20.0