LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.024	255	257	265	rBB	240389	369358	20.83%	0.743%
2	5.470	294	296	298	rBV	1138467	1291398	72.84%	2.598%
3	6.373	374	375	380	rVB2	44949	81834	4.62%	0.165%
4	6.499	383	386	388	rBV	1542434	1609315	90.78%	3.238%
5	6.624	395	397	399	rVB	1531472	1452473	81.93%	2.922%
6	6.693	399	403	405	rVB2	190616	226861	12.80%	0.456%
7	6.853	415	417	418	rBV	372671	453885	25.60%	0.913%
8	6.910	421	422	424	rVB	69072	57029	3.22%	0.115%
9	7.002	428	430	432	rBV	1197832	1357222	76.56%	2.731%
10	7.104	434	439	440	rBV3	53362	82309	4.64%	0.166%
11	7.127	440	441	443	rVB2	113185	141763	8.00%	0.285%
12	7.173	443	445	446	rBV2	199062	207371	11.70%	0.417%
13	7.196	446	447	450	rVB	118983	97964	5.53%	0.197%
14	7.242	450	451	453	rBV2	153347	178385	10.06%	0.359%
15	7.344	456	460	462	rBV2	88042	138855	7.83%	0.279%
16	7.413	462	466	468	rBV2	1129204	1318838	74.39%	2.654%
17	7.459	468	470	472	rVB	627276	532431	30.03%	1.071%
18	7.504	472	474	476	rBV	102048	122009	6.88%	0.245%
19	7.539	476	477	478	rBV	67719	60655	3.42%	0.122%
20	7.573	478	480	482	rVB2	112466	129728	7.32%	0.261%
21	7.653	482	487	489	rBV3	243936	465799	26.27%	0.937%
22	7.779	492	498	500	rBV4	157153	556887	31.41%	1.120%
23	7.824	500	502	504	rVB2	153434	175988	9.93%	0.354%
24	7.859	504	505	507	rBV2	239358	384491	21.69%	0.774%
25	7.893	507	508	510	rVB2	171348	202045	11.40%	0.407%
26	7.939	510	512	513	rBV	115486	121347	6.84%	0.244%
27	7.973	513	515	517	rVB2	186593	204359	11.53%	0.411%
28	8.007	517	518	519	rBV	99430	75914	4.28%	0.153%
29	8.133	526	529	530	rVV2	923737	1324354	74.70%	2.665%
30	8.156	530	531	532	rVV	97459	98504	5.56%	0.198%
31	8.202	534	535	536	rVB	221135	151588	8.55%	0.305%
32	8.225	536	537	541	rVB2	115252	215534	12.16%	0.434%
33	8.339	541	547	549	rBV4	184700	520357	29.35%	1.047%
34	8.385	549	551	552	rBV2	77515	136801	7.72%	0.275%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.430	552	555	559	rVB5	260307	482817	27.23%	0.971%
36	8.487	559	560	561	rVB	304756	209063	11.79%	0.421%
37	8.522	561	563	564	rBV	414559	362501	20.45%	0.729%
38	8.567	564	567	569	rBV3	320969	429144	24.21%	0.863%
39	8.636	571	573	575	rBV2	500991	512098	28.89%	1.030%
40	8.682	575	577	579	rBV2	91364	128261	7.23%	0.258%
41	8.739	579	582	583	rBV	1073181	1251475	70.59%	2.518%
42	8.762	583	584	585	rVV	95226	87655	4.94%	0.176%
43	8.796	585	587	588	rVB	239011	216575	12.22%	0.436%
44	8.830	588	590	593	rVB4	204606	369462	20.84%	0.743%
45	8.887	593	595	598	rBV3	100507	208194	11.74%	0.419%
46	8.956	598	601	603	rBV2	530406	808565	45.61%	1.627%
47	9.013	605	606	607	rVV	152045	179786	10.14%	0.362%
48	9.093	610	613	615	rVB3	234896	504713	28.47%	1.016%
49	9.162	615	619	621	rBV3	427799	790839	44.61%	1.591%
50	9.207	621	623	625	rVV	1695113	1757733	99.15%	3.537%
51	9.253	625	627	628	rVB2	118692	124167	7.00%	0.250%
52	9.299	628	631	633	rBV	1385493	1485465	83.79%	2.989%
53	9.356	633	636	639	rVV2	276720	608948	34.35%	1.225%
54	9.470	643	646	649	rBV5	210195	457567	25.81%	0.921%
55	9.550	649	653	656	rBV4	420980	1104043	62.27%	2.221%
56	9.608	656	658	662	rVV3	748970	1619861	91.37%	3.259%
57	9.676	662	664	665	rVB	359770	397017	22.39%	0.799%
58	9.768	671	672	673	rVB	91693	62901	3.55%	0.127%
59	9.802	673	675	676	rBV2	123816	199401	11.25%	0.401%
60	9.825	676	677	679	rVV	1172438	1294818	73.04%	2.605%
61	9.882	679	682	685	rVB2	579285	987828	55.72%	1.988%
62	9.996	690	692	694	rVB	197258	239371	13.50%	0.482%
63	10.053	695	697	699	rBV	252875	469451	26.48%	0.945%
64	10.088	699	700	702	rVV2	289744	285982	16.13%	0.575%
65	10.145	702	705	709	rVV4	348185	638073	35.99%	1.284%
66	10.202	709	710	714	rVB4	148696	305902	17.25%	0.615%
67	10.328	719	721	722	rBV	1612817	1364755	76.98%	2.746%
68	10.453	730	732	734	rBV2	113371	128335	7.24%	0.258%
69	10.545	737	740	743	rBV	674660	1036945	58.49%	2.086%
70	10.625	746	747	749	rBV2	185215	244780	13.81%	0.493%
71	10.671	749	751	753	rVB3	638459	887864	50.08%	1.786%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.705	753	754	758	rBV4	117543	282940	15.96%	0.569%
73	10.796	760	762	766	rBV	1246320	1769516	99.81%	3.560%
74	10.991	777	779	781	rBV2	146633	314717	17.75%	0.633%
75	11.059	783	785	786	rVB	95116	112691	6.36%	0.227%
76	11.242	799	801	803	rBV	1141534	1134176	63.97%	2.282%
77	11.276	803	804	807	rVB	688353	561730	31.69%	1.130%
78	11.368	810	812	815	rBV	625435	647937	36.55%	1.304%
79	11.425	815	817	819	rBV2	115198	210516	11.87%	0.424%
80	11.482	821	822	826	rBV4	81462	174090	9.82%	0.350%
81	11.551	826	828	829	rVB2	145141	102338	5.77%	0.206%
82	11.619	832	834	836	rVB3	159384	191614	10.81%	0.386%
83	11.665	836	838	840	rBV	722452	938692	52.95%	1.889%
84	11.722	840	843	844	rVB2	80104	103329	5.83%	0.208%
85	11.825	850	852	855	rBV3	95441	232255	13.10%	0.467%
86	11.928	860	861	863	rVV2	103927	92684	5.23%	0.186%
87	11.962	863	864	870	rVB4	132908	381094	21.50%	0.767%
88	12.076	872	874	876	rVB	990355	791203	44.63%	1.592%
89	12.236	886	888	892	rVB4	84485	166329	9.38%	0.335%
90	12.351	896	898	902	rVV2	130607	206629	11.66%	0.416%
91	12.419	902	904	906	rVV2	96924	100309	5.66%	0.202%
92	12.465	906	908	910	rVV	685492	660610	37.26%	1.329%
93	12.808	937	938	939	rBV	83896	84855	4.79%	0.171%
94	12.831	939	940	942	rVB	556949	423865	23.91%	0.853%
95	12.956	948	951	953	rVB	1259858	1772853	100.00%	3.567%
96	13.185	969	971	973	rVB	357714	297802	16.80%	0.599%
97	13.528	999	1001	1003	rBV	197388	181578	10.24%	0.365%
98	13.848	1026	1029	1032	rVB	106210	143535	8.10%	0.289%
99	13.997	1040	1042	1044	rBV	363117	414085	23.36%	0.833%
100	15.437	1165	1168	1173	rVB	286735	420924	23.74%	0.847%

Sum of corrected areas: 49700902

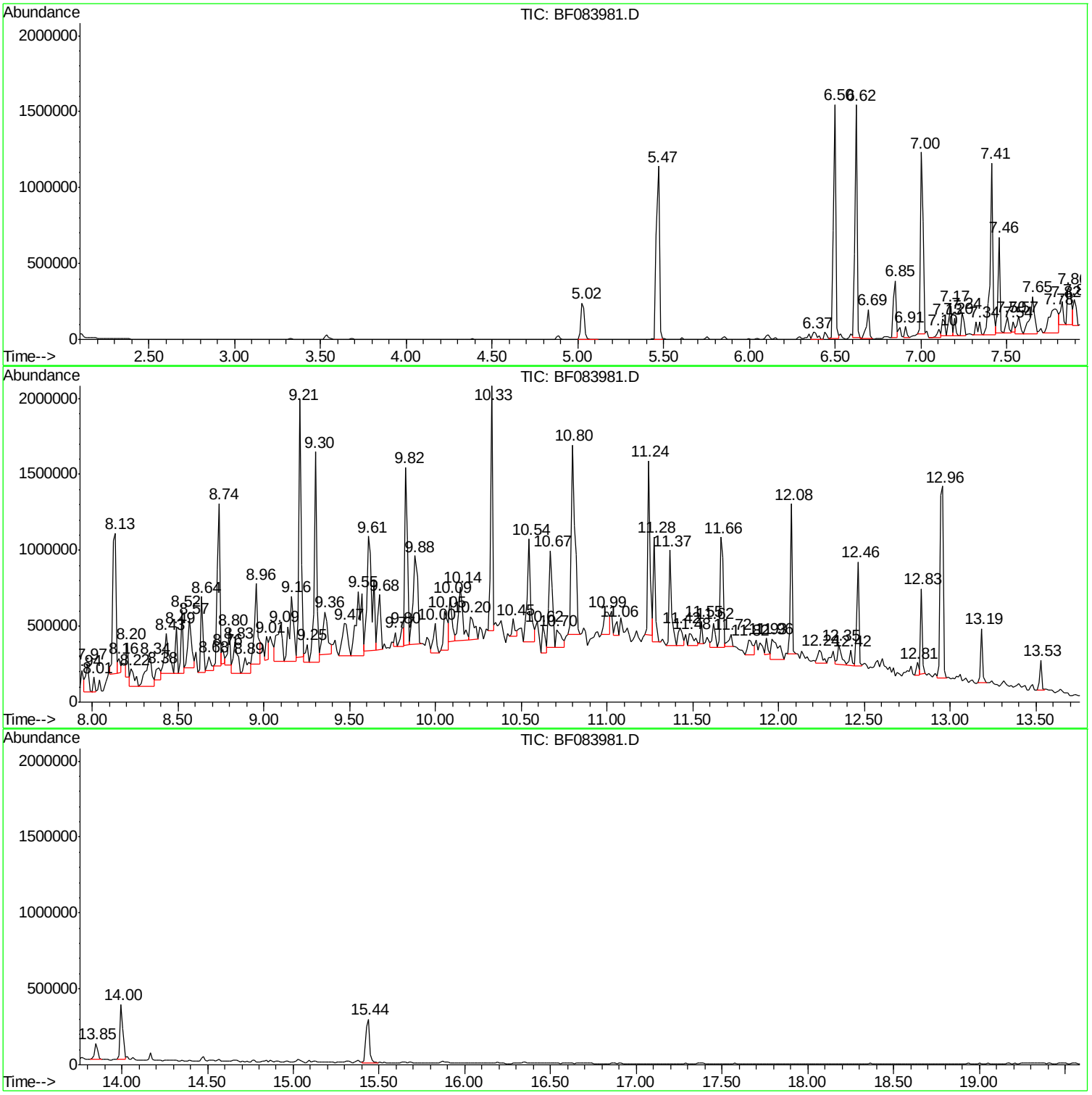
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

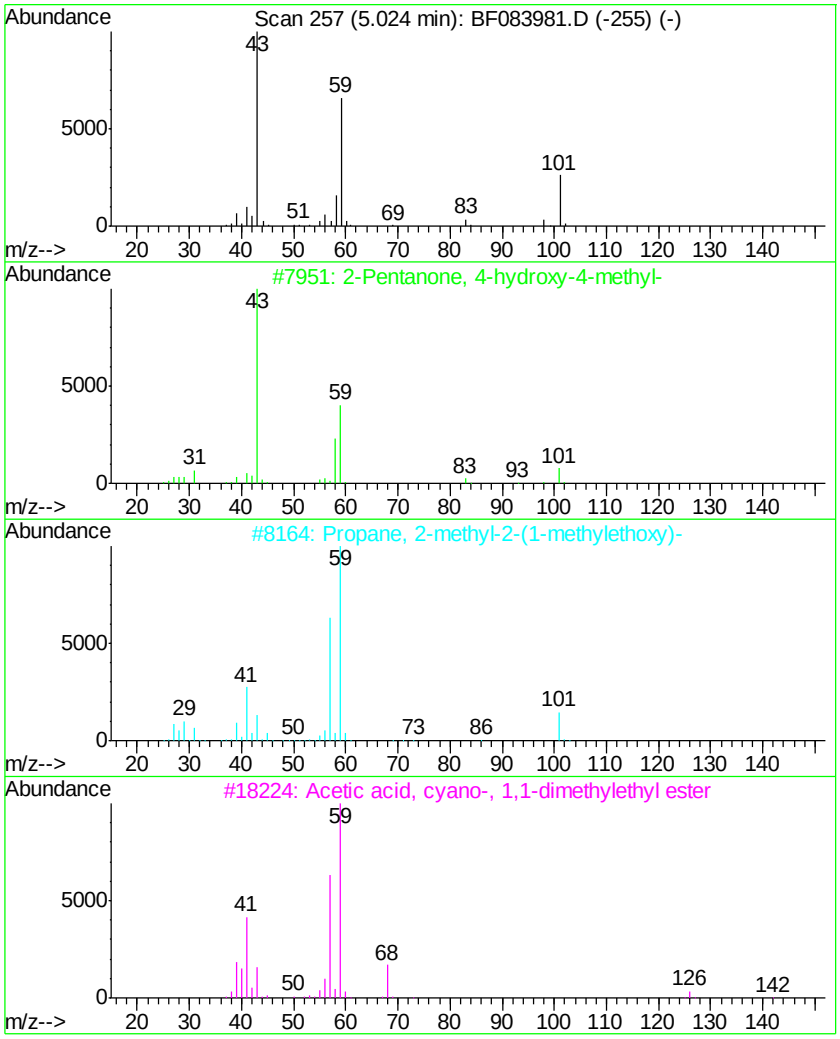
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

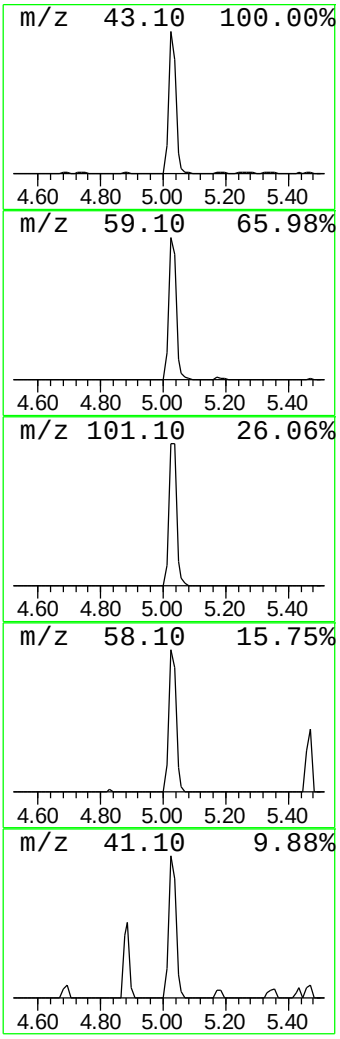
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	16.28 ng	369358	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

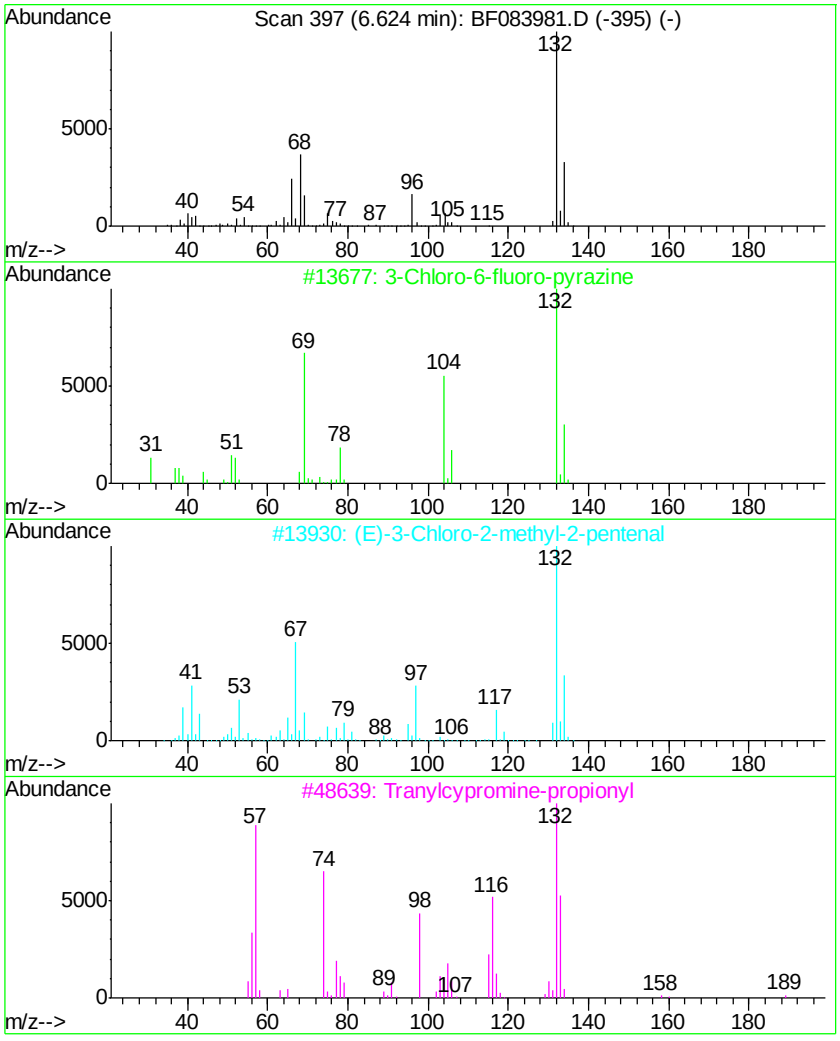
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

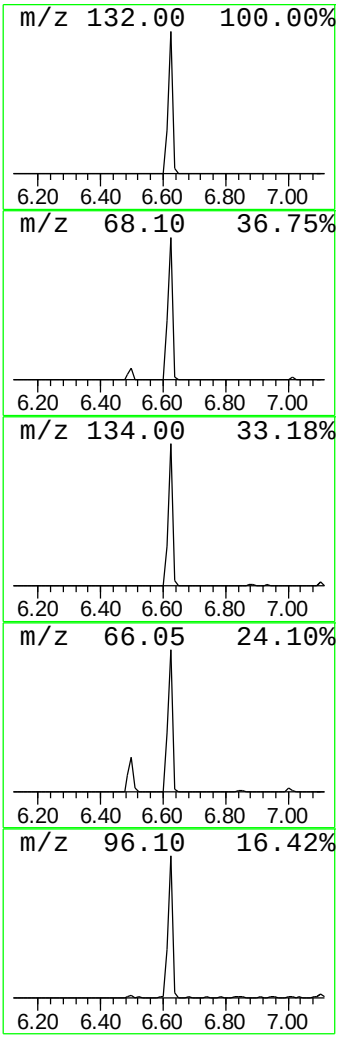
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	64.00 ng	1452470	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

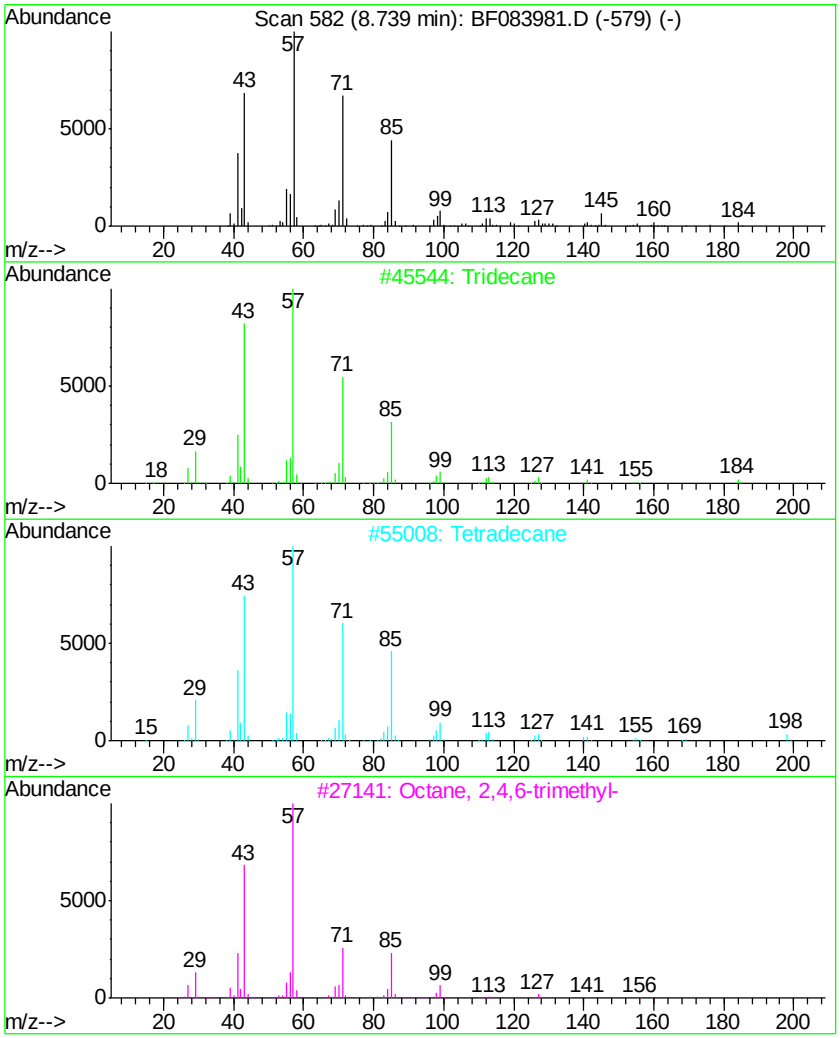
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

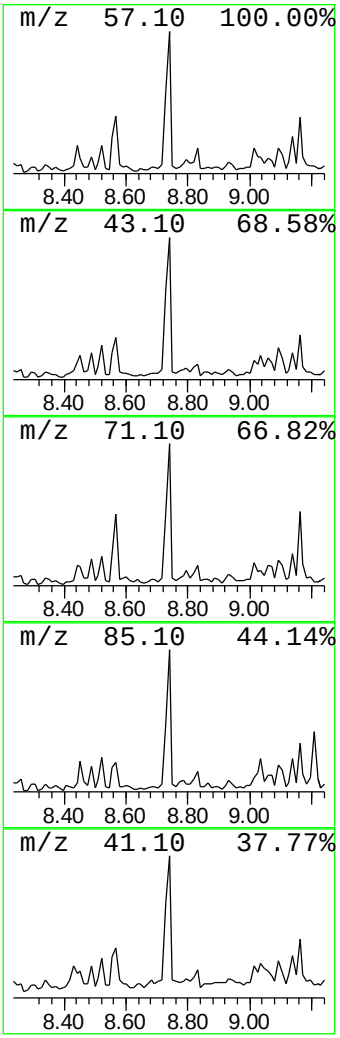
****

Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	18.90 ng	1251480	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4	Dodecane	170	C12H26	000112-40-3	72
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

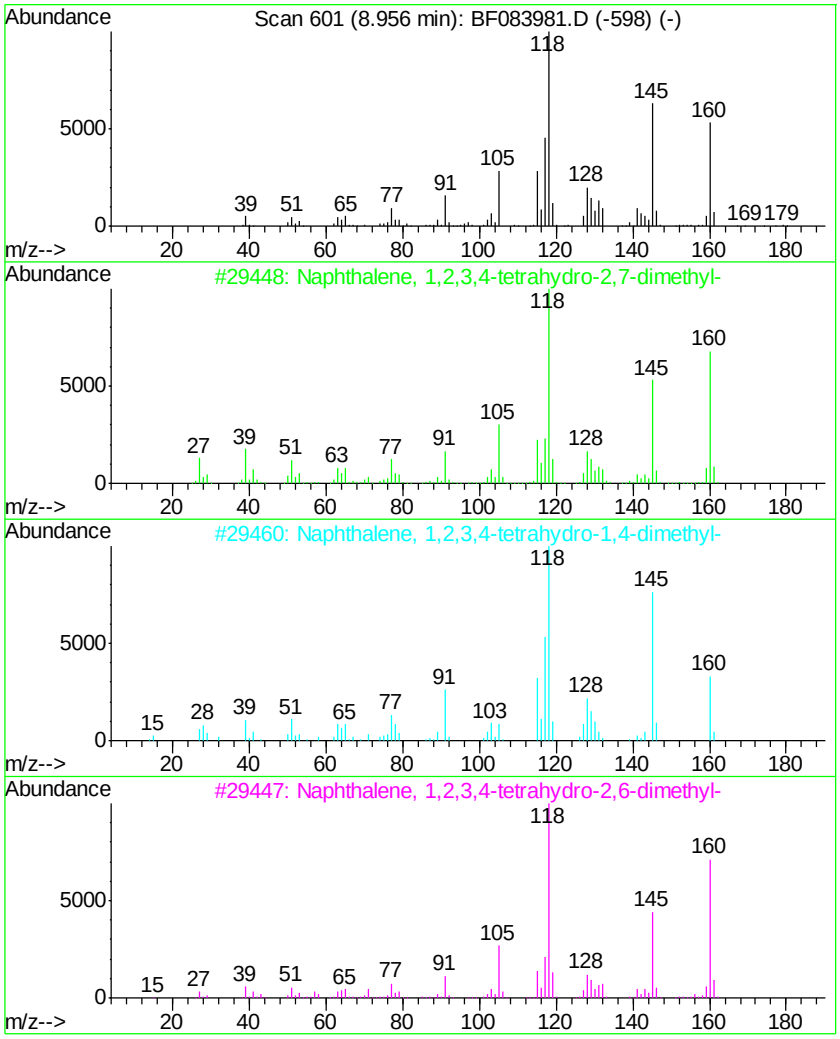
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

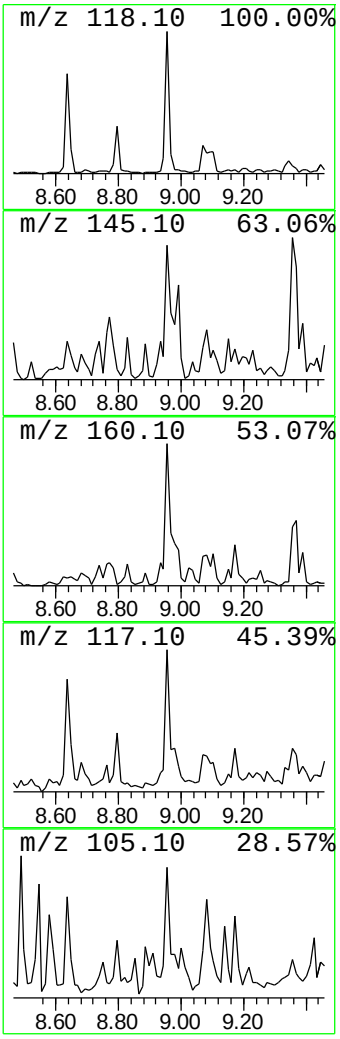
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	12.21 ng	808565	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
4	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	70
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

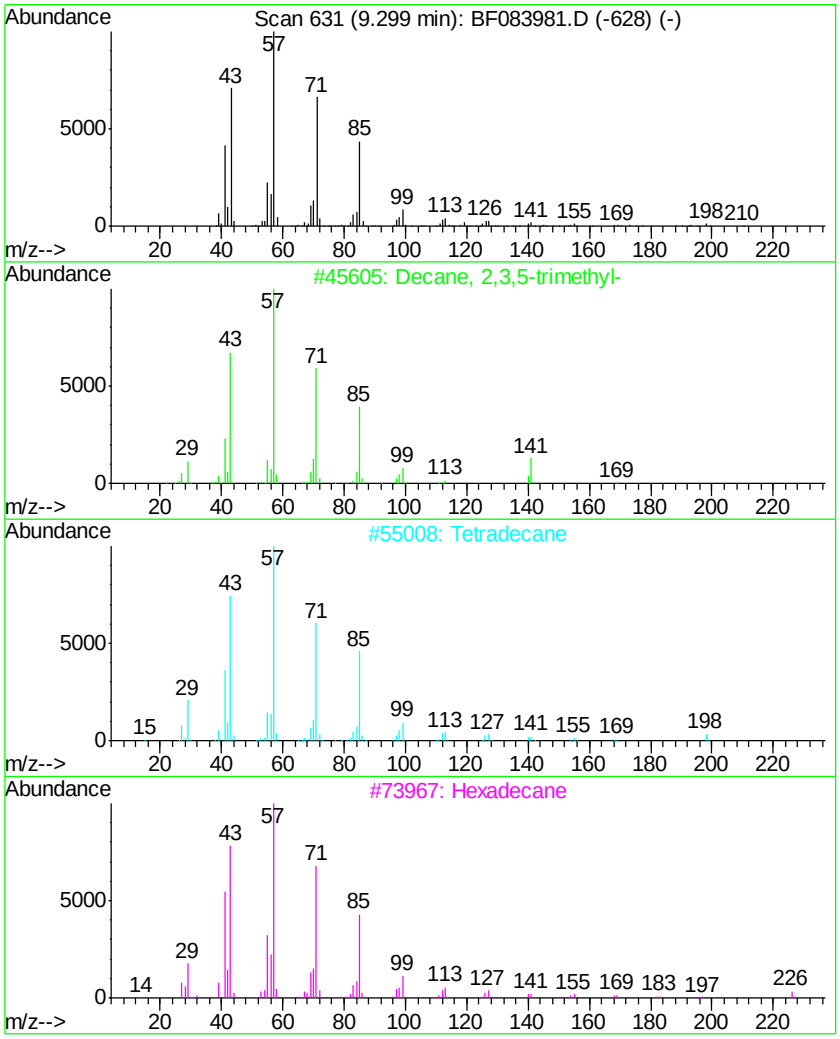
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

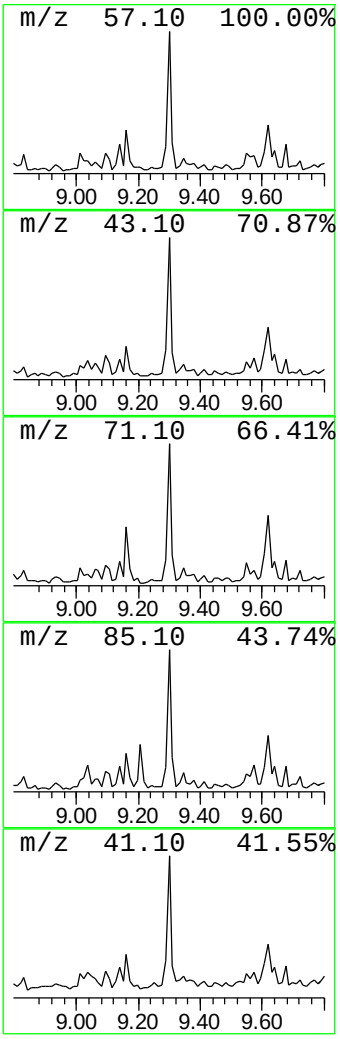
****

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	30.08 ng	1485470	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	74
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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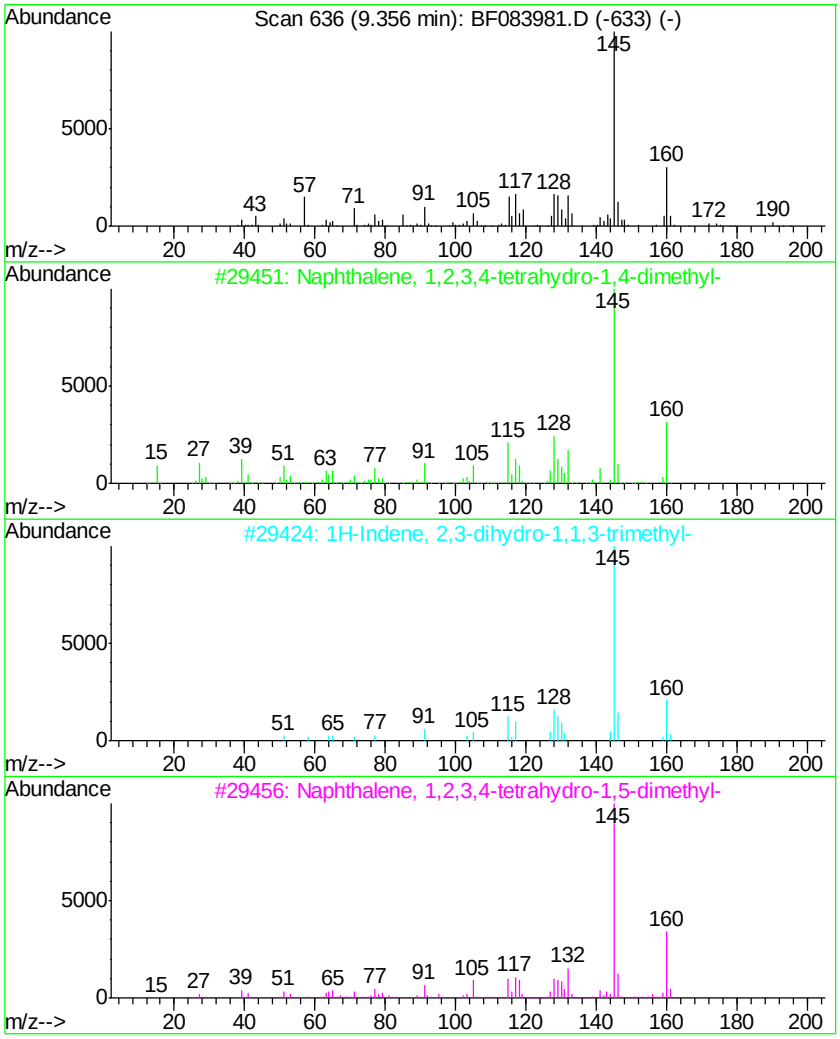
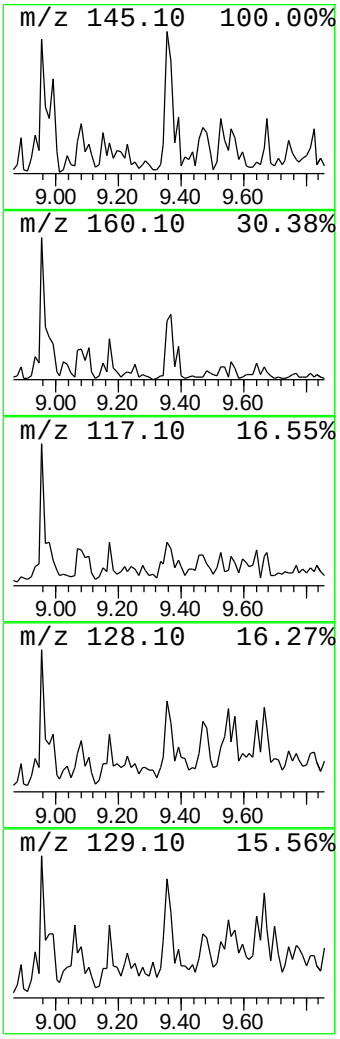
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	12.33 ng	608948	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93





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Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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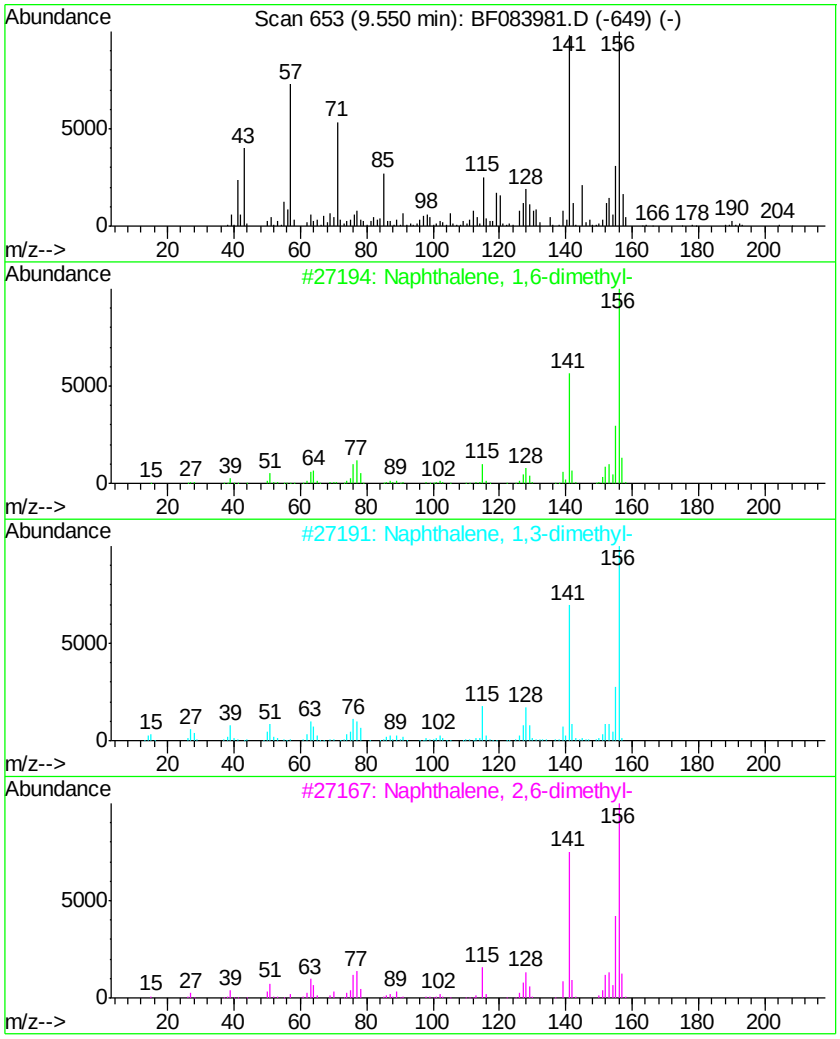
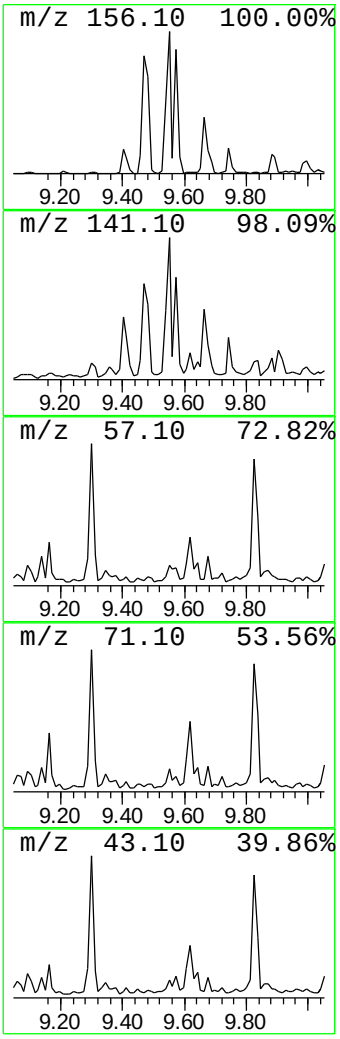
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	22.35 ng	1104040	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

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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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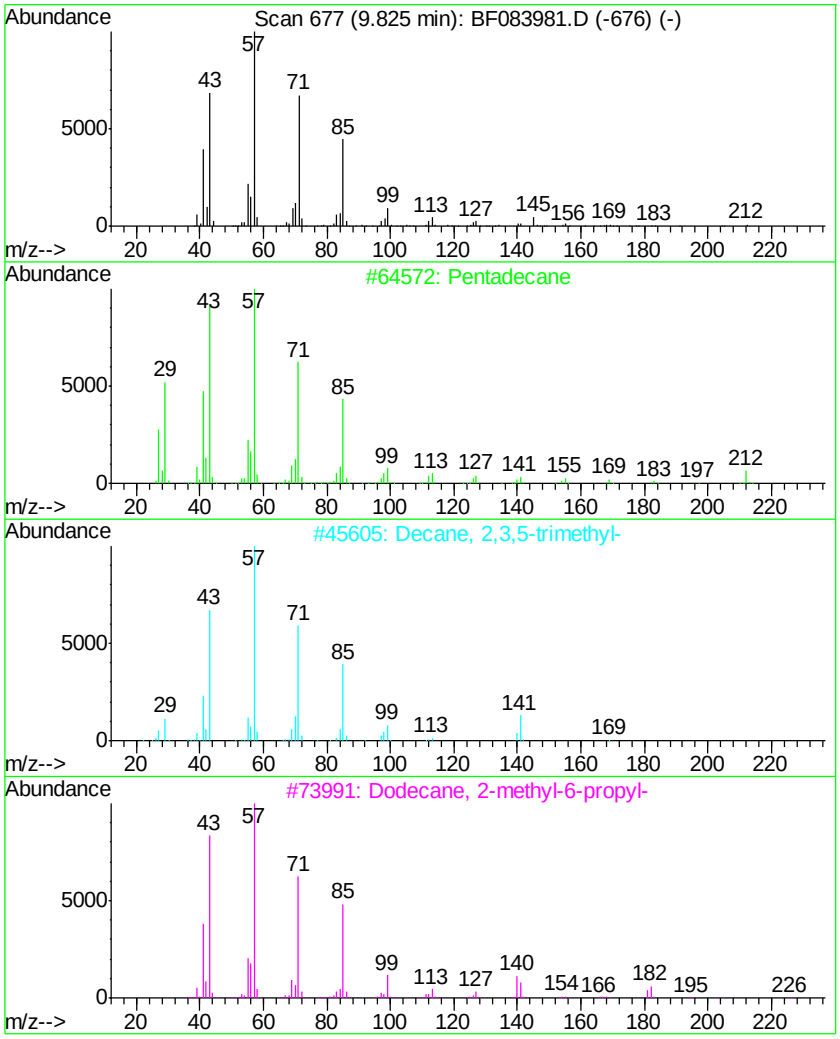
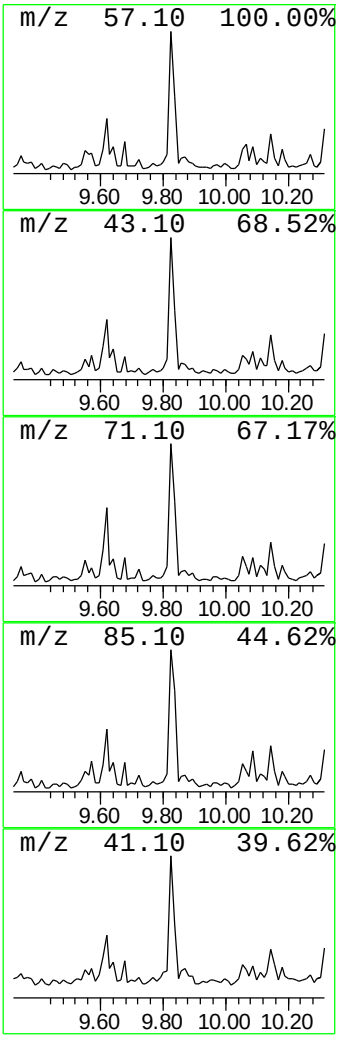
Peak Number 9 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	26.22 ng	1294820	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Hexadecane	226	C16H34	000544-76-3	72





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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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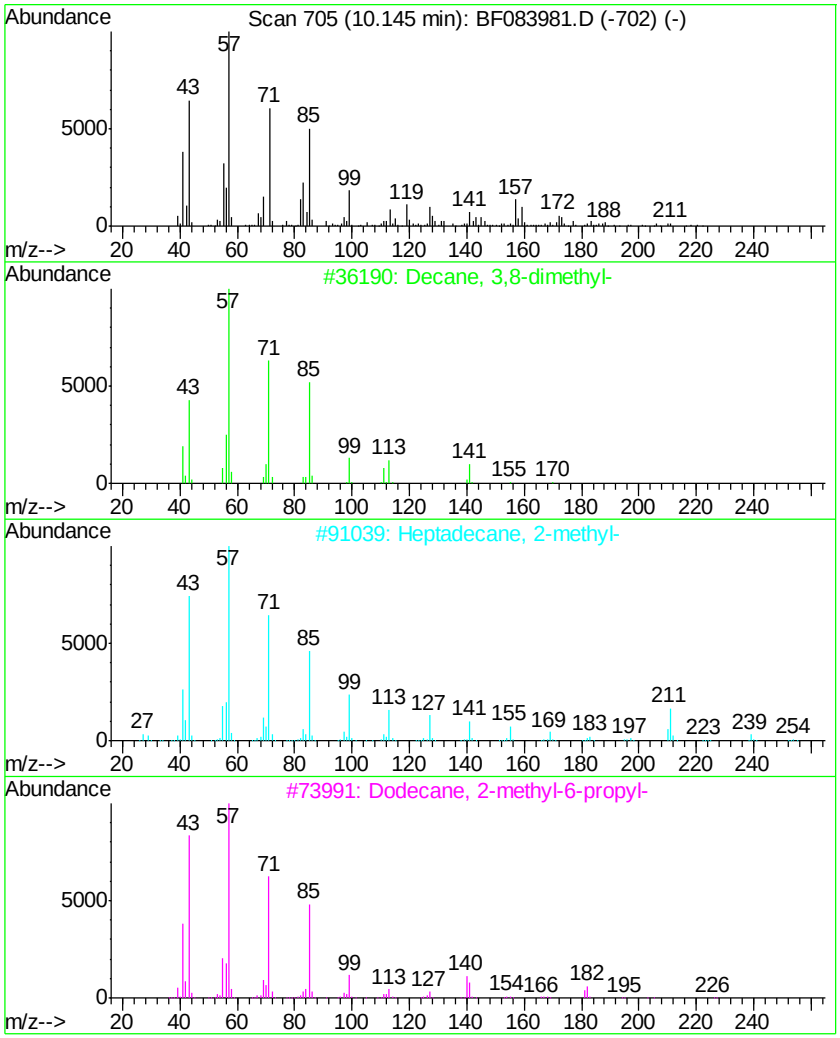
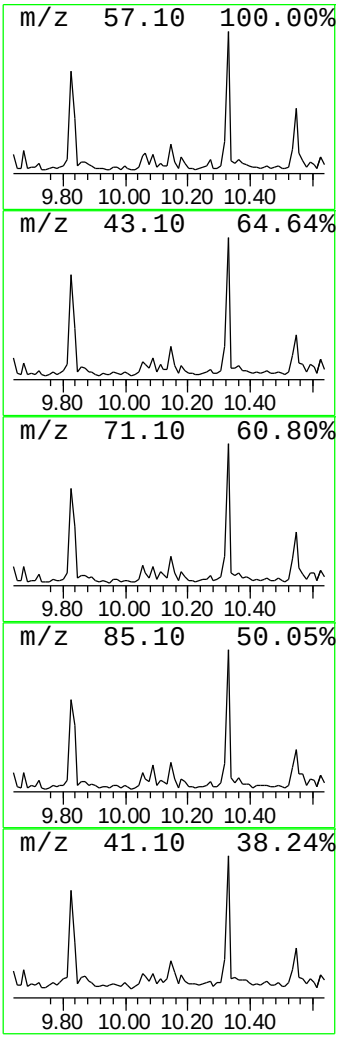
Peak Number 10 Decane, 3,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	12.92 ng	638073	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	52
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	49
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	49





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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : UST-7

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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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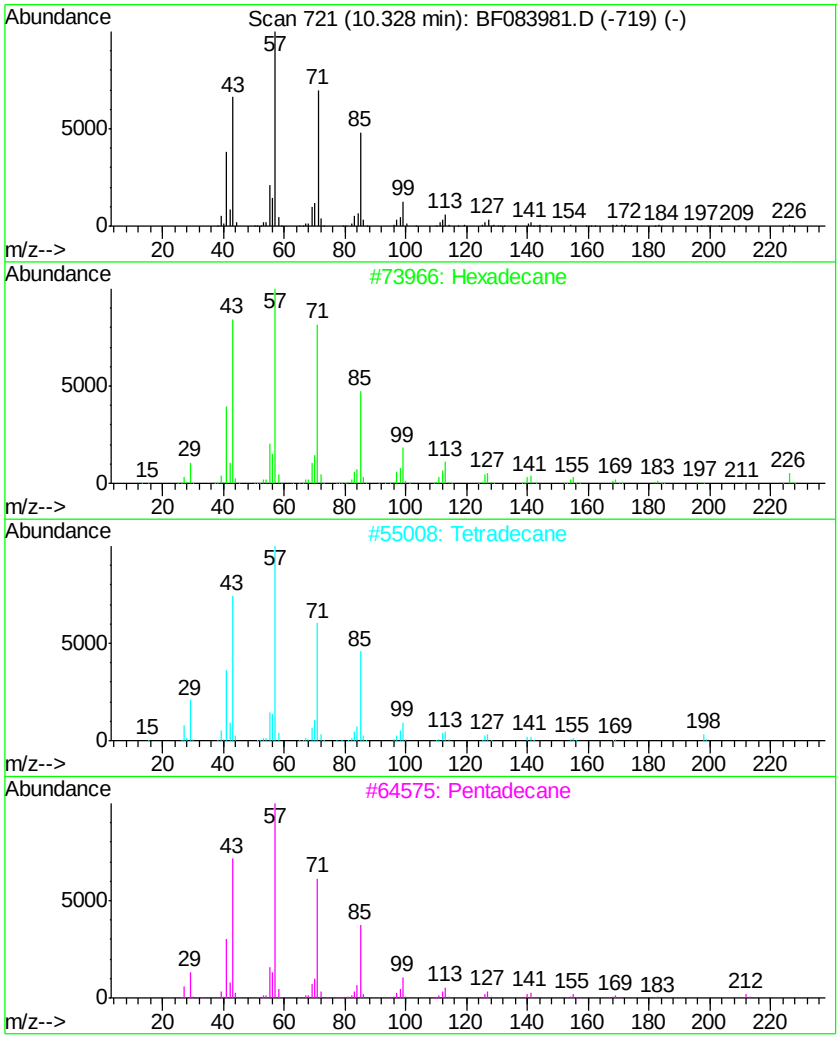
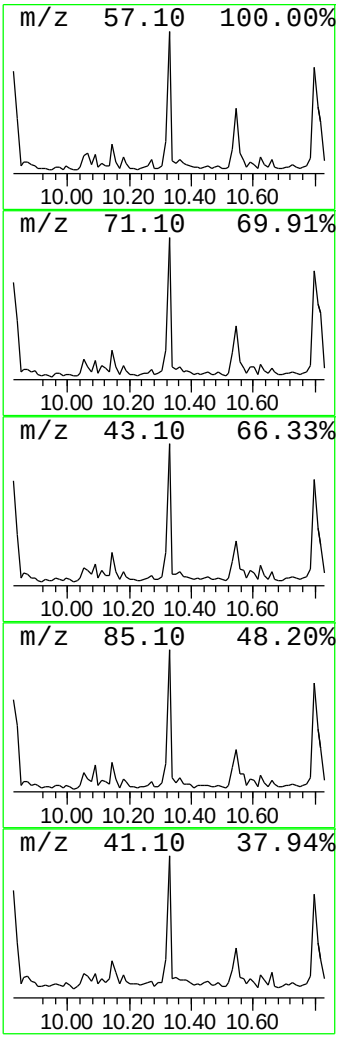
Peak Number 11 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	27.63 ng	1364760	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	5-Ethyldecane	170	C12H26	017302-36-2	86





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Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : UST-7

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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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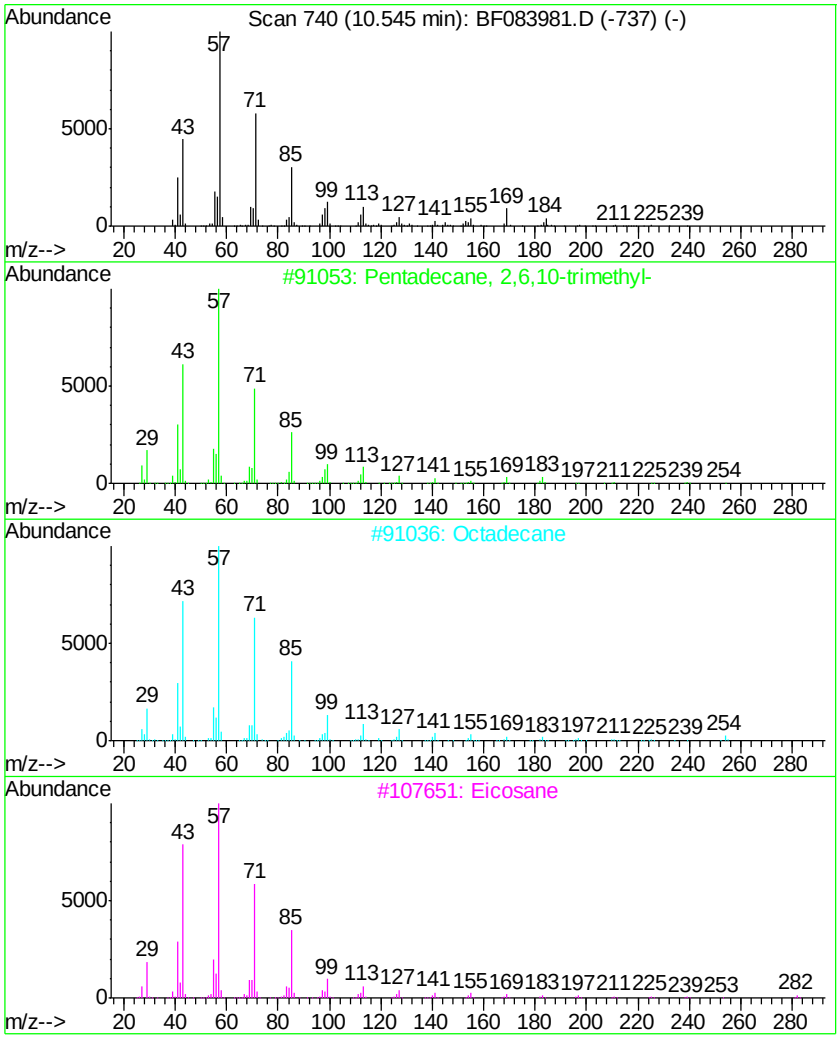
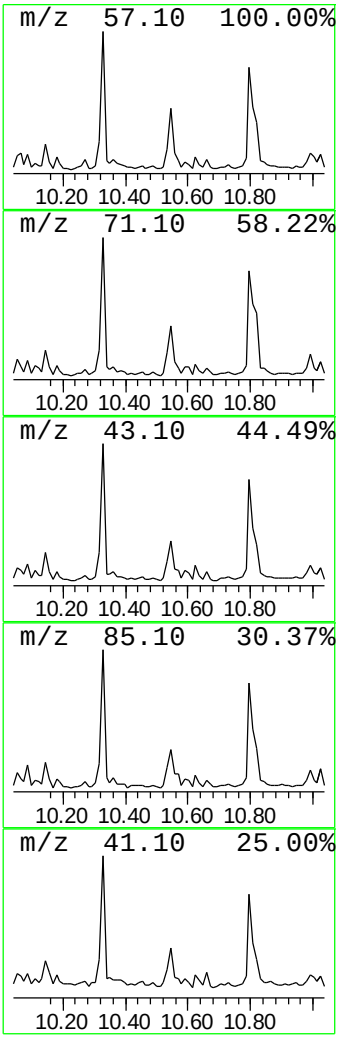
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	20.99 ng	1036950	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Octadecane	254	C18H38	000593-45-3	80
3	Eicosane	282	C20H42	000112-95-8	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Misc :
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Instrument : BNA_F
ClientSampleId : UST-7

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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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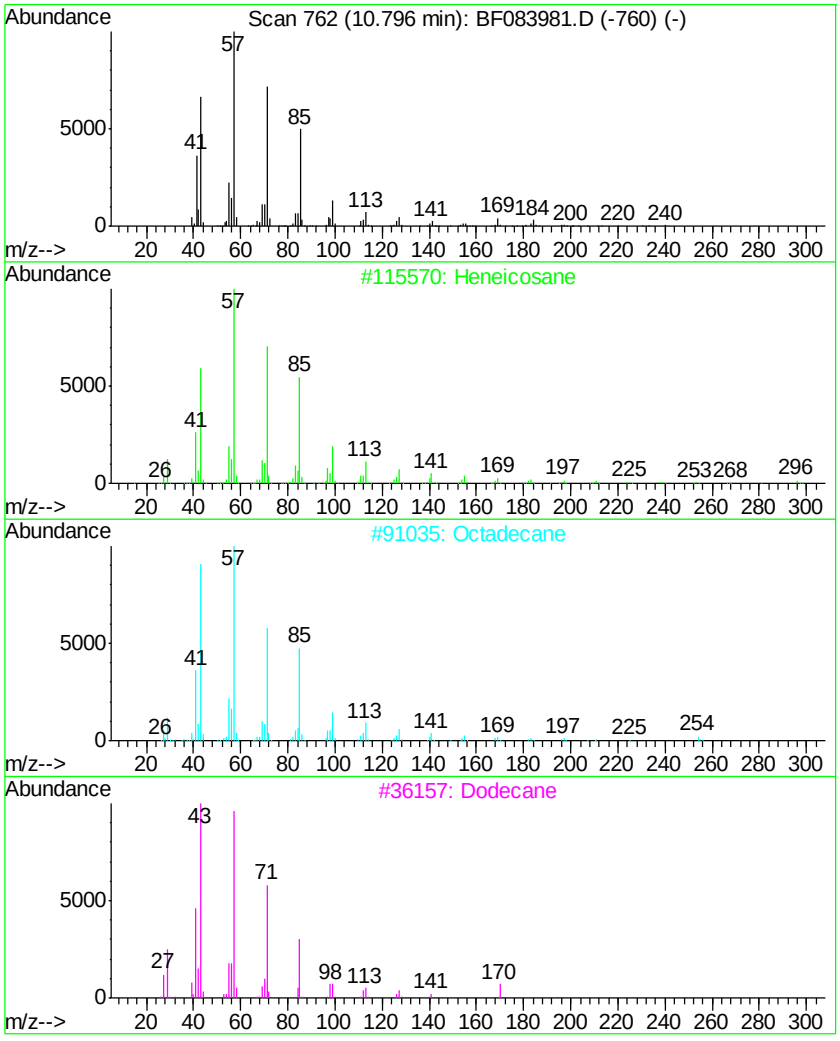
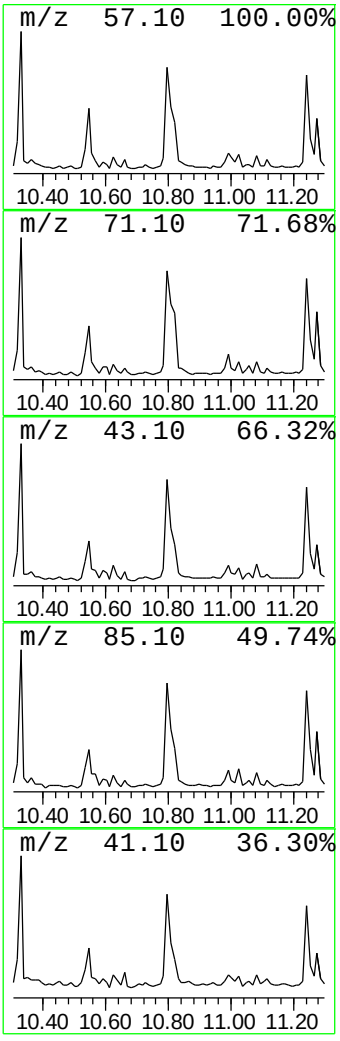
Peak Number 13 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	54.62 ng	1769520	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 20 Dec 2015 5:54
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Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

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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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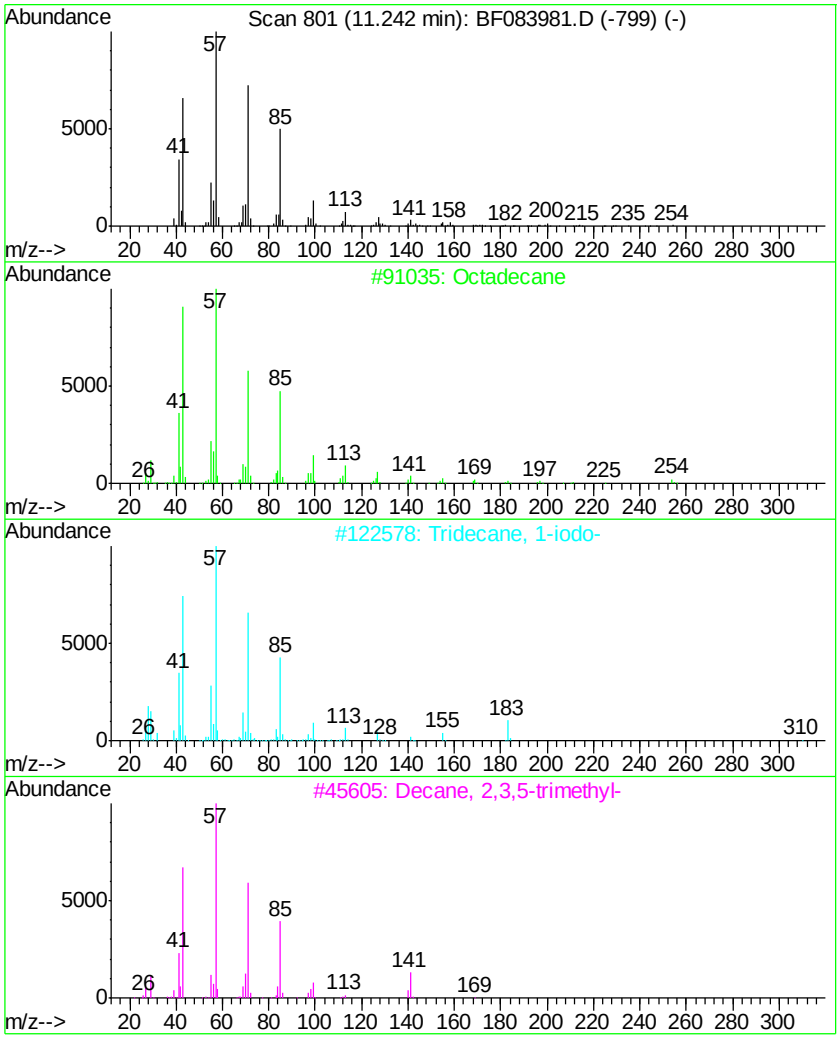
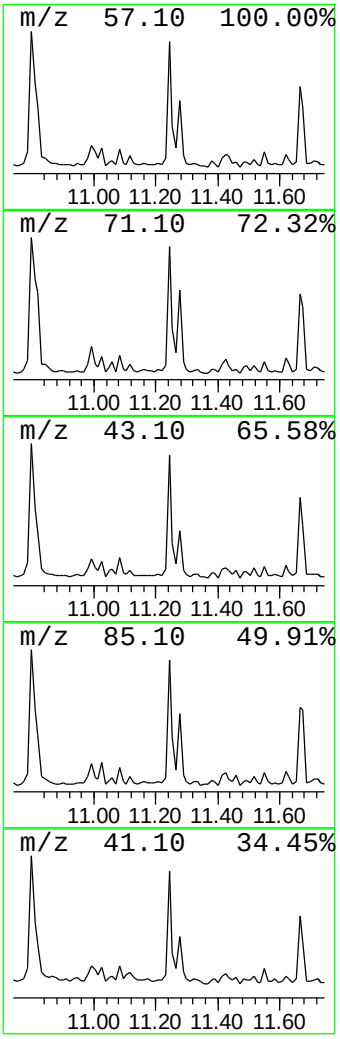
Peak Number 14 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	35.01 ng	1134180	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Acq On : 20 Dec 2015 5:54
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Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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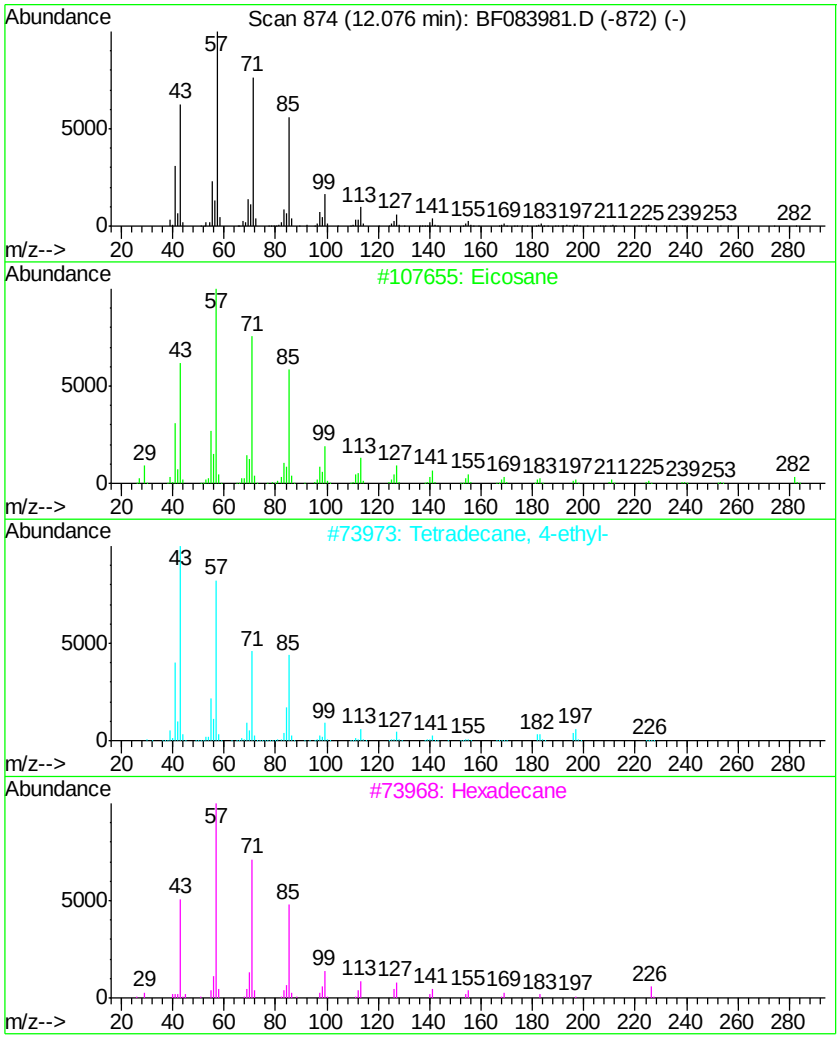
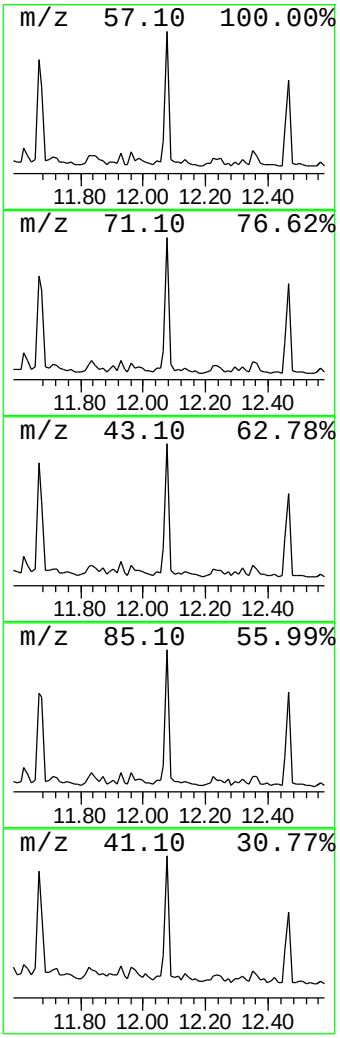
Peak Number 17 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	24.42 ng	791203	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Instrument : BNA_F
ClientSampleId : UST-7

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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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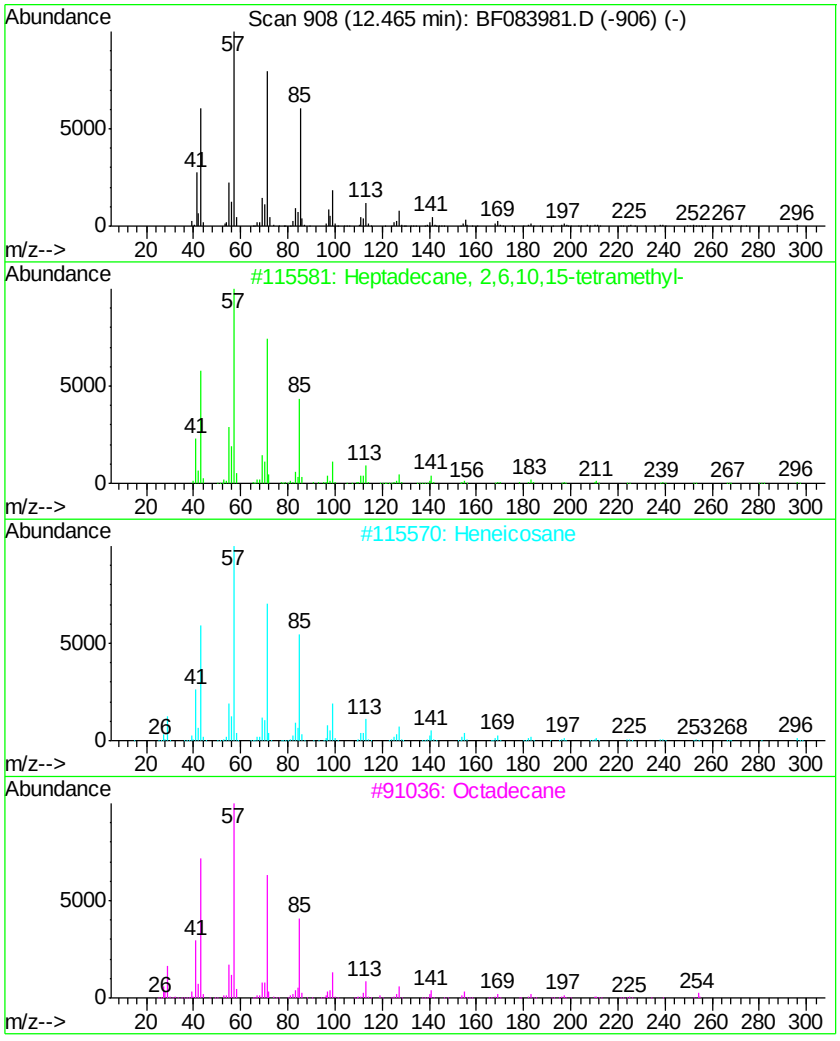
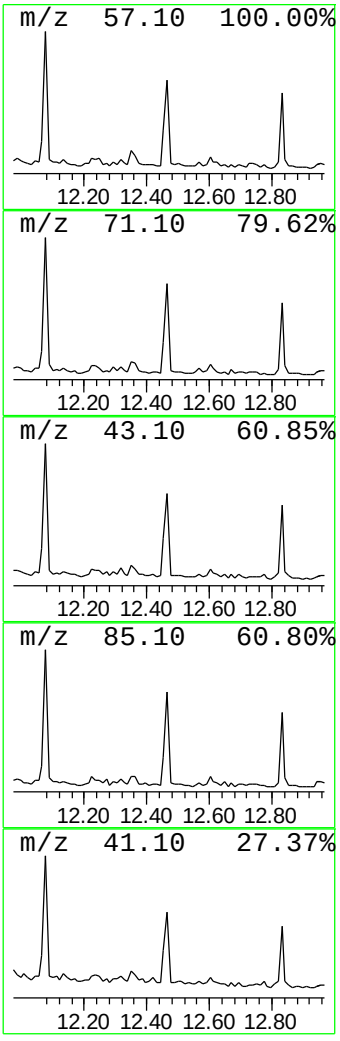
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	20.39 ng	660610	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





Tentatively Identified Compound (LSC) summary

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Data File : BF083981.D
Acq On : 20 Dec 2015 5:54
Operator : UM/SJ
Sample : G4851-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	16.3	ng	369358	1	6.85	453885	20.0
unknown6.62	6.62	64.0	ng	1452470	1	6.85	453885	20.0
Tridecane	8.74	18.9	ng	1251480	2	8.13	1324350	20.0
Naphthalene, 1,2,...	8.96	12.2	ng	808565	2	8.13	1324350	20.0
Decane, 2,3,5-tri...	9.30	30.1	ng	1485470	3	9.88	987828	20.0
Naphthalene, 1,2,...	9.36	12.3	ng	608948	3	9.88	987828	20.0
Naphthalene, 1,6-...	9.55	22.4	ng	1104040	3	9.88	987828	20.0
Pentadecane	9.82	26.2	ng	1294820	3	9.88	987828	20.0
Decane, 3,8-dimet...	10.14	12.9	ng	638073	3	9.88	987828	20.0
Hexadecane	10.33	27.6	ng	1364760	3	9.88	987828	20.0
Pentadecane, 2,6,...	10.54	21.0	ng	1036950	3	9.88	987828	20.0
Heneicosane	10.80	54.6	ng	1769520	4	11.37	647937	20.0
Octadecane	11.24	35.0	ng	1134180	4	11.37	647937	20.0
Eicosane	12.08	24.4	ng	791203	4	11.37	647937	20.0
Heptadecane, 2,6,...	12.47	20.4	ng	660610	4	11.37	647937	20.0