LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

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-BF090115.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	4.421	244	248	262	rVB	749611	1514903	21.05%	1.271%
2	4.924	289	292	294	rBV	1973163	2262120	31.44%	1.898%
3	6.044	387	390	392	rBV	2131904	2334245	32.44%	1.959%
4	6.136	396	398	401	rVV	1989252	1984266	27.58%	1.665%
5	6.364	416	418	421	rBV	373689	348544	4.84%	0.292%
6	6.524	430	432	435	rBV2	1892004	2109179	29.31%	1.770%
7	6.947	466	469	471	rBV	1386664	1397171	19.42%	1.172%
8	7.004	472	474	476	rVV	392755	338151	4.70%	0.284%
9	7.119	479	484	486	rBV2	44880	116118	1.61%	0.097%
10	7.187	489	490	493	rVB	87053	83534	1.16%	0.070%
11	7.290	498	499	502	rBV2	63716	96949	1.35%	0.081%
12	7.382	505	507	508	rBV	123024	162812	2.26%	0.137%
13	7.404	508	509	511	rVB	63073	78195	1.09%	0.066%
14	7.450	511	513	515	rVB	164973	209237	2.91%	0.176%
15	7.484	515	516	520	rBV2	144084	218986	3.04%	0.184%
16	7.564	520	523	526	rBV3	66215	117461	1.63%	0.099%
17	7.679	526	533	535	rBV2	1300758	1983627	27.57%	1.664%
18	7.759	538	540	543	rVB	493158	443143	6.16%	0.372%
19	7.862	547	549	551	rBV3	136057	230440	3.20%	0.193%
20	7.976	556	559	560	rBV3	124431	219921	3.06%	0.185%
21	8.010	560	562	563	rVB	205700	280772	3.90%	0.236%
22	8.033	563	564	566	rBV	227848	359428	5.00%	0.302%
23	8.079	566	568	569	rVB	252832	335007	4.66%	0.281%
24	8.113	569	571	574	rBV2	714183	919570	12.78%	0.772%
25	8.170	574	576	577	rVB2	259854	276239	3.84%	0.232%
26	8.216	577	580	582	rBV4	128670	203522	2.83%	0.171%
27	8.296	582	587	588	rBV	2310077	3052472	42.42%	2.561%
28	8.319	588	589	591	rBV2	88582	119989	1.67%	0.101%
29	8.387	591	595	596	rVB2	296470	643963	8.95%	0.540%
30	8.422	596	598	599	rBV2	96591	135716	1.89%	0.114%
31	8.490	602	604	606	rBV	619418	638017	8.87%	0.535%
32	8.570	608	611	614	rBV2	517741	1395163	19.39%	1.171%
33	8.616	614	615	617	rVB2	380455	439299	6.11%	0.369%
34	8.650	617	618	620	rBV	597093	531697	7.39%	0.446%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.719	620	624	625	rBV2	1159244	1799457	25.01%	1.510%
36	8.753	625	627	629	rVB	1670877	2075817	28.85%	1.742%
37	8.856	633	636	638	rBV	2876521	3800178	52.81%	3.189%
38	8.890	638	639	644	rVB3	530073	939082	13.05%	0.788%
39	8.970	644	646	647	rVB	243441	263587	3.66%	0.221%
40	9.005	647	649	651	rBV2	293219	582599	8.10%	0.489%
41	9.050	651	653	656	rBV4	249702	660819	9.18%	0.554%
42	9.107	656	658	659	rVV2	487523	803014	11.16%	0.674%
43	9.176	661	664	668	rVV4	1577976	3399303	47.24%	2.852%
44	9.233	668	669	670	rVB	585279	407901	5.67%	0.342%
45	9.393	680	683	685	rBV	3896236	5347696	74.32%	4.487%
46	9.519	693	694	696	rBV2	321614	419952	5.84%	0.352%
47	9.622	699	703	704	rBV	993604	2142214	29.77%	1.797%
48	9.668	706	707	709	rVV2	505513	895993	12.45%	0.752%
49	9.702	709	710	712	rVV	1663330	1467548	20.40%	1.231%
50	9.736	712	713	716	rVB2	912508	1153233	16.03%	0.968%
51	9.828	719	721	722	rVV	331177	416912	5.79%	0.350%
52	9.896	722	727	728	rVV	4277020	5939219	82.54%	4.983%
53	9.919	728	729	733	rVB3	631864	1238052	17.21%	1.039%
54	9.988	733	735	739	rBV4	581275	1403423	19.50%	1.178%
55	10.102	742	745	748	rBV	2282295	4182077	58.12%	3.509%
56	10.159	748	750	751	rVB	510198	551688	7.67%	0.463%
57	10.205	751	754	758	rBV4	1466747	3292561	45.76%	2.763%
58	10.365	765	768	772	rBV	3503271	7195587	100.00%	6.038%
59	10.548	782	784	786	rBV	1066656	1612072	22.40%	1.353%
60	10.582	786	787	788	rVB	861191	590777	8.21%	0.496%
61	10.616	788	790	791	rVB2	464268	392072	5.45%	0.329%
62	10.639	791	792	794	rBV	689547	830954	11.55%	0.697%
63	10.673	794	795	797	rVB2	672536	772063	10.73%	0.648%
64	10.810	805	807	808	rBV	3502834	4060054	56.42%	3.407%
65	10.833	808	809	812	rVB	2092515	2618700	36.39%	2.197%
66	10.879	812	813	815	rVB	611269	753511	10.47%	0.632%
67	10.936	817	818	820	rVB	505416	570004	7.92%	0.478%
68	10.982	820	822	826	rBV2	754077	1806542	25.11%	1.516%
69	11.108	831	833	834	rBV	665922	561217	7.80%	0.471%
70	11.176	837	839	841	rVB	647012	668459	9.29%	0.561%
71	11.233	841	844	846	rBV	3524762	4176717	58.05%	3.505%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.268	846	847	849	rVB2	438962	439853	6.11%	0.369%
73	11.382	855	857	862	rVB4	645147	1699610	23.62%	1.426%
74	11.485	864	866	867	rVB	501355	527620	7.33%	0.443%
75	11.519	867	869	870	rBV	591824	680151	9.45%	0.571%
76	11.633	877	879	881	rBV	3347867	3487675	48.47%	2.926%
77	11.782	889	892	894	rBV	506058	815537	11.33%	0.684%
78	11.908	901	903	905	rBV	506011	689593	9.58%	0.579%
79	12.011	909	912	914	rBV	2495886	3017831	41.94%	2.532%
80	12.148	922	924	929	rVB2	448647	851075	11.83%	0.714%
81	12.342	939	941	942	rVB2	312755	298759	4.15%	0.251%
82	12.376	942	944	946	rVV	2390793	2493165	34.65%	2.092%
83	12.468	949	952	954	rVV	1998729	2392148	33.24%	2.007%
84	12.502	954	955	960	rVB2	306252	497286	6.91%	0.417%
85	12.628	965	966	967	rVB	210769	144588	2.01%	0.121%
86	12.731	972	975	976	rVV	1190329	1699782	23.62%	1.426%
87	12.754	976	977	982	rVV4	168310	332031	4.61%	0.279%
88	12.845	984	985	990	rVB	306623	481220	6.69%	0.404%
89	13.062	1001	1004	1006	rBV	1065558	1056032	14.68%	0.886%
90	13.382	1029	1032	1038	rVB	653340	828506	11.51%	0.695%
91	13.474	1038	1040	1047	rVB3	352835	618714	8.60%	0.519%
92	13.691	1057	1059	1064	rVB	277090	344531	4.79%	0.289%
93	13.999	1083	1086	1092	rVB	102323	178584	2.48%	0.150%
94	14.777	1152	1154	1157	rVB	237856	234186	3.25%	0.196%

Sum of corrected areas: 119179387

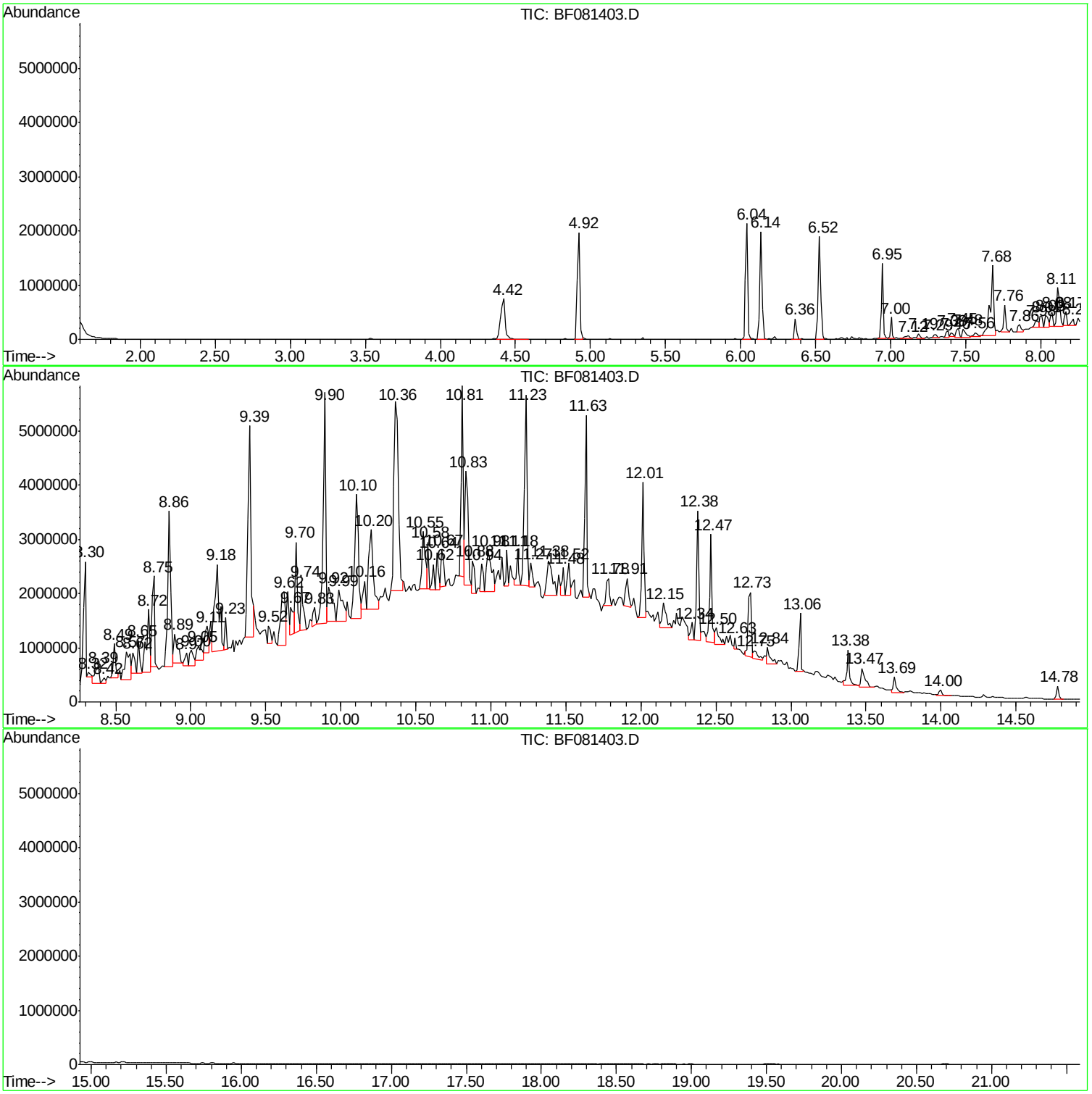
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

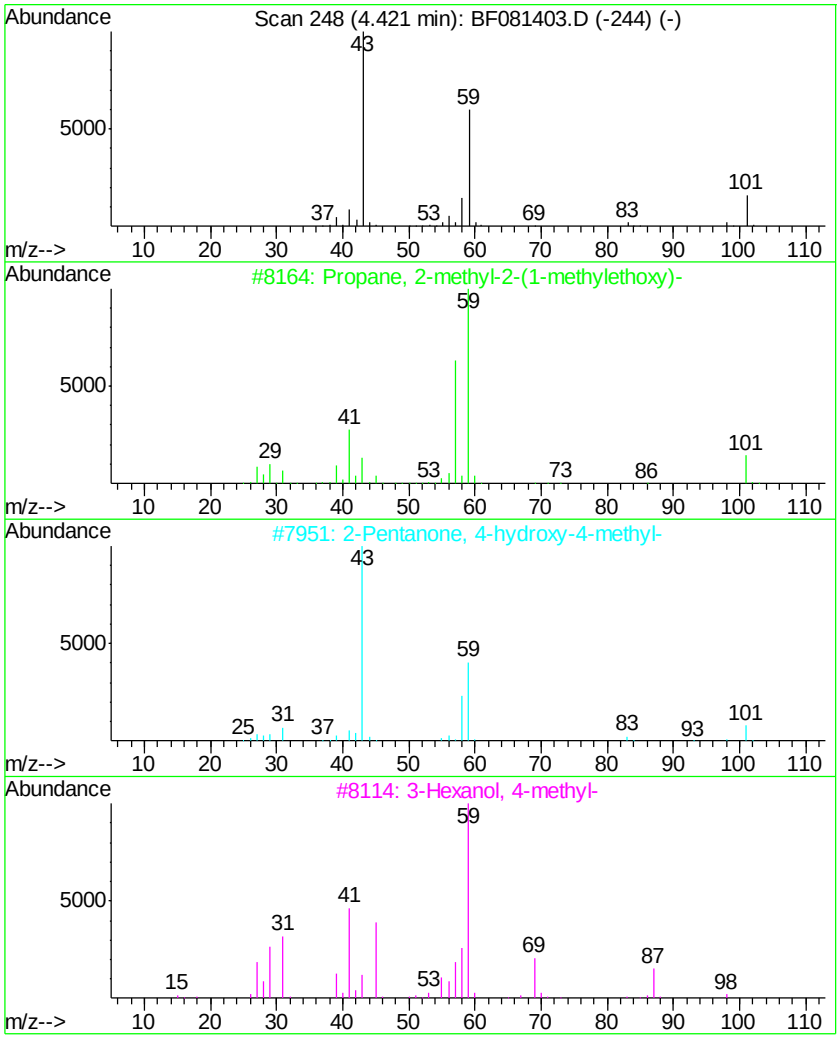
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

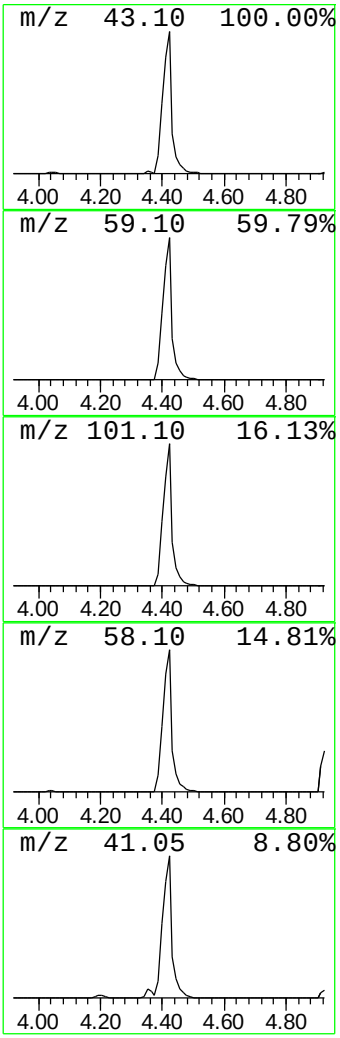
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	86.93 ng	1514900	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

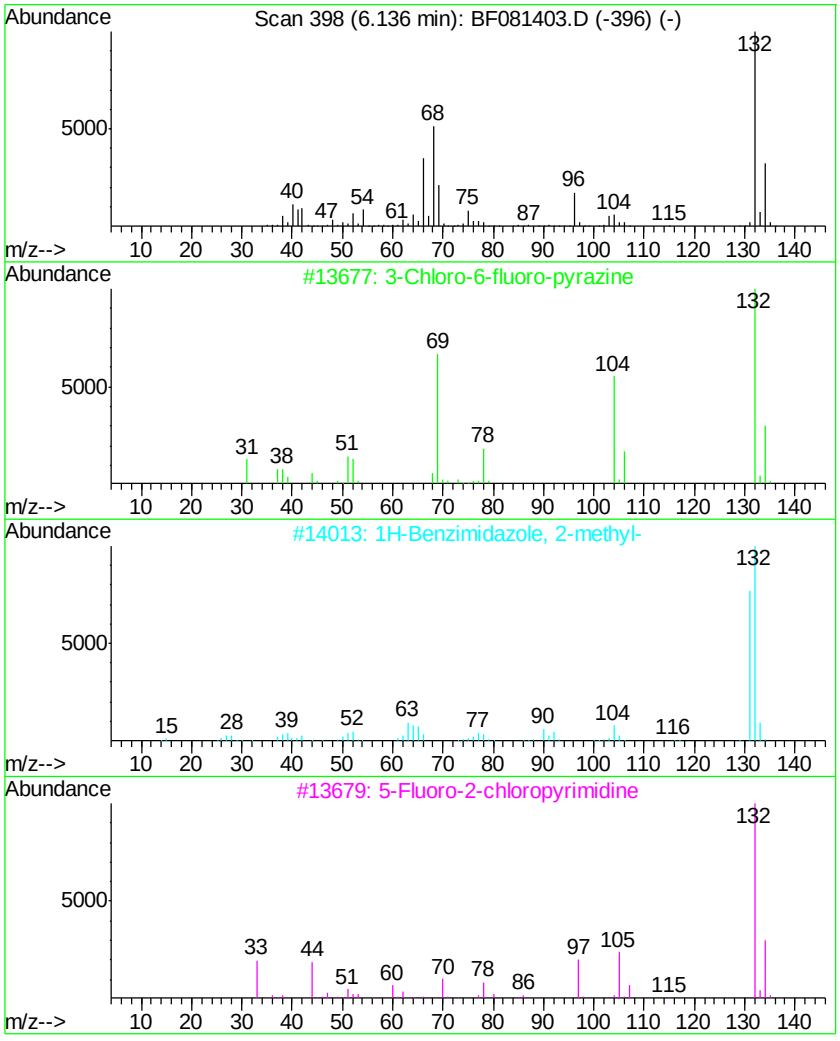
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

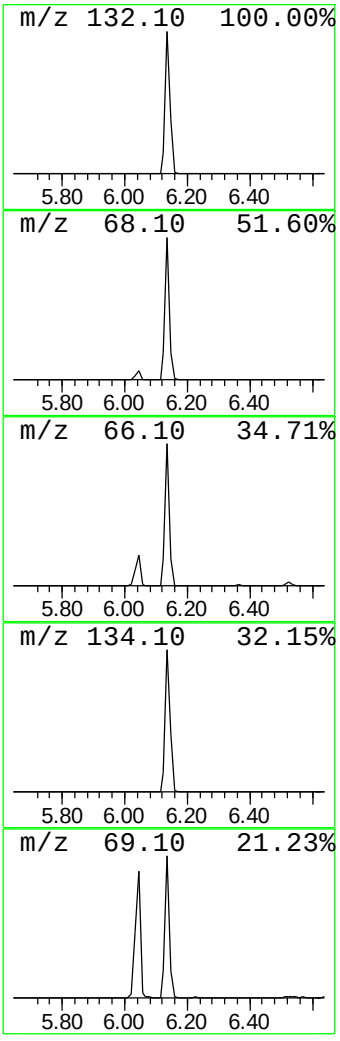
****

Peak Number 2 unknown6.14 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	113.86 ng	1984270	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

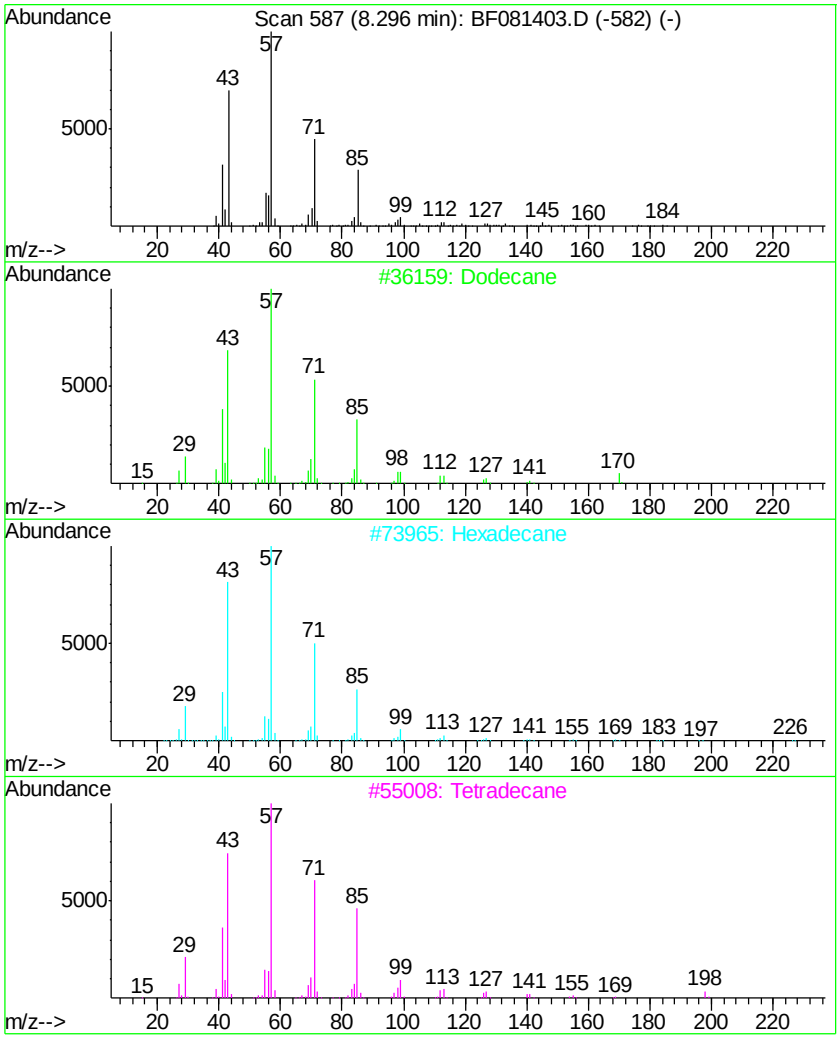
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

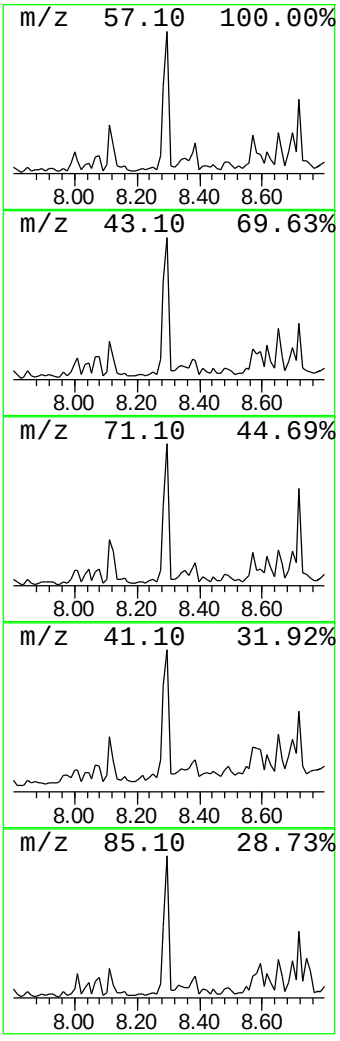
****

Peak Number 3 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	30.78 ng	3052470	Naphthalene-d8	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

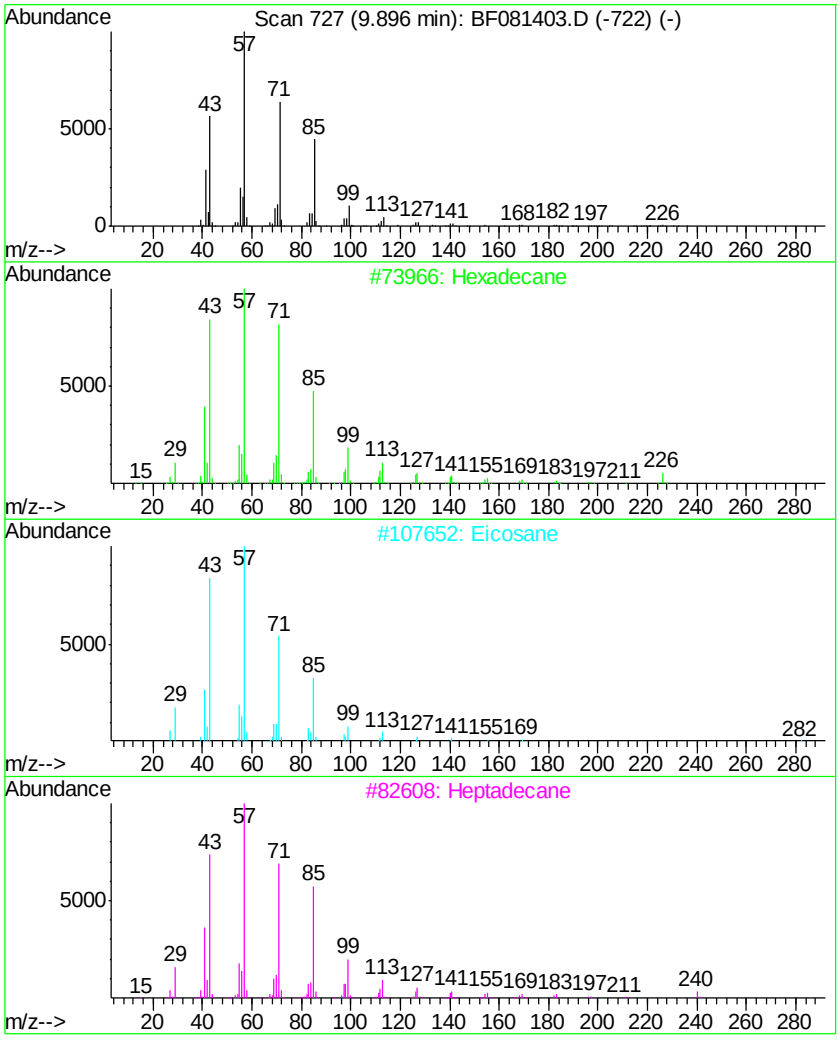
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

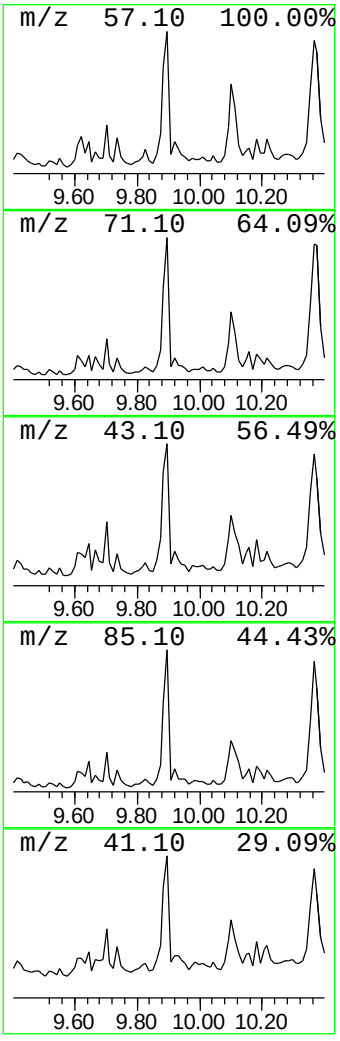
****

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	22.21 ng	5939220	Acenaphthene-d10	9.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

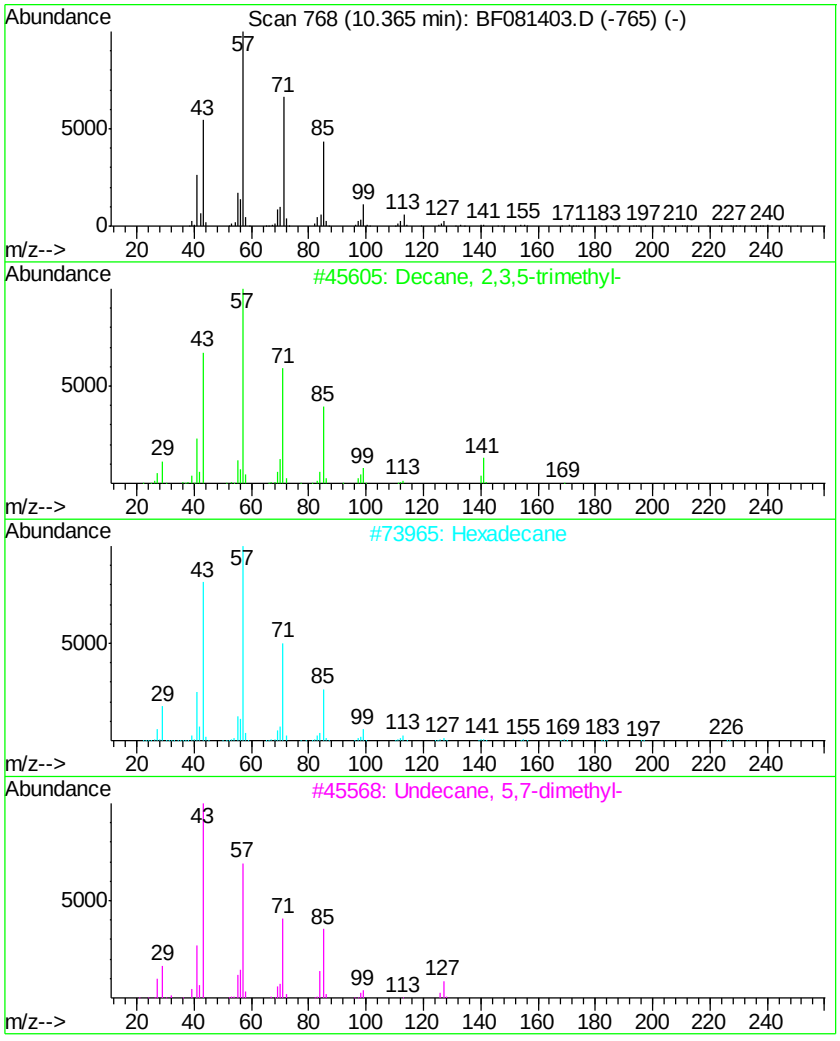
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

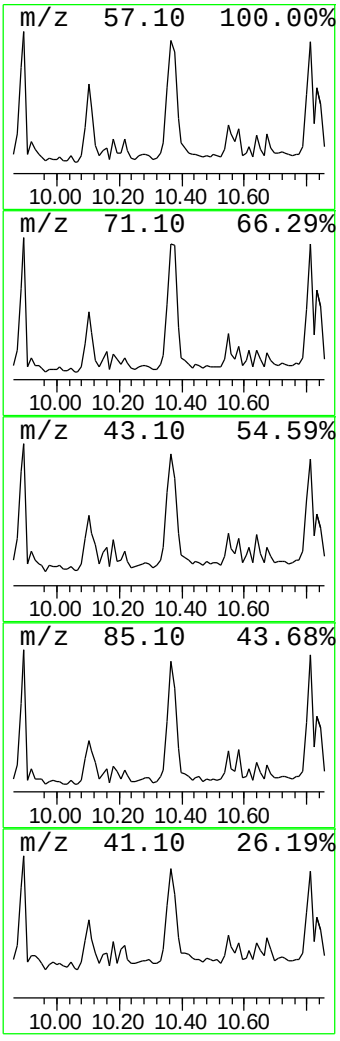
****

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	190.99 ng	7195590	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

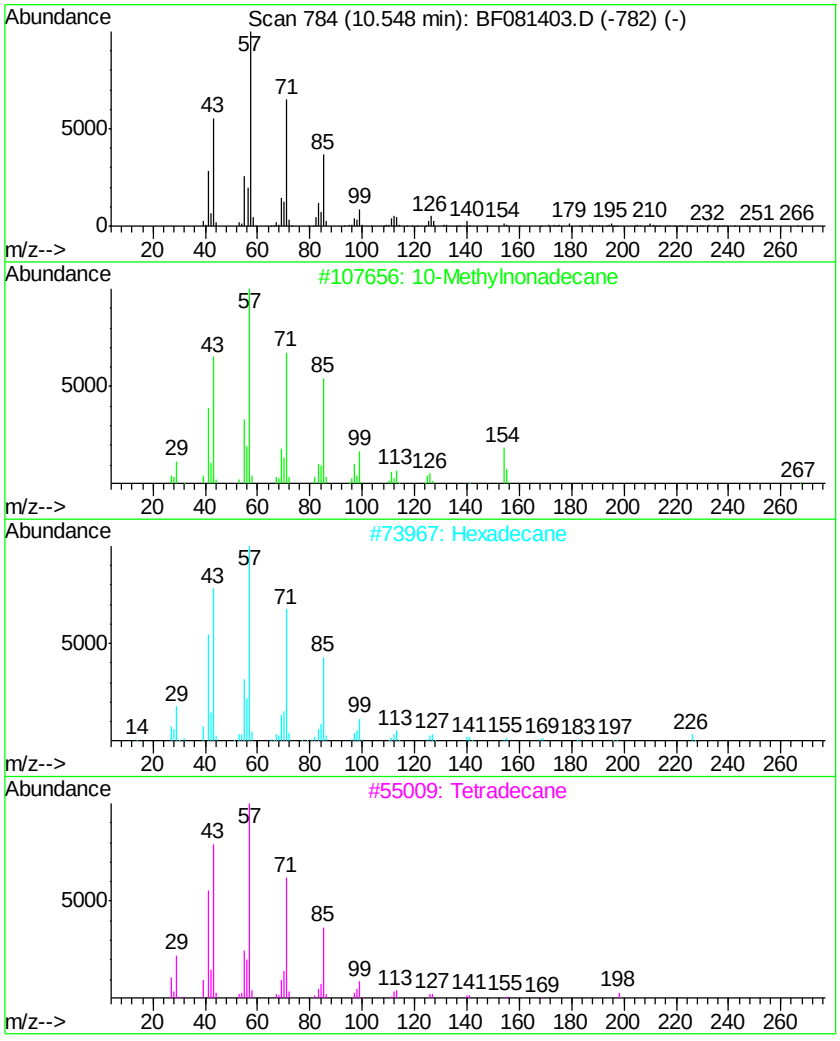
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

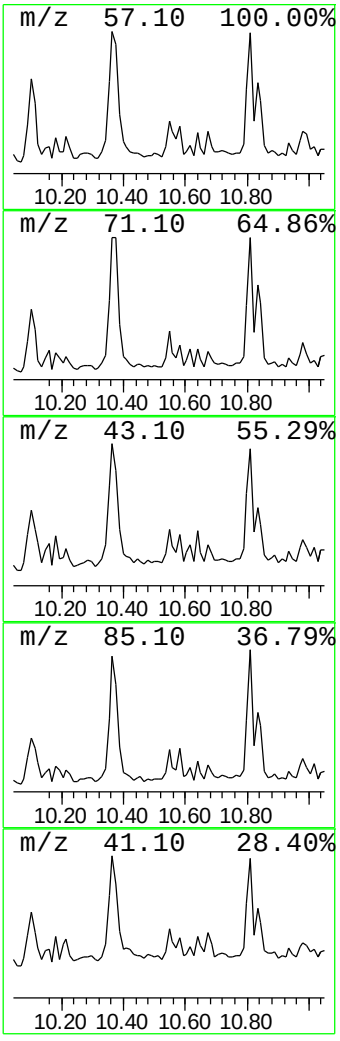
****

Peak Number 6 10-Methylnonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	42.79 ng	1612070	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	78
4	Eicosane	282	C20H42	000112-95-8	72
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

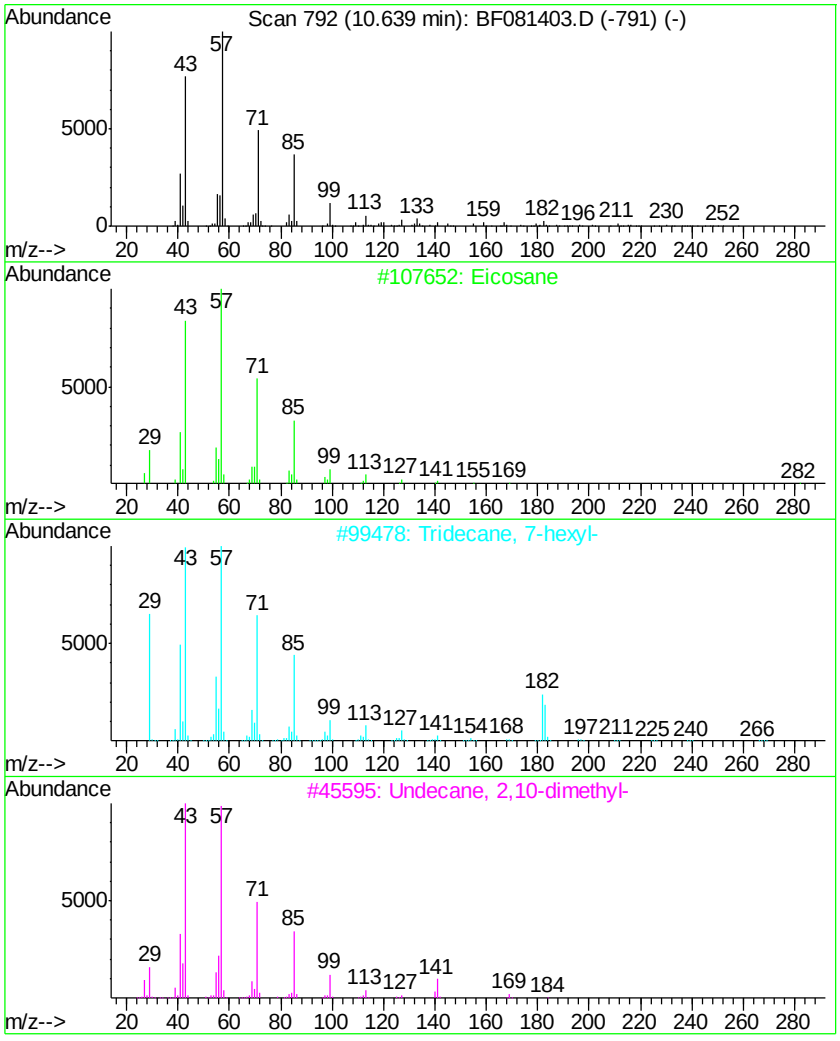
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

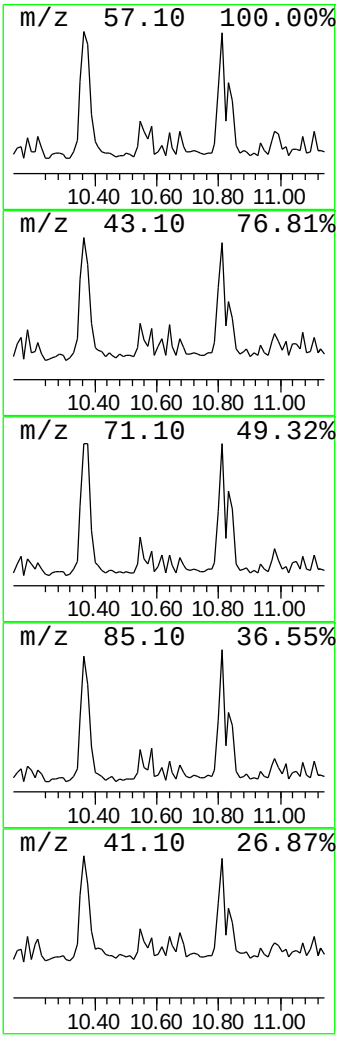
****

Peak Number 7 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	22.06 ng	830954	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	78
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

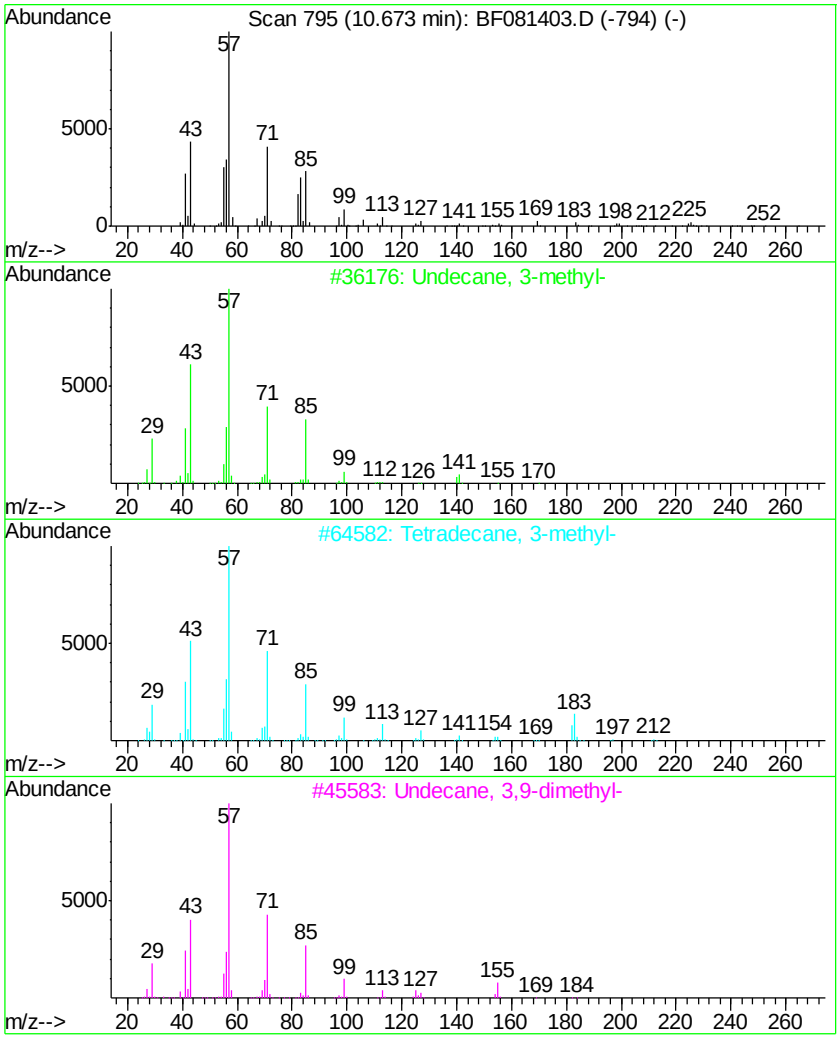
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

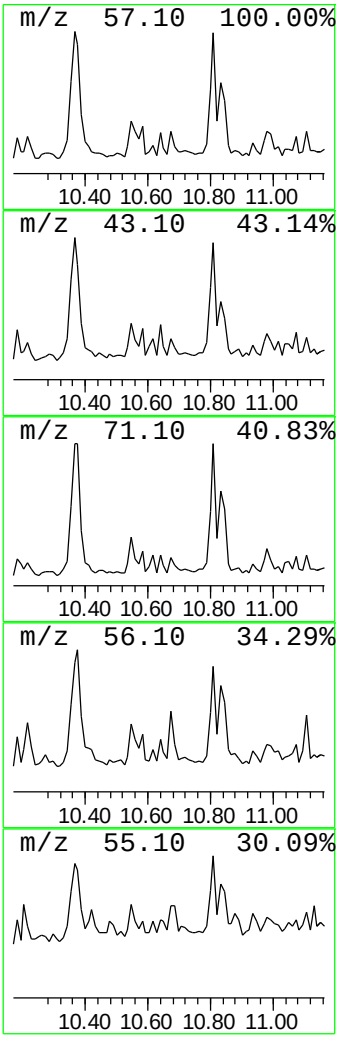
****

Peak Number 8 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	20.49 ng	772063	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	59
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

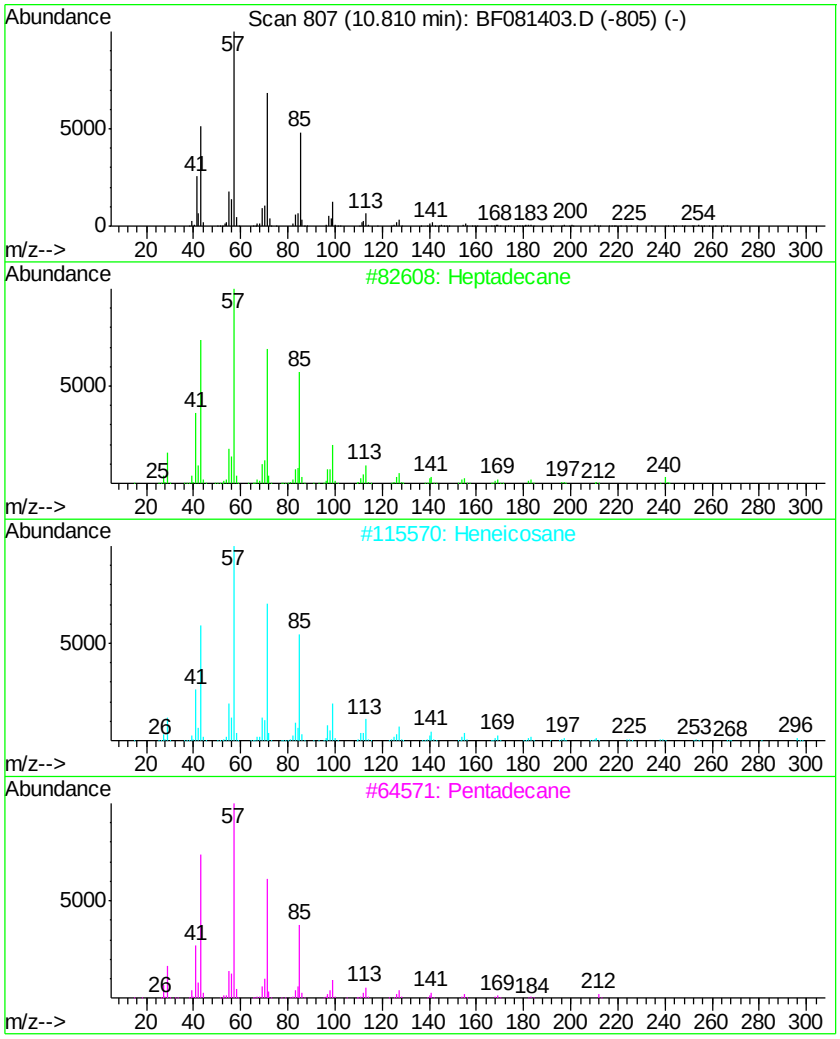
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

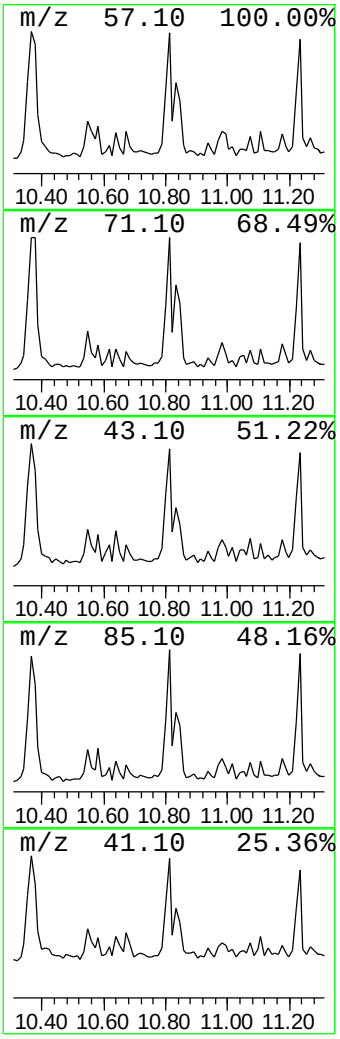
****

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	107.76 ng	4060050	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

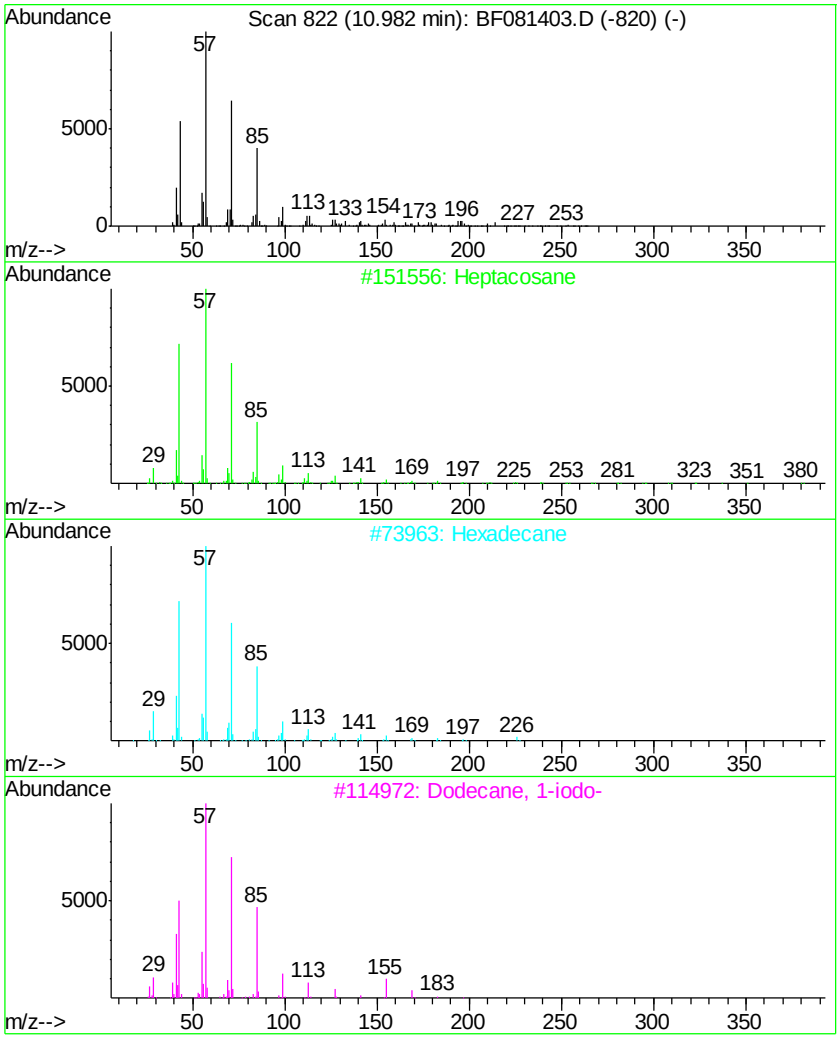
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

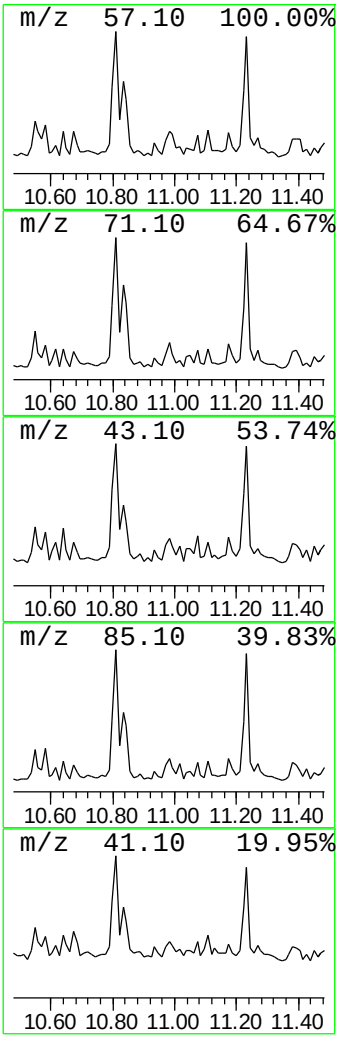
****

Peak Number 10 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	47.95 ng	1806540	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

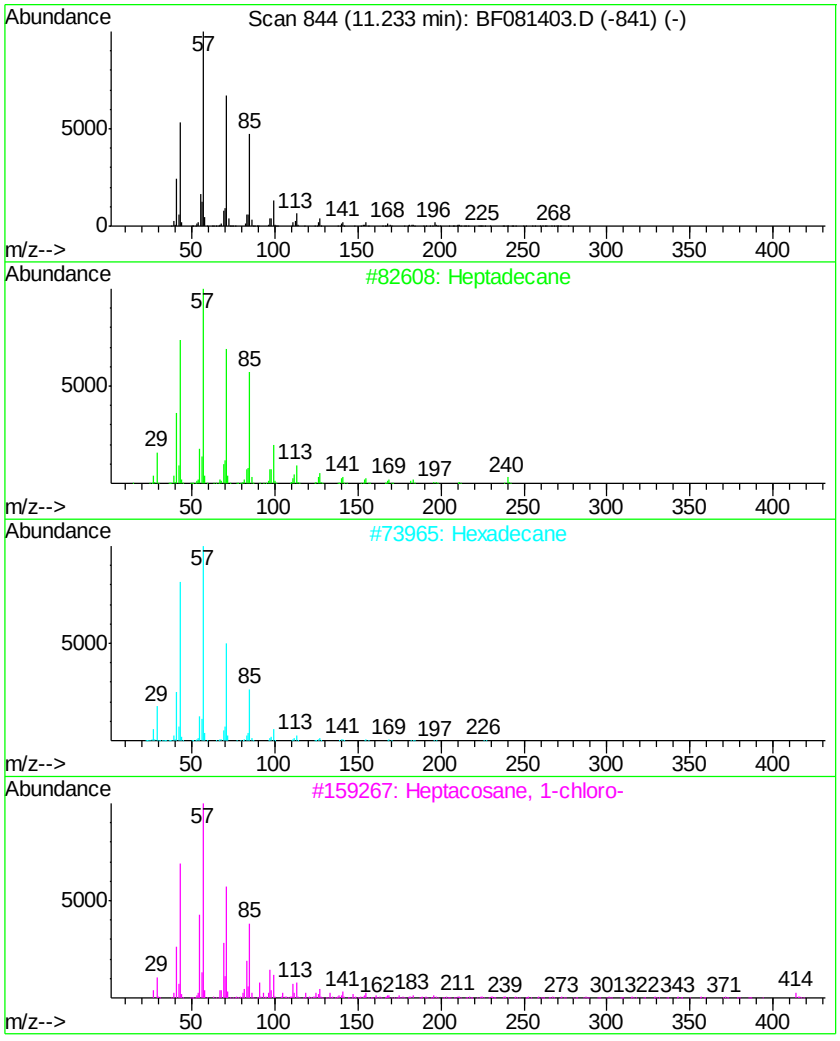
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

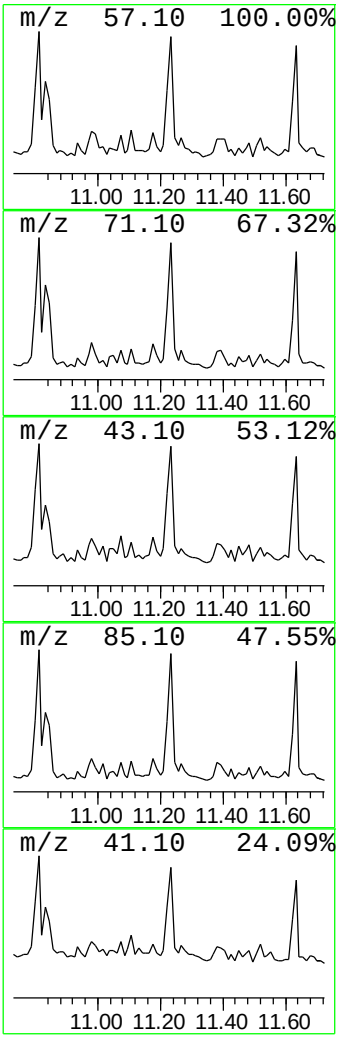
****

Peak Number 11 Heptacosane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	110.86 ng	4176720	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

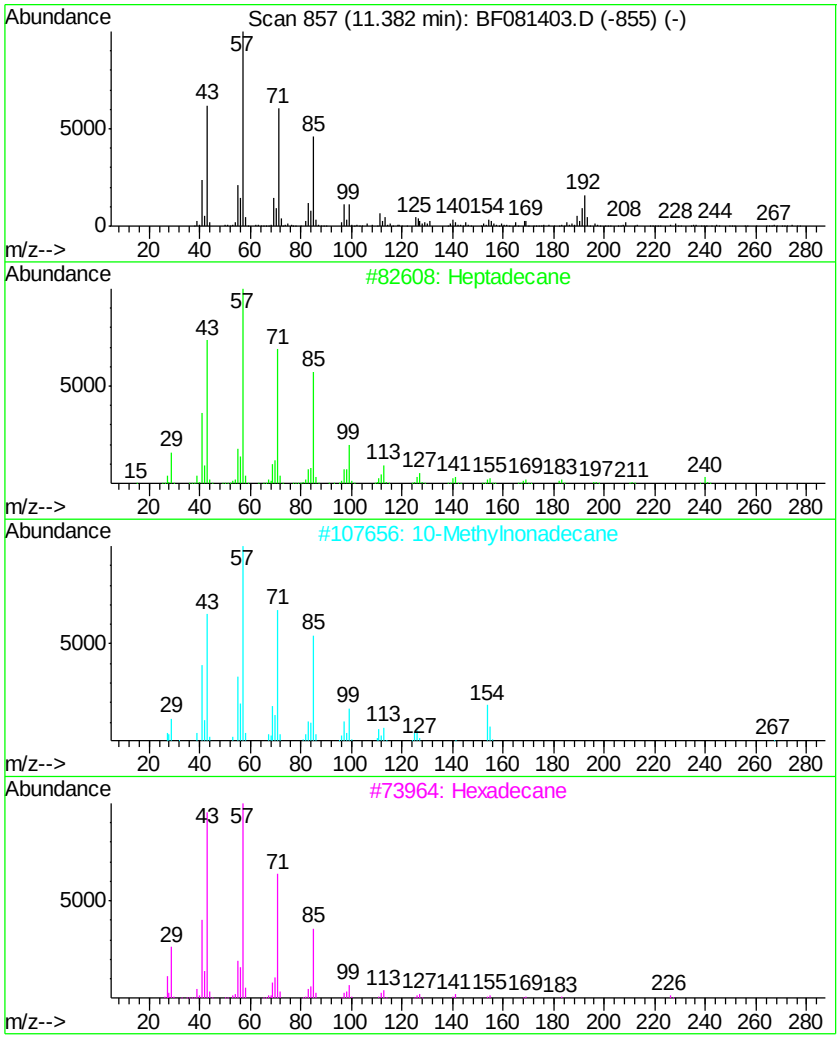
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

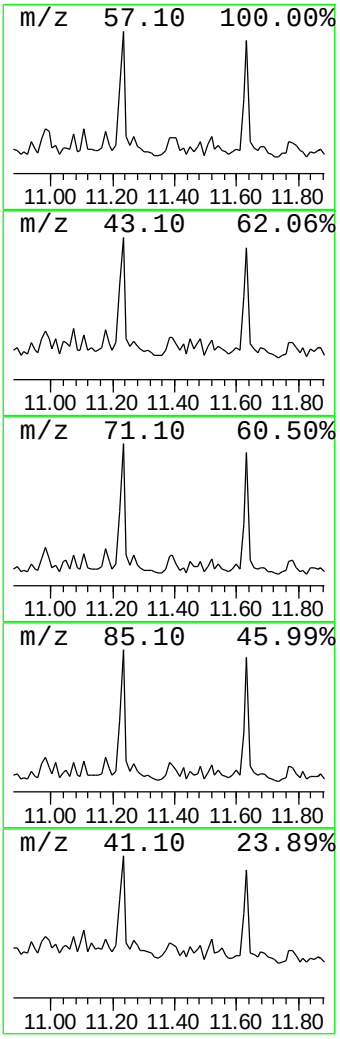
****

Peak Number 12 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	45.11 ng	1699610	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	10-Methylnonadecane	282	C20H42	056862-62-5	74
3	Hexadecane	226	C16H34	000544-76-3	58
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
5	Eicosane	282	C20H42	000112-95-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

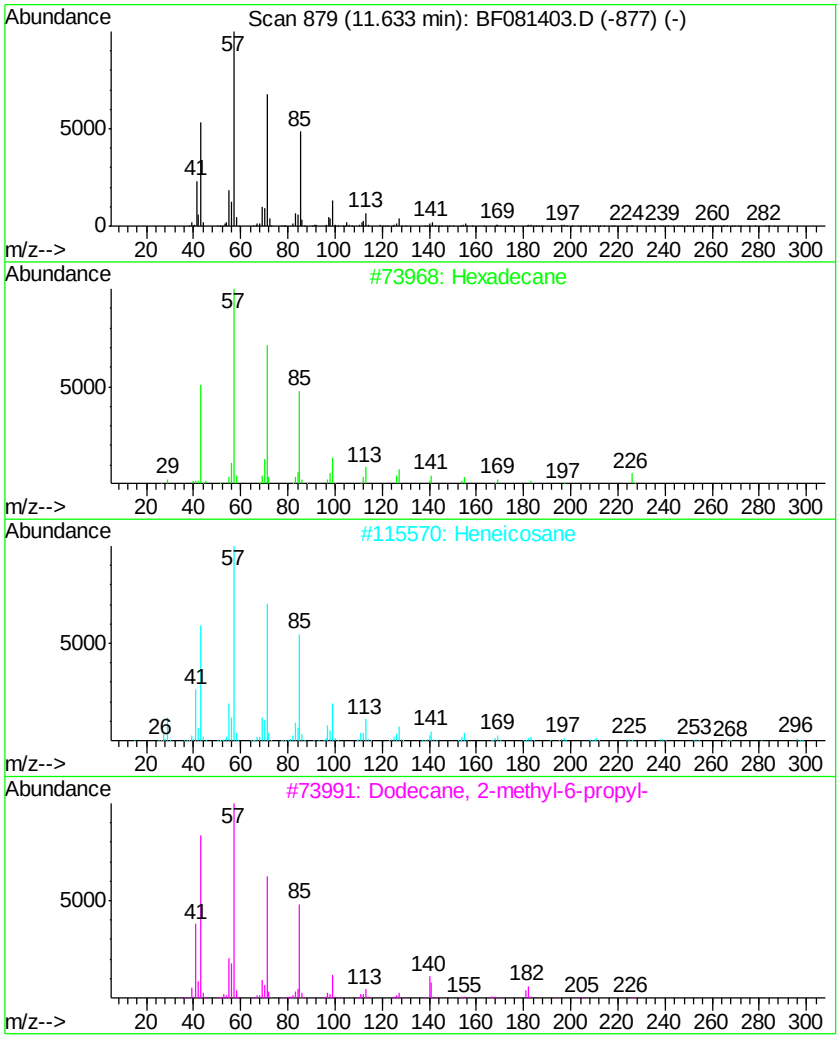
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

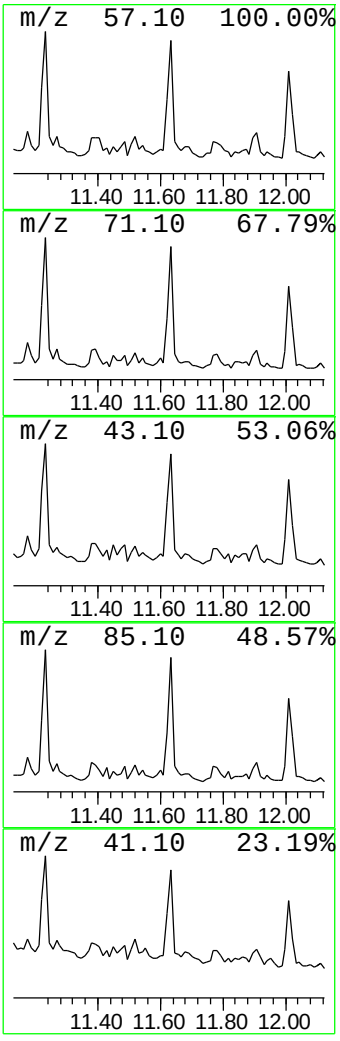
****

Peak Number 13 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	92.57 ng	3487680	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

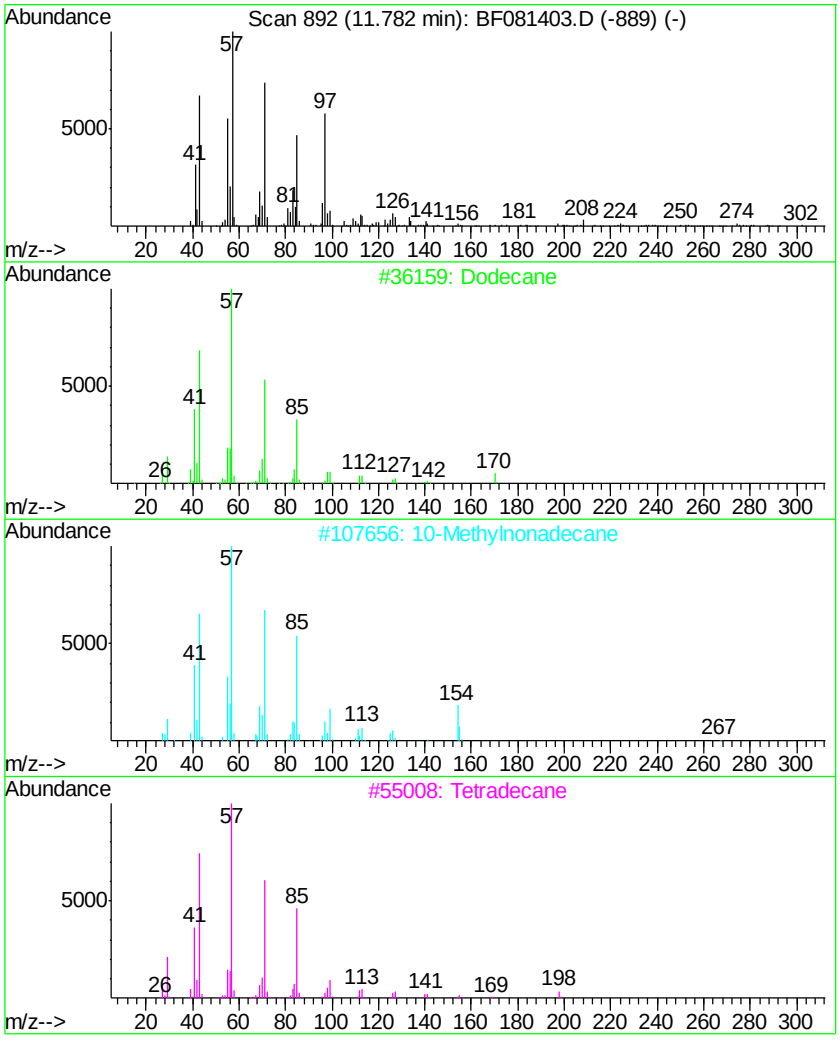
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

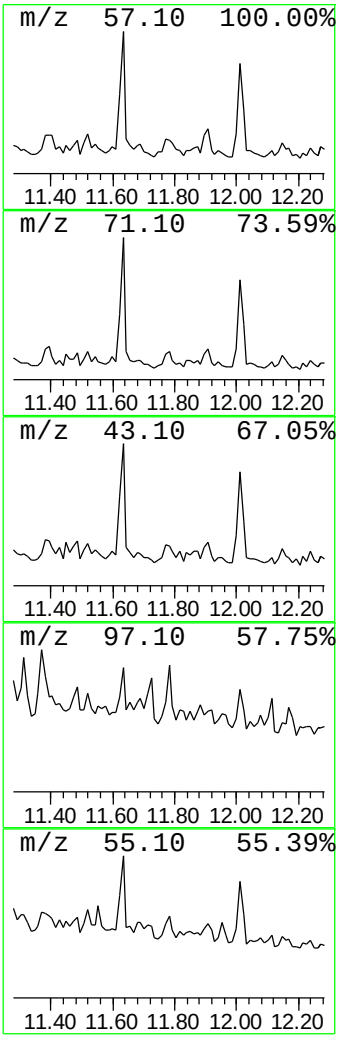
****

Peak Number 14 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	21.65 ng	815537	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	10-Methylnonadecane	282	C20H42	056862-62-5	68
3	Tetradecane	198	C14H30	000629-59-4	58
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

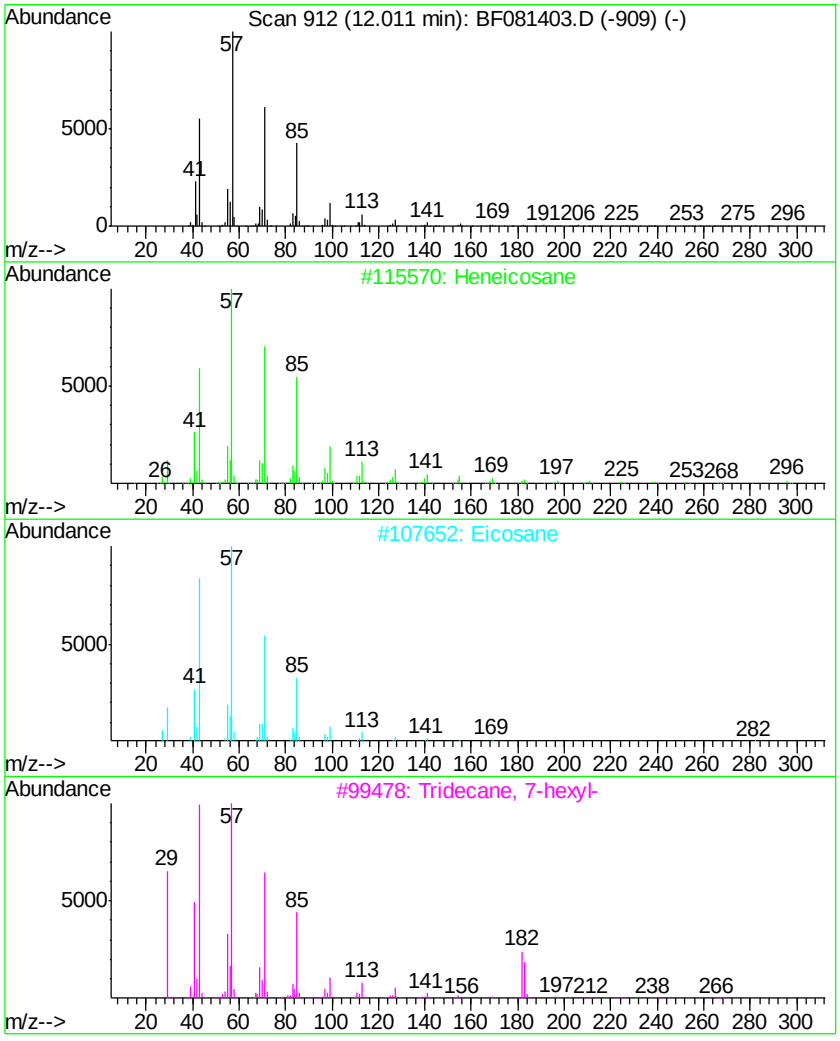
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

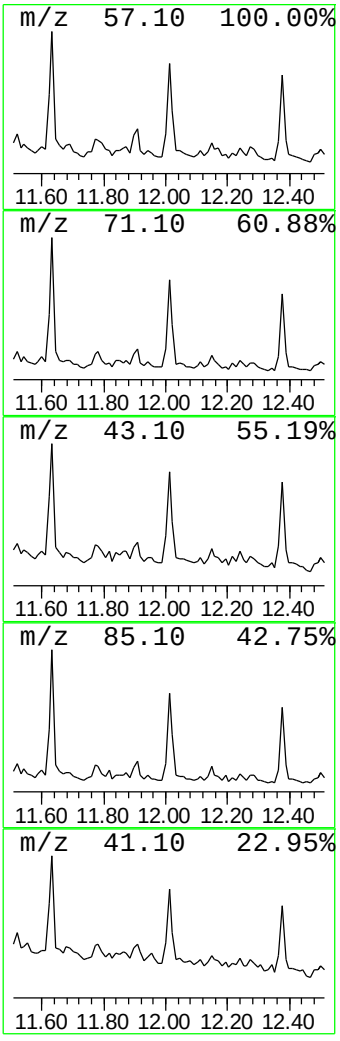
****

Peak Number 15 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	80.10 ng	3017830	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

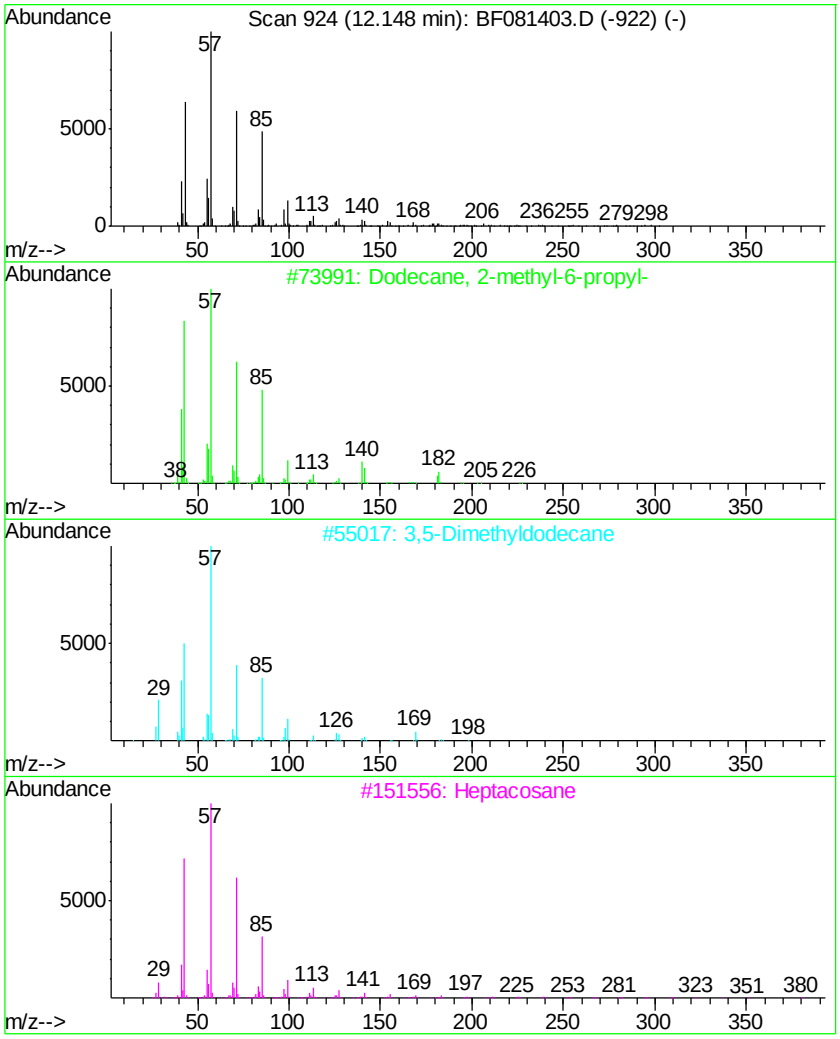
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

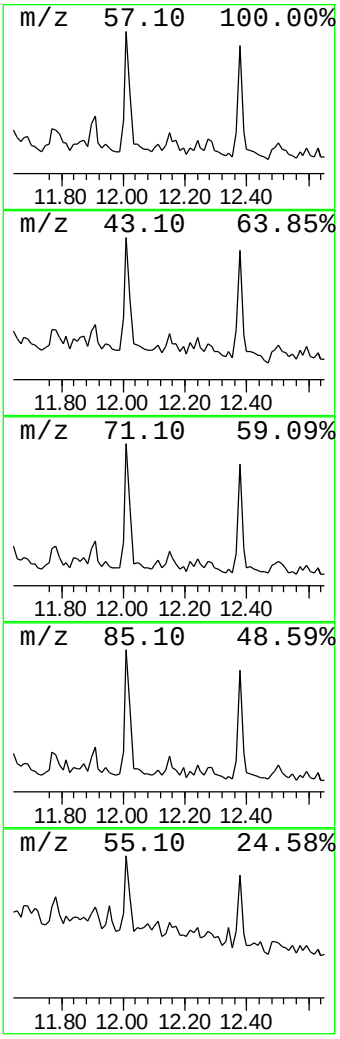
****

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	22.59 ng	851075	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

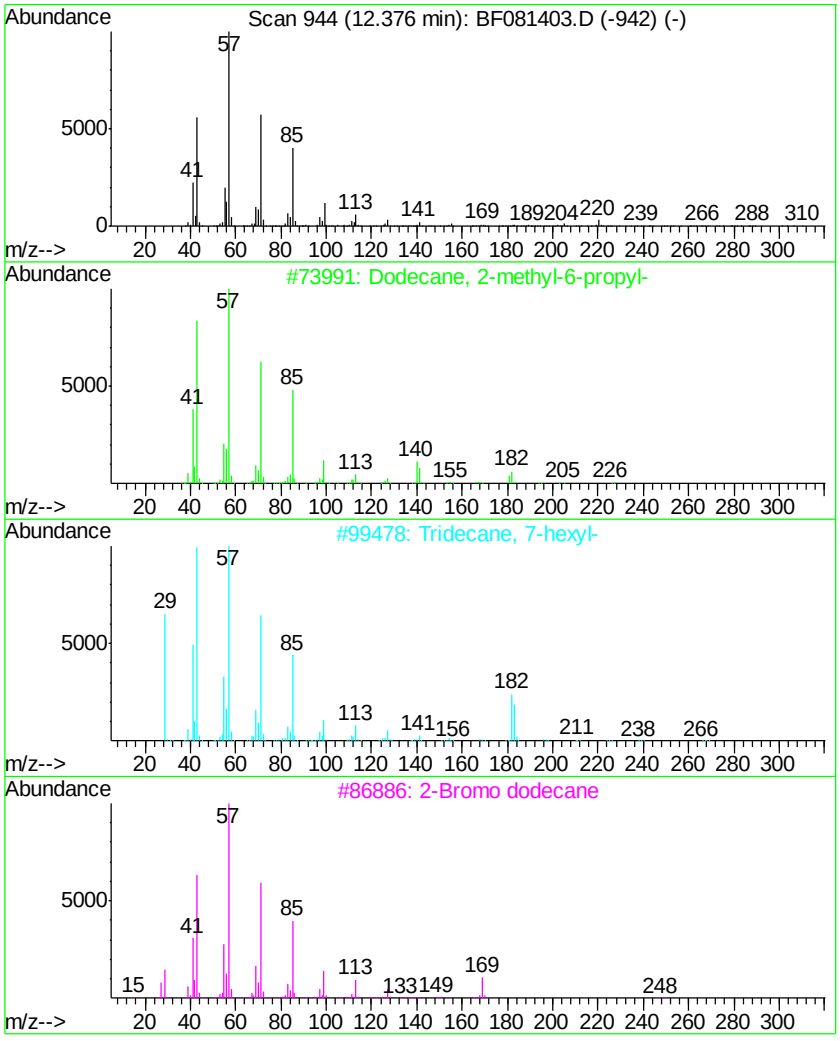
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

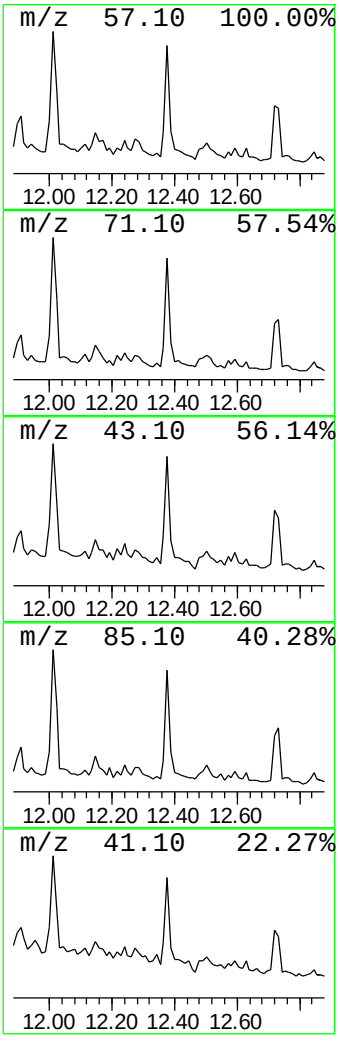
****

Peak Number 17 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	80.59 ng	2493170	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

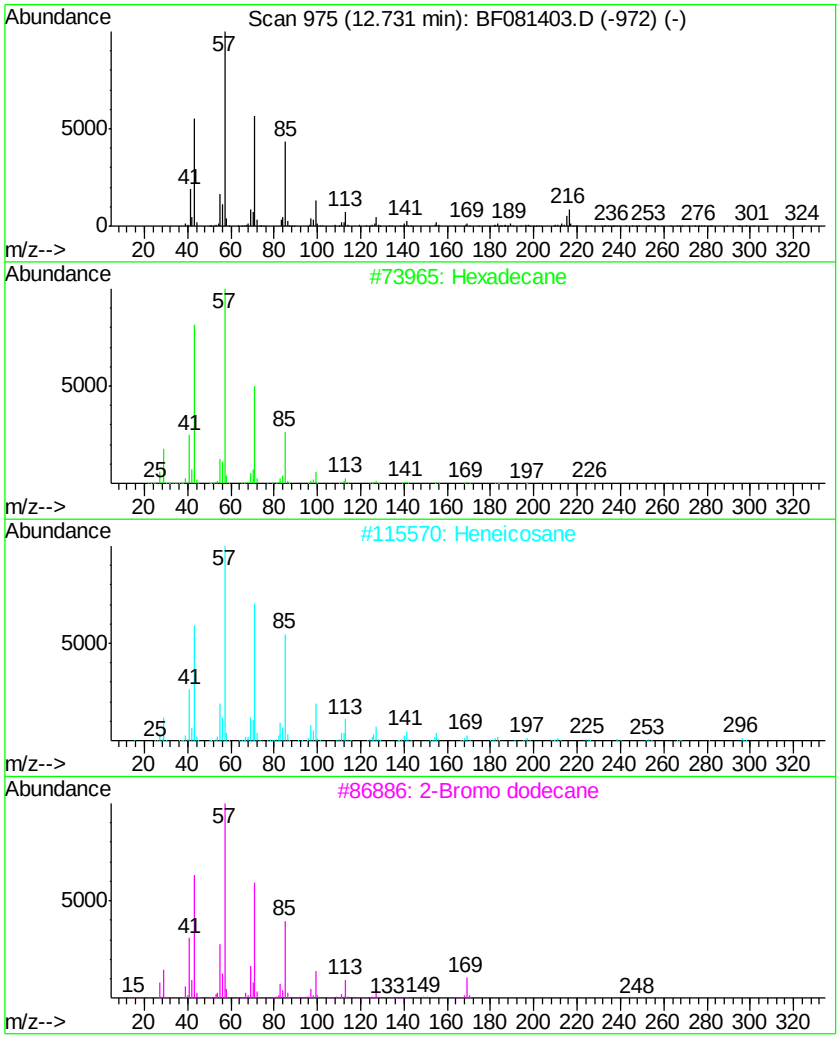
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

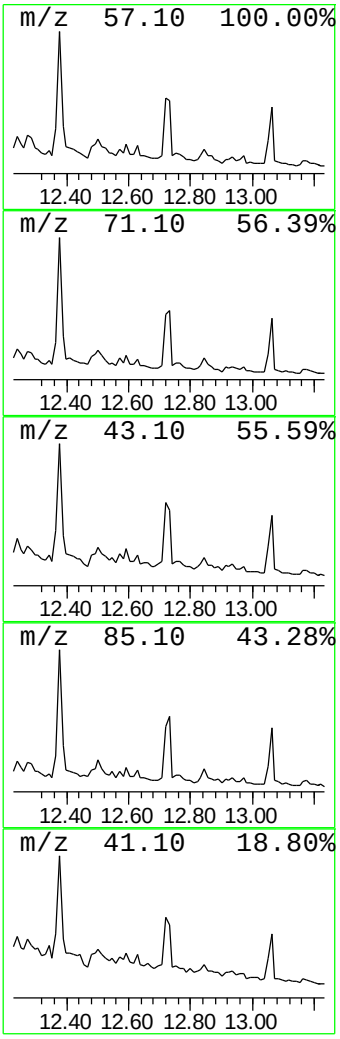
****

Peak Number 18 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	54.95 ng	1699780	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

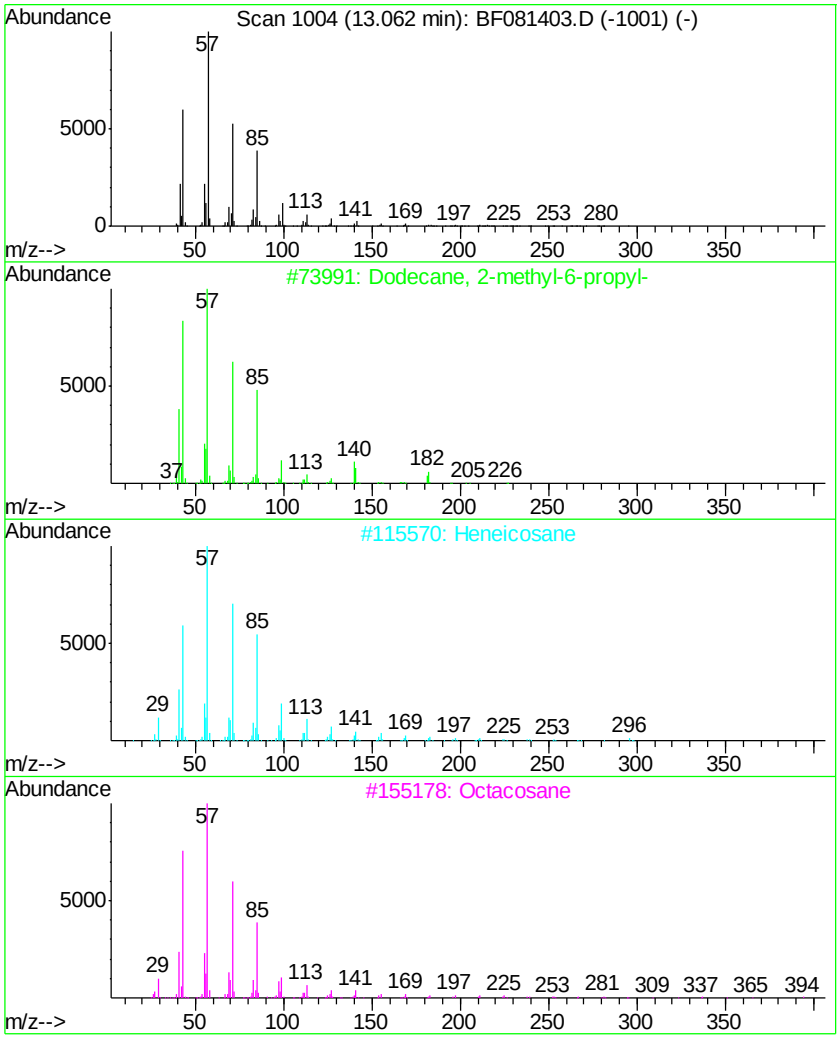
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

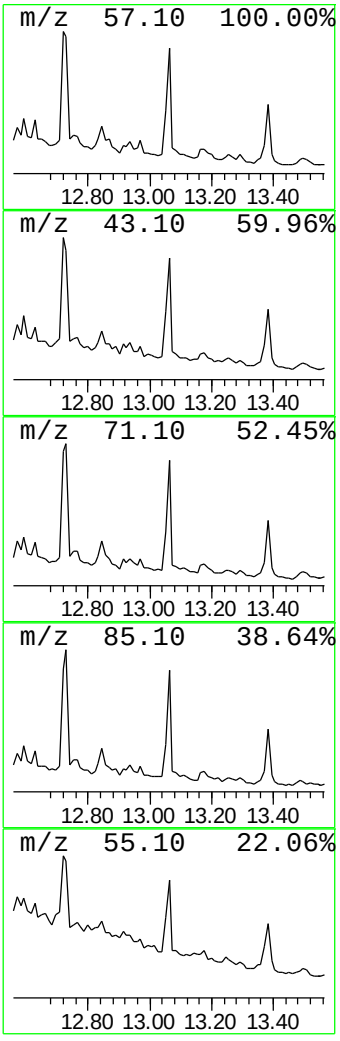
****

Peak Number 19 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	34.14 ng	1056030	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

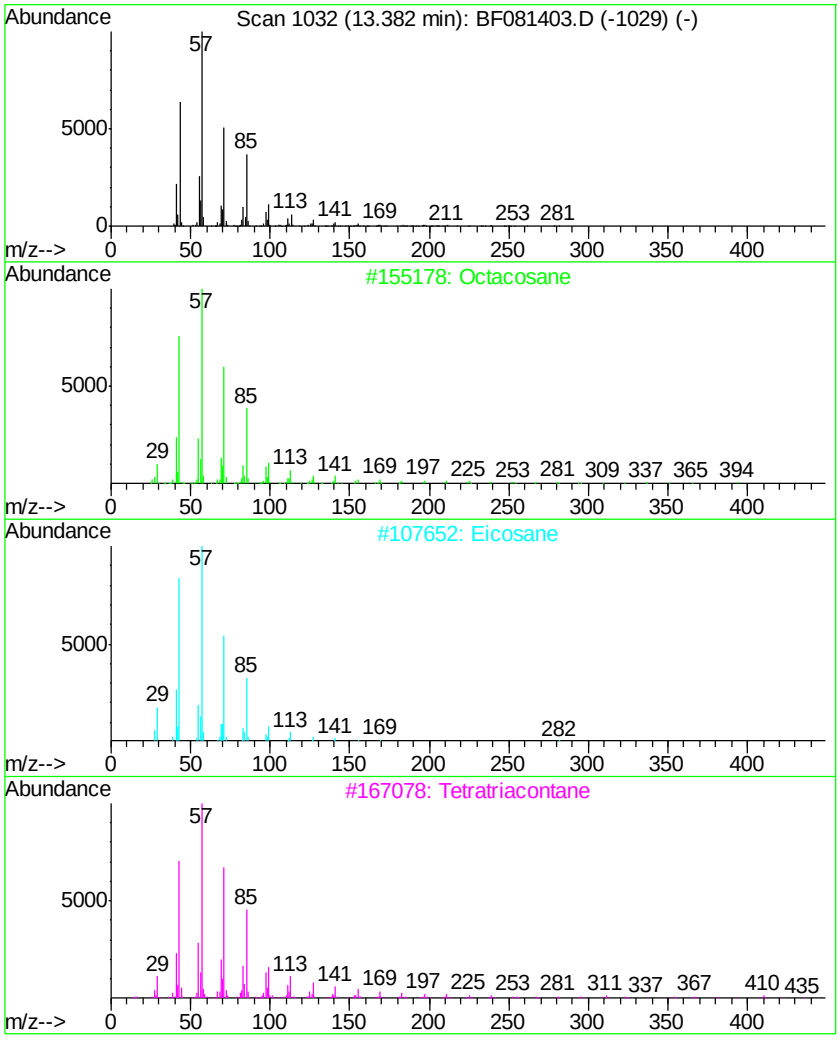
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

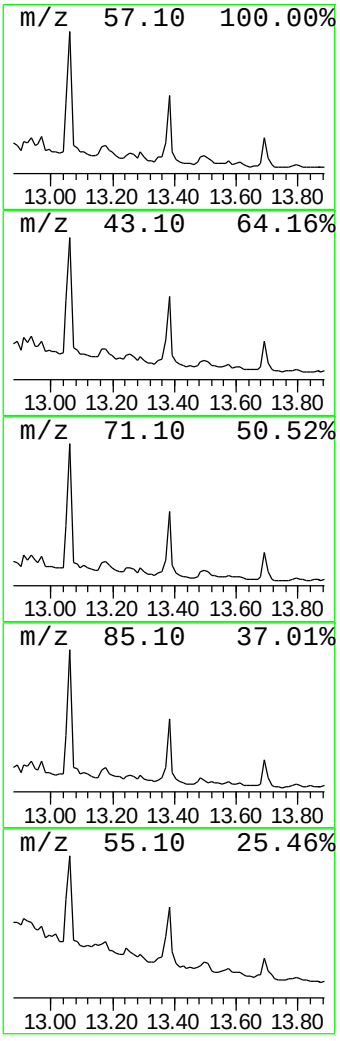
****

Peak Number 20 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	26.78 ng	828506	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081403.D
Acq On : 4 Sep 2015 5:19
Operator : UM/IZ
Sample : G3481-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-2-21(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Propane, 2-methyl...	4.42	86.9	ng	1514900	1	6.36	348544	20.0
unknown6.14	6.14	113.9	ng	1984270	1	6.36	348544	20.0
Dodecane	8.30	30.8	ng	3052470	2	7.66	1983630	20.0
Hexadecane	9.90	22.2	ng	5939220	3	9.40	5347700	20.0
Decane, 2,3,5-tri...	10.36	191.0	ng	7195590	4	10.88	753511	20.0
10-Methylnonadecane	10.55	42.8	ng	1612070	4	10.88	753511	20.0
Eicosane	10.64	22.1	ng	830954	4	10.88	753511	20.0
Undecane, 3-methyl-	10.67	20.5	ng	772063	4	10.88	753511	20.0
Heptadecane	10.81	107.8	ng	4060050	4	10.88	753511	20.0
Heptacosane	10.98	48.0	ng	1806540	4	10.88	753511	20.0
Heptacosane, 1-ch...	11.23	110.9	ng	4176720	4	10.88	753511	20.0
Nonane, 5-butyl-	11.38	45.1	ng	1699610	4	10.88	753511	20.0
Heneicosane	11.63	92.6	ng	3487680	4	10.88	753511	20.0
Tetradecane	11.78	21.6	ng	815537	4	10.88	753511	20.0
Tridecane, 7-hexyl-	12.01	80.1	ng	3017830	4	10.88	753511	20.0
Dodecane, 2-methy...	12.15	22.6	ng	851075	4	10.88	753511	20.0
Tetracosane	12.38	80.6	ng	2493170	5	13.47	618714	20.0
2-Bromo dodecane	12.73	55.0	ng	1699780	5	13.47	618714	20.0
Pentacosane	13.06	34.1	ng	1056030	5	13.47	618714	20.0
Octacosane	13.38	26.8	ng	828506	5	13.47	618714	20.0