LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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-BF120916.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	5.001	251	255	263	rBV	2454606	3565711	39.38%	2.719%
2	5.424	289	292	295	rVB	7141419	8099878	89.45%	6.176%
3	5.710	316	317	320	rVB	154319	209344	2.31%	0.160%
4	6.064	346	348	351	rVB2	168228	229938	2.54%	0.175%
5	6.247	361	364	367	rBV	106514	190667	2.11%	0.145%
6	6.339	371	372	376	rVB	189004	353636	3.91%	0.270%
7	6.407	376	378	380	rBV	288622	290432	3.21%	0.221%
8	6.453	380	382	384	rVV	6046303	8956400	98.91%	6.829%
9	6.499	384	386	389	rVB	187099	221091	2.44%	0.169%
10	6.590	391	394	396	rVV	6715420	9055137	100.00%	6.905%
11	6.659	396	400	402	rVB2	663001	862496	9.52%	0.658%
12	6.807	411	413	417	rVB	1627938	2044477	22.58%	1.559%
13	6.967	425	427	430	rBV	6309850	6575575	72.62%	5.014%
14	7.070	431	436	437	rBV2	149762	320197	3.54%	0.244%
15	7.093	437	438	440	rVB	342479	322197	3.56%	0.246%
16	7.139	440	442	443	rBV2	335587	451257	4.98%	0.344%
17	7.207	446	448	450	rBV	518679	489706	5.41%	0.373%
18	7.287	453	455	458	rBV	145733	243034	2.68%	0.185%
19	7.379	458	463	465	rBV	5421823	6454304	71.28%	4.922%
20	7.424	465	467	468	rVB	1053728	1139641	12.59%	0.869%
21	7.470	468	471	472	rBV2	244236	310546	3.43%	0.237%
22	7.539	475	477	479	rVB2	141581	176919	1.95%	0.135%
23	7.584	479	481	482	rBV2	176612	228625	2.52%	0.174%
24	7.619	482	484	486	rVB2	402847	551608	6.09%	0.421%
25	7.733	489	494	495	rBV3	254976	649927	7.18%	0.496%
26	7.790	497	499	500	rVB	287742	304902	3.37%	0.232%
27	7.836	500	503	504	rBV2	462359	767441	8.48%	0.585%
28	7.859	504	505	507	rVB2	393603	455186	5.03%	0.347%
29	7.904	507	509	510	rBV	260893	315027	3.48%	0.240%
30	7.939	510	512	513	rVB2	361967	399065	4.41%	0.304%
31	7.973	513	515	516	rBV	186907	184412	2.04%	0.141%
32	8.099	523	526	527	rVV2	2974556	3924884	43.34%	2.993%
33	8.122	527	528	529	rVV	199847	173033	1.91%	0.132%
34	8.167	531	532	533	rVB	389688	267131	2.95%	0.204%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.190	533	534	538	rVB3	190291	329449	3.64%	0.251%
36	8.293	538	543	546	rBV5	299340	807411	8.92%	0.616%
37	8.350	546	548	549	rBV2	103925	182097	2.01%	0.139%
38	8.396	549	552	556	rBV4	353693	657342	7.26%	0.501%
39	8.453	556	557	558	rVB	386646	265239	2.93%	0.202%
40	8.487	558	560	561	rBV	566290	508522	5.62%	0.388%
41	8.533	561	564	566	rBV3	446905	648901	7.17%	0.495%
42	8.602	568	570	572	rBV2	671727	714448	7.89%	0.545%
43	8.647	572	574	576	rBV3	109319	184787	2.04%	0.141%
44	8.693	576	578	580	rBV	1344621	1836070	20.28%	1.400%
45	8.762	580	584	585	rVB2	348741	428010	4.73%	0.326%
46	8.796	585	587	590	rVB4	319600	433502	4.79%	0.331%
47	8.853	590	592	595	rBV4	71473	175321	1.94%	0.134%
48	8.922	595	598	599	rBV2	651037	859119	9.49%	0.655%
49	8.979	602	603	604	rBV	278214	255071	2.82%	0.194%
50	9.059	609	610	612	rVB	378493	368379	4.07%	0.281%
51	9.105	612	614	615	rBV2	331147	450347	4.97%	0.343%
52	9.127	615	616	618	rVV2	557957	517654	5.72%	0.395%
53	9.173	618	620	622	rVB	6317619	8696215	96.04%	6.631%
54	9.265	625	628	630	rBV	2482969	2554749	28.21%	1.948%
55	9.322	630	633	636	rVB2	375236	645493	7.13%	0.492%
56	9.425	640	642	646	rVB4	205588	527854	5.83%	0.402%
57	9.516	646	650	653	rBV5	455266	1368531	15.11%	1.044%
58	9.573	653	655	659	rBV3	977133	2173240	24.00%	1.657%
59	9.642	659	661	662	rVB2	454083	527381	5.82%	0.402%
60	9.676	662	664	666	rBV3	95001	176987	1.95%	0.135%
61	9.733	666	669	670	rBV2	119549	217940	2.41%	0.166%
62	9.790	672	674	676	rVB	2687647	2243664	24.78%	1.711%
63	9.848	676	679	681	rBV	2795491	2921967	32.27%	2.228%
64	9.962	687	689	691	rVB	191204	237791	2.63%	0.181%
65	10.030	692	695	696	rBV	333576	679775	7.51%	0.518%
66	10.053	696	697	698	rVV	382846	309158	3.41%	0.236%
67	10.110	700	702	704	rVB2	500418	600506	6.63%	0.458%
68	10.293	715	718	719	rVV	2518268	2469530	27.27%	1.883%
69	10.396	725	727	728	rBV2	108283	202084	2.23%	0.154%
70	10.510	734	737	740	rBV	1022884	1340899	14.81%	1.022%
71	10.590	743	744	746	rBV2	325770	423514	4.68%	0.323%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.636	746	748	750	rVB	4517275	5108779	56.42%	3.896%
73	10.762	757	759	763	rVB	2784240	3261293	36.02%	2.487%
74	10.968	774	777	780	rVB2	269604	634320	7.01%	0.484%
75	11.048	783	784	785	rBV	238486	186850	2.06%	0.142%
76	11.082	785	787	790	rVB4	221008	347399	3.84%	0.265%
77	11.208	796	798	800	rVV	2373747	2284416	25.23%	1.742%
78	11.242	800	801	804	rVB	971346	774558	8.55%	0.591%
79	11.333	807	809	811	rBV	2218113	2334739	25.78%	1.780%
80	11.391	811	814	818	rVV2	164008	348697	3.85%	0.266%
81	11.516	823	825	827	rVV2	239644	187741	2.07%	0.143%
82	11.585	829	831	833	rVB	238482	274245	3.03%	0.209%
83	11.631	833	835	838	rBV	1472846	1648267	18.20%	1.257%
84	11.802	847	850	854	rBV4	141272	407020	4.49%	0.310%
85	11.871	854	856	857	rVV	253384	328528	3.63%	0.251%
86	11.928	860	861	864	rVV2	135190	224894	2.48%	0.171%
87	12.042	868	871	873	rVB	1388301	1198727	13.24%	0.914%
88	12.191	882	884	889	rVB3	140450	261986	2.89%	0.200%
89	12.328	893	896	897	rVV2	118143	206702	2.28%	0.158%
90	12.431	902	905	907	rVB	1029460	929414	10.26%	0.709%
91	12.568	916	917	922	rVB2	97553	181443	2.00%	0.138%
92	12.648	922	924	927	rBV3	109084	193671	2.14%	0.148%
93	12.796	936	937	943	rVB	717925	700981	7.74%	0.535%
94	12.922	945	948	950	rBV	6251031	7623610	84.19%	5.813%
95	13.151	967	968	970	rVB	434757	392965	4.34%	0.300%
96	13.494	996	998	1002	rVB	284423	274617	3.03%	0.209%
97	13.814	1023	1026	1032	rVB	359307	501990	5.54%	0.383%
98	13.962	1036	1039	1041	rBV	1503981	1867265	20.62%	1.424%
99	14.442	1077	1081	1087	rBV3	91770	186248	2.06%	0.142%
100	15.368	1159	1162	1165	rBV	1183523	1550175	17.12%	1.182%

Sum of corrected areas: 131144311

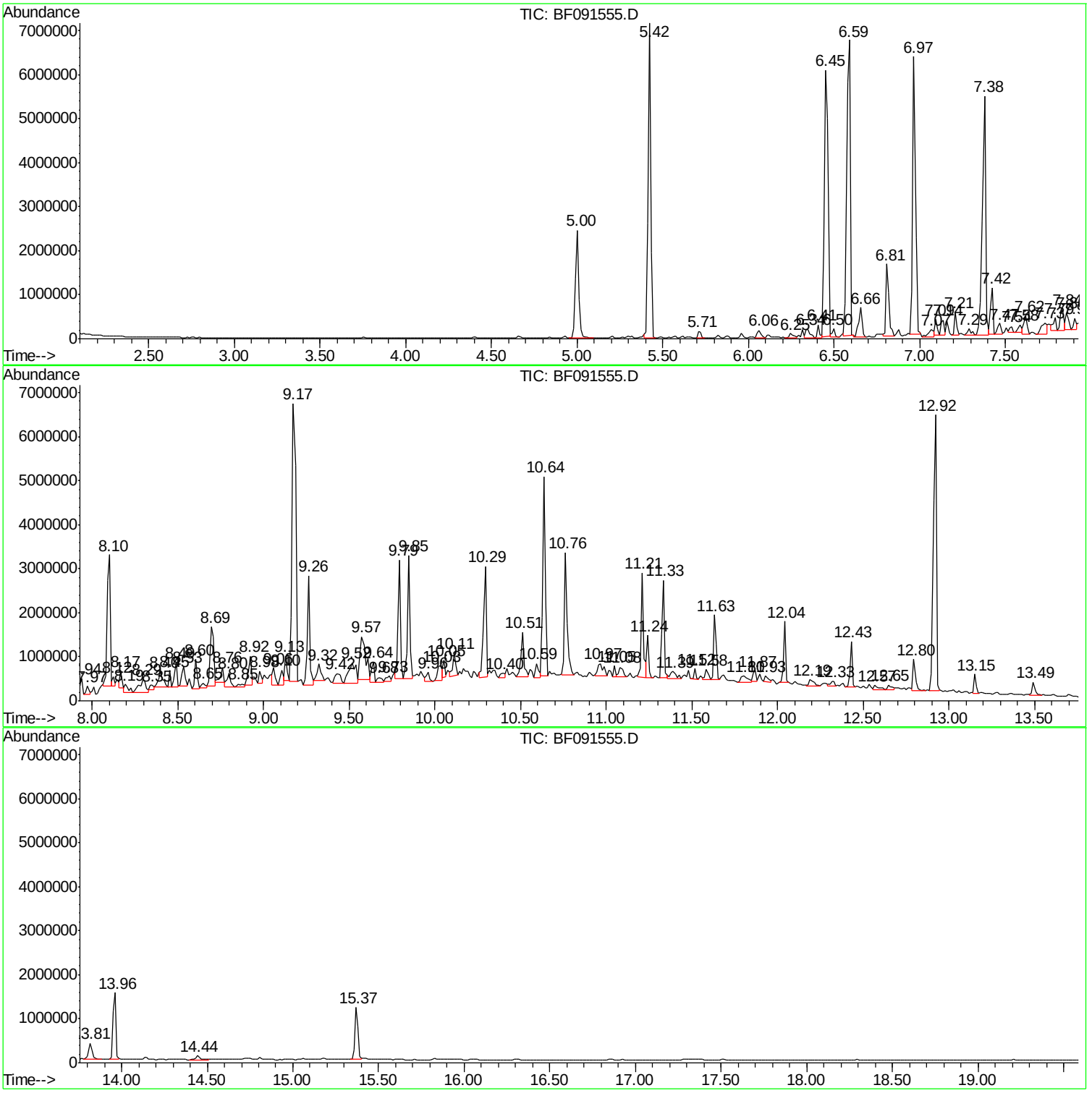
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

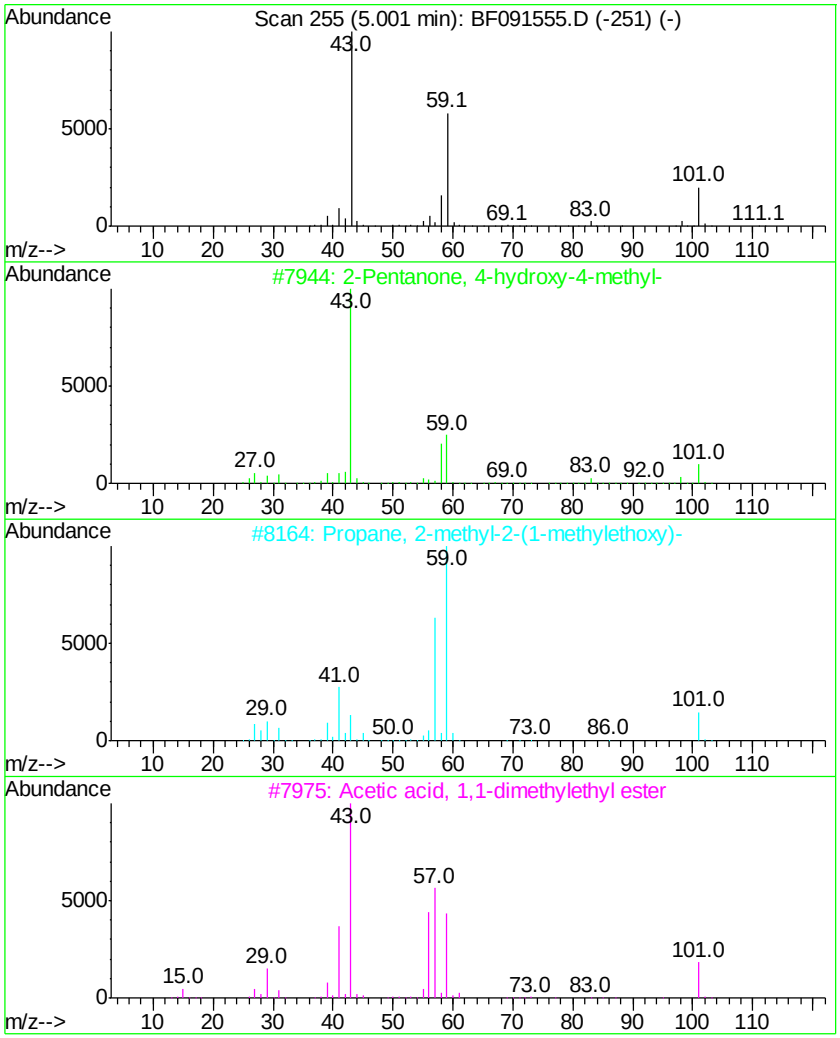
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

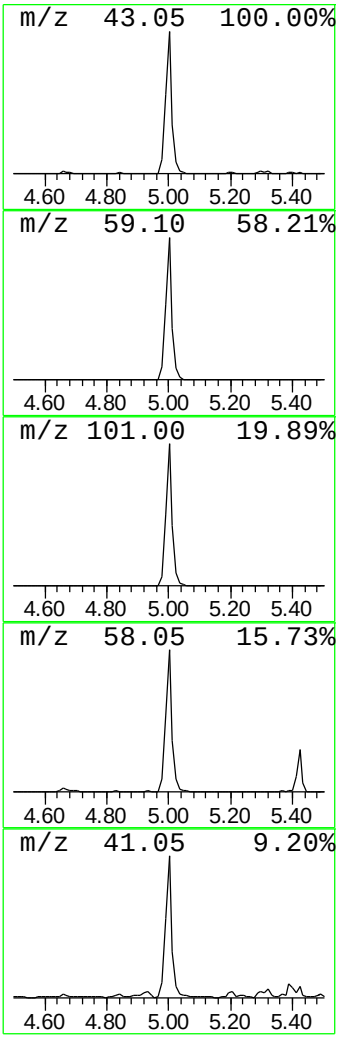
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	34.88 ng	3565710	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

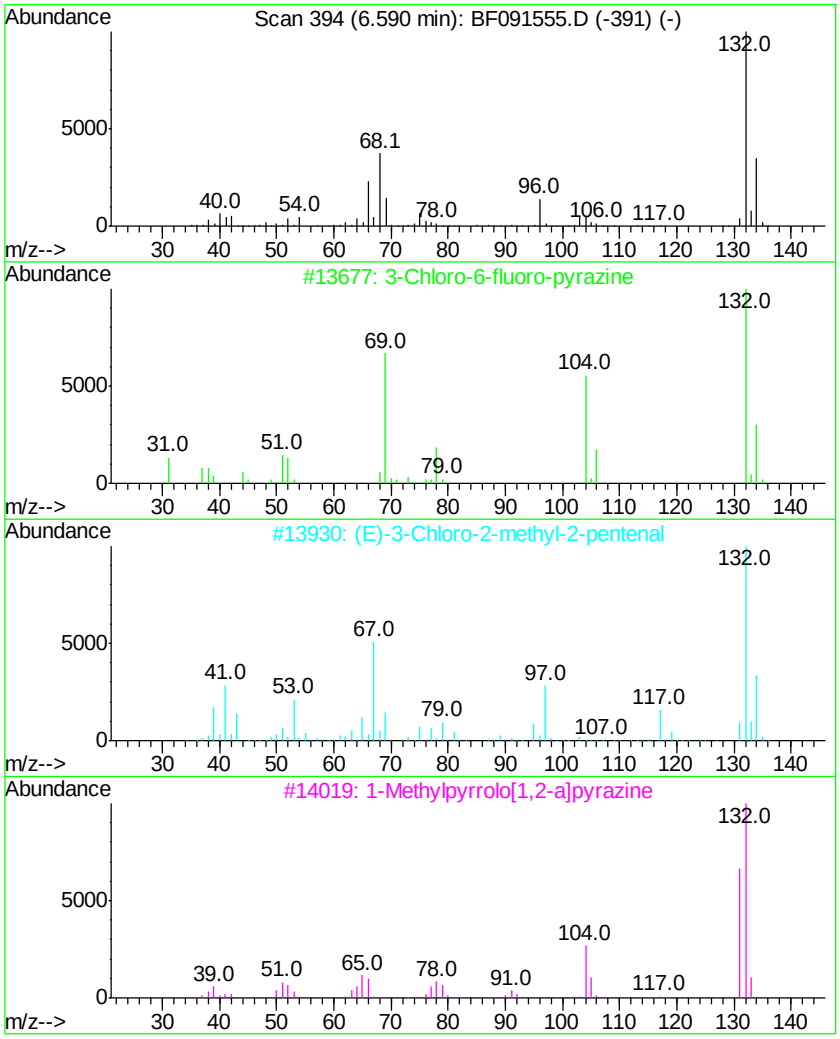
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

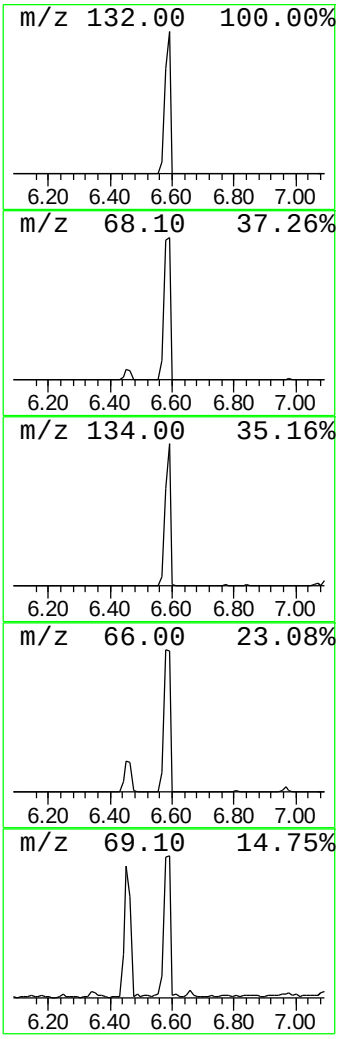
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	88.58 ng	9055140	1,4-Dichlorobenzene-d4	6.81

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	25
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

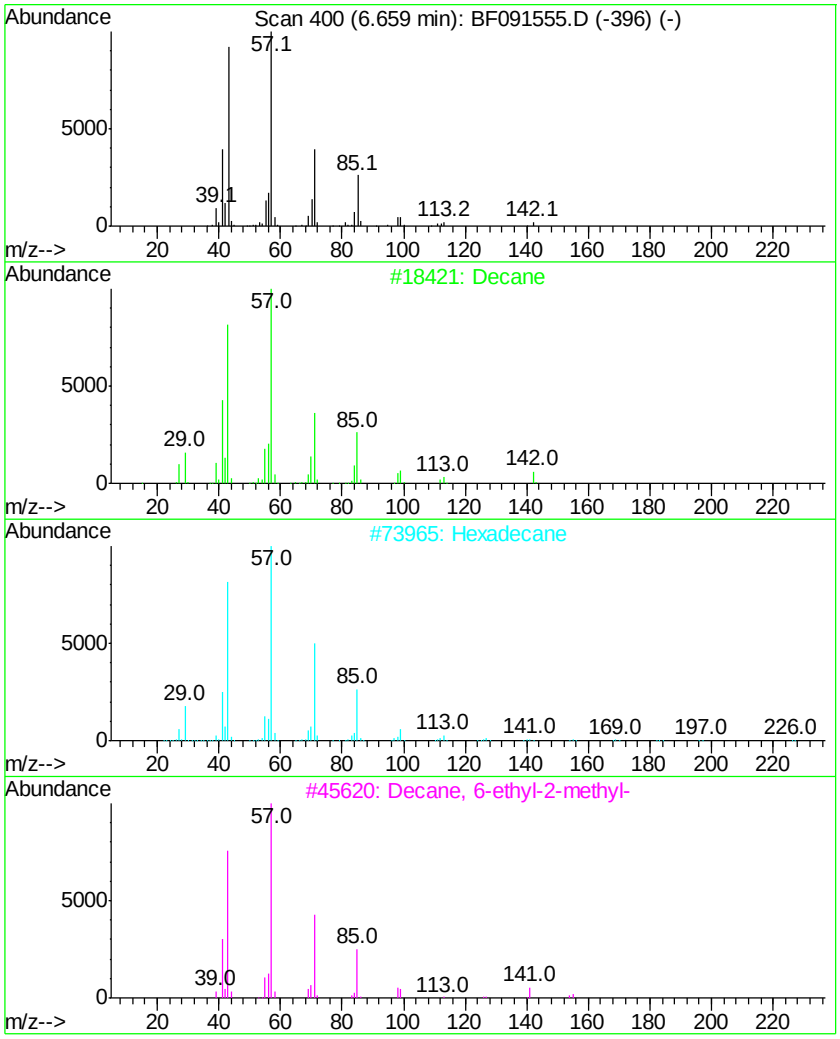
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

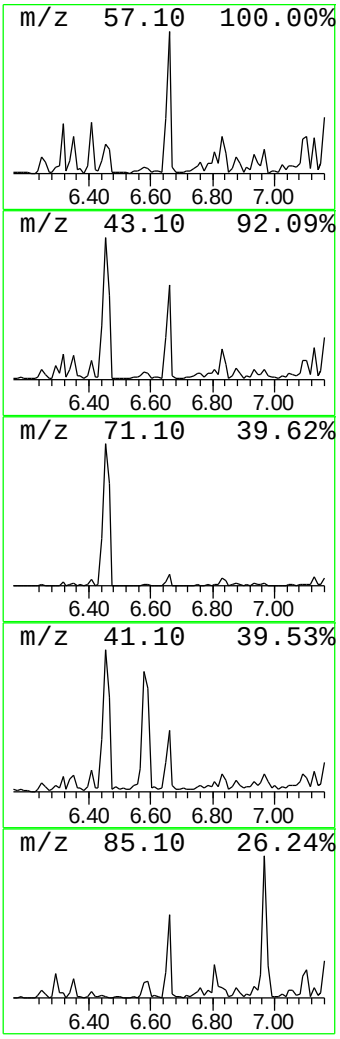
****

Peak Number 3 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.44 ng	862496	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Nonane	128	C9H20	000111-84-2	72
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

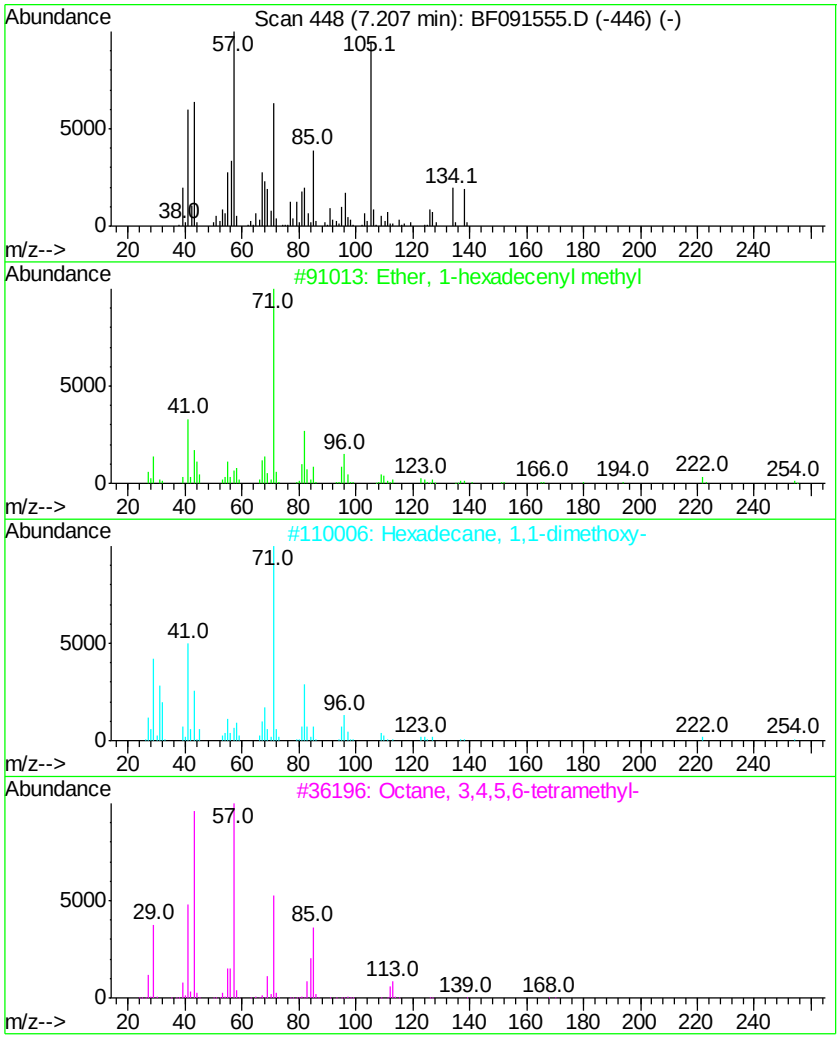
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

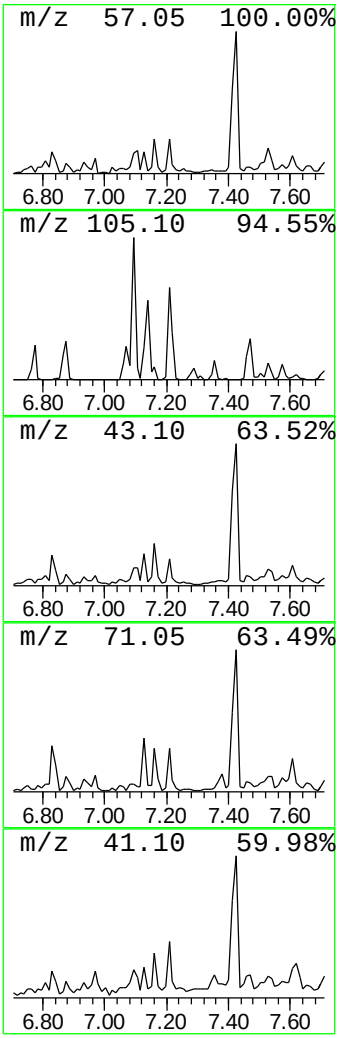
****

Peak Number 5 unknown7.21 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.79 ng	489706	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	27
2	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	27
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	22
4	Decane, 3-methyl-	156	C11H24	013151-34-3	22
5	E-12-Tetradecenal	210	C14H26O	1000130-96-1	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

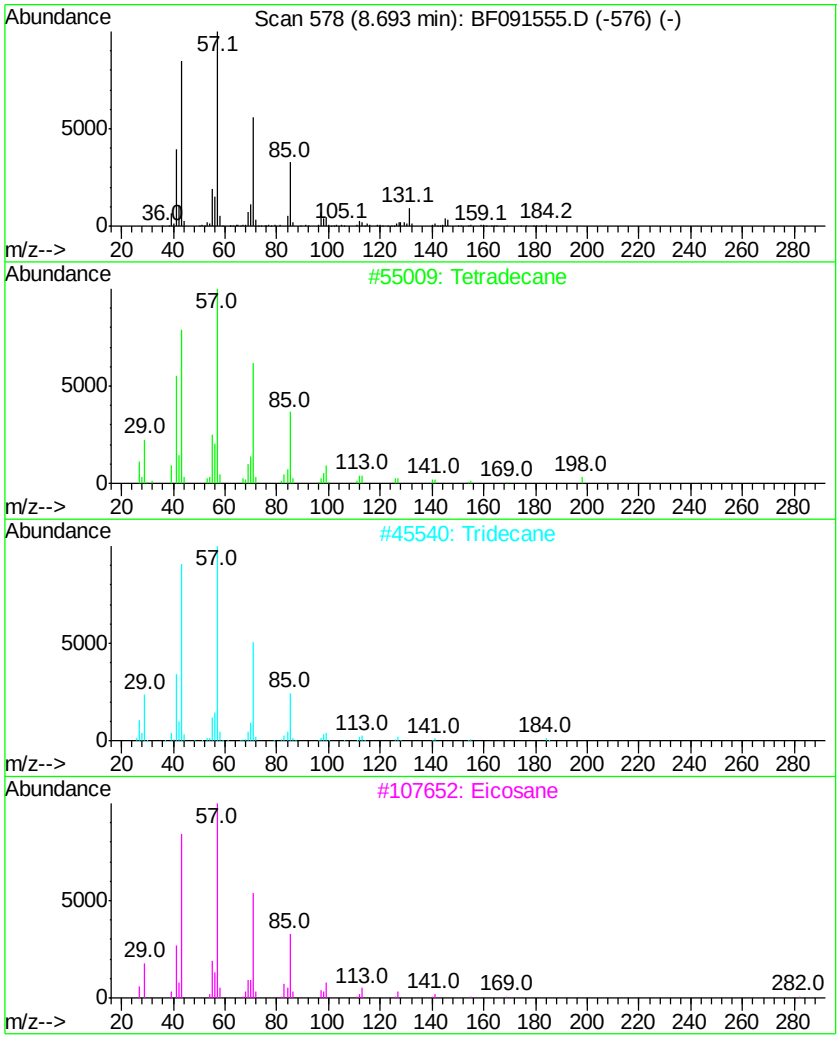
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

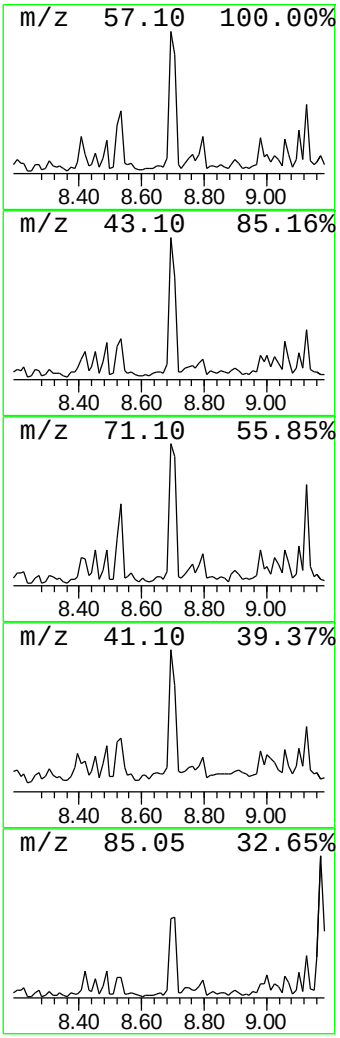
****

Peak Number 6 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	9.36 ng	1836070	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Tridecane	184	C13H28	000629-50-5	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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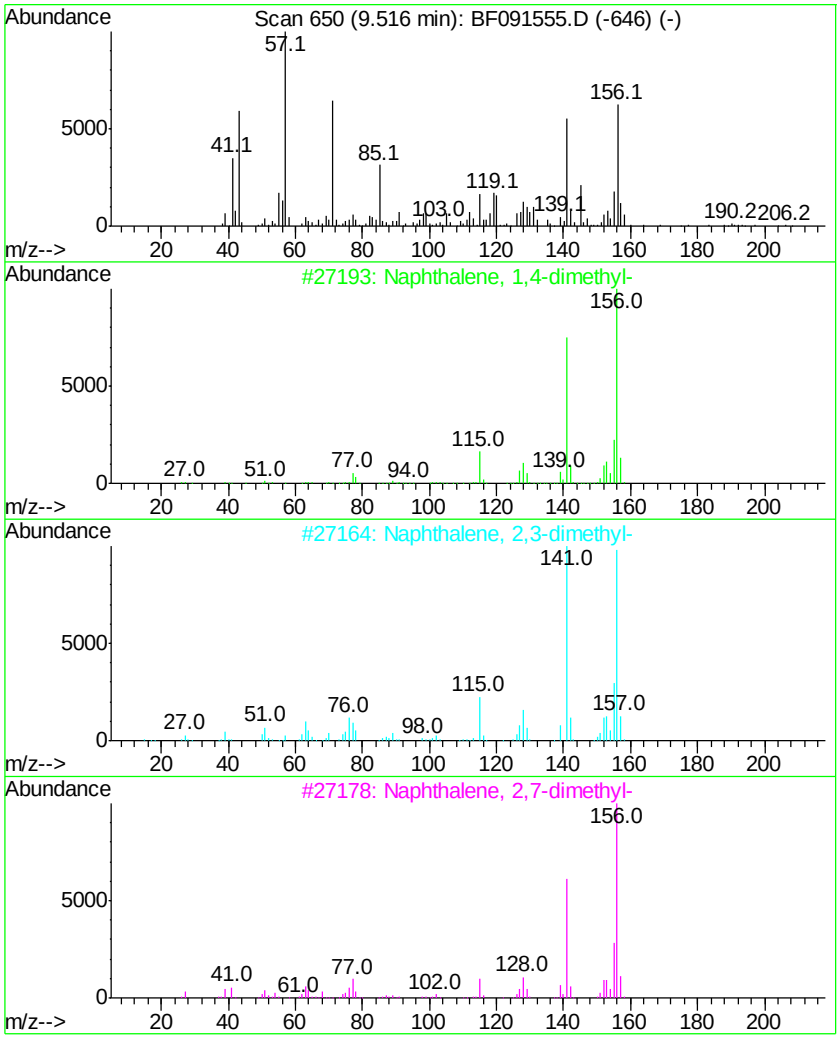
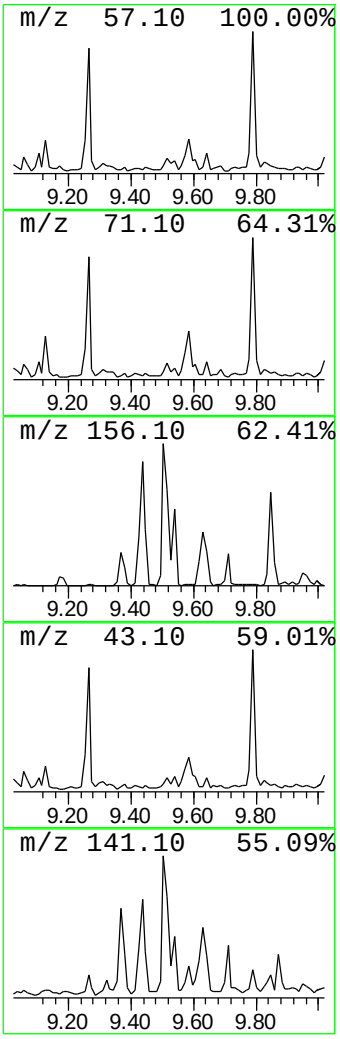
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	9.37 ng	1368530	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70





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Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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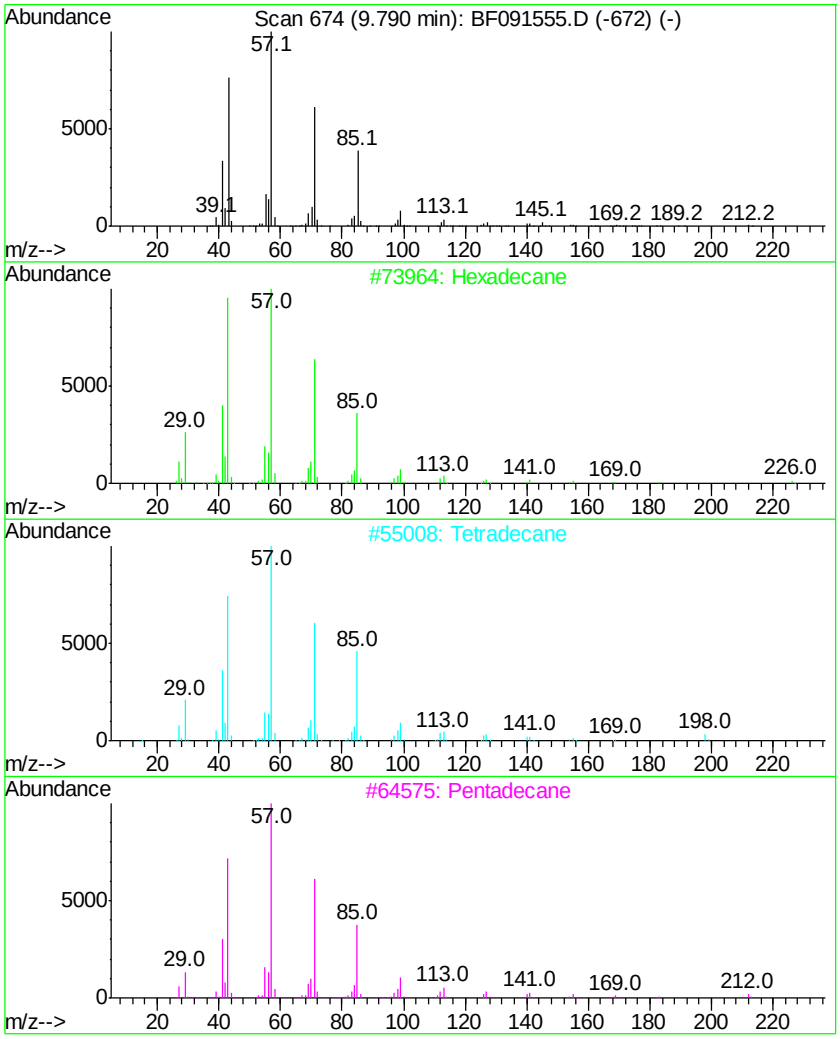
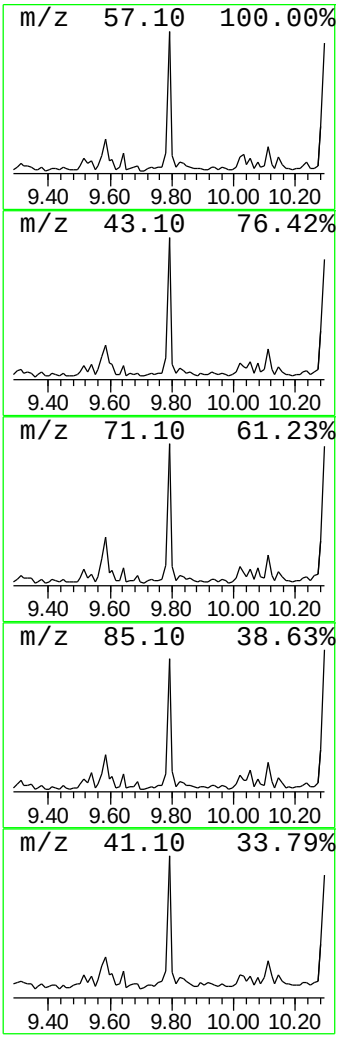
Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	15.36 ng	2243660	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	80
4	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





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Instrument : BNA_F
ClientSampleId : MW-2

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

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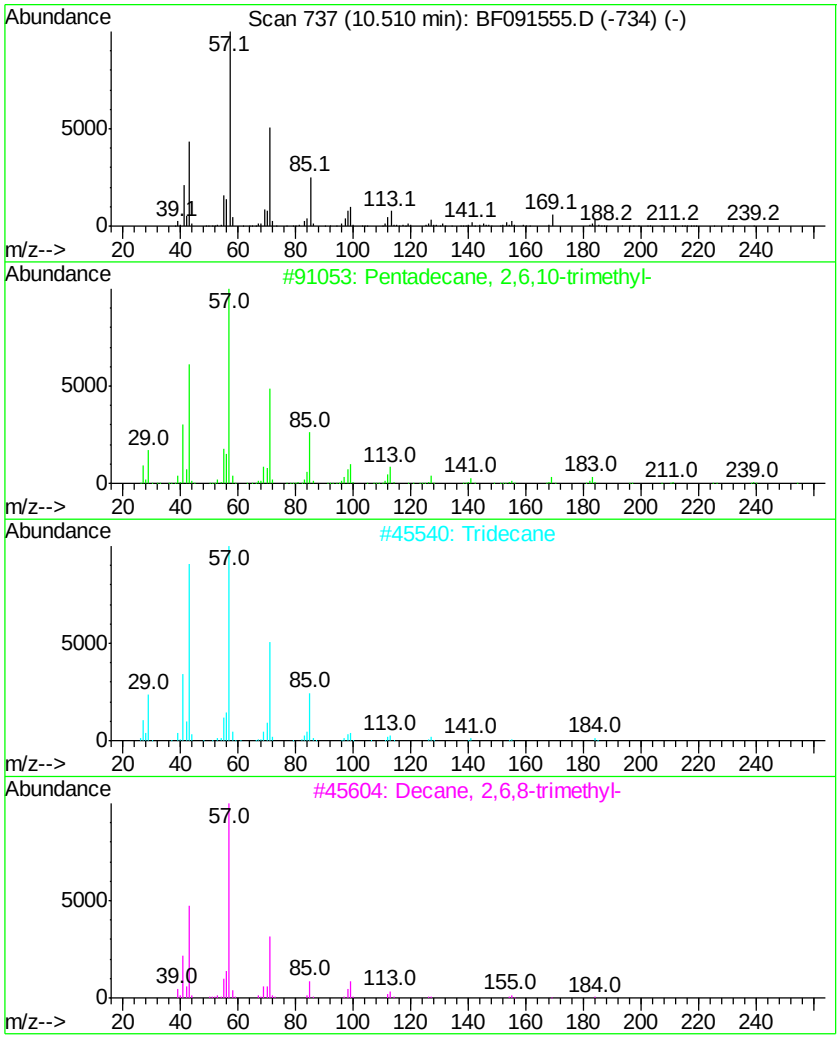
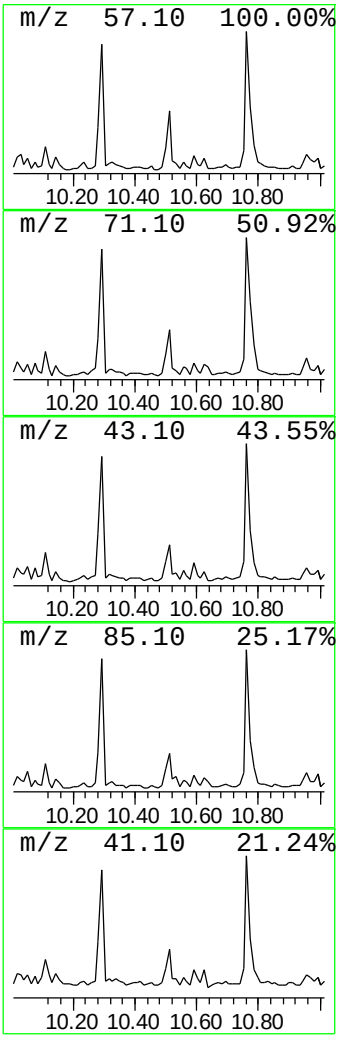
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	9.18 ng	1340900	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane	184	C13H28	000629-50-5	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

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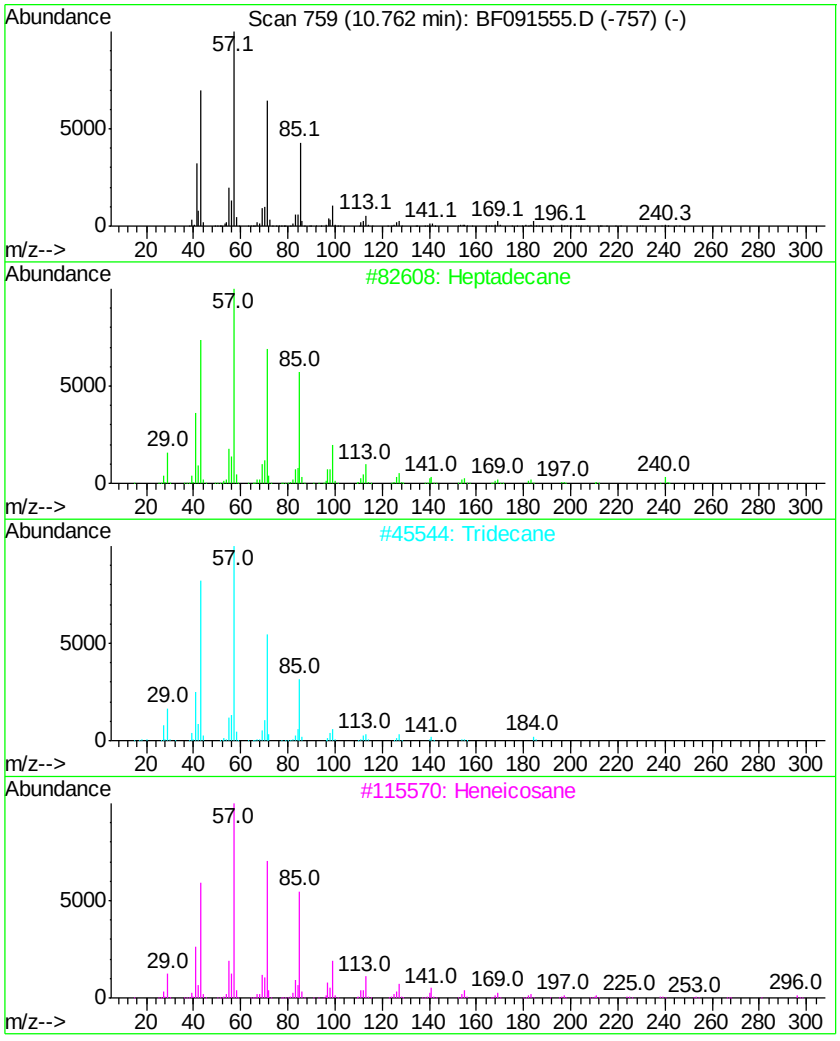
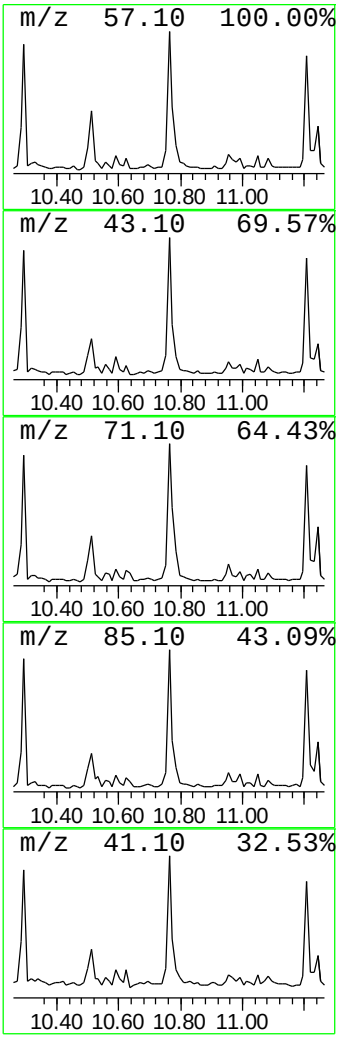
Peak Number 12 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	27.94 ng	3261290	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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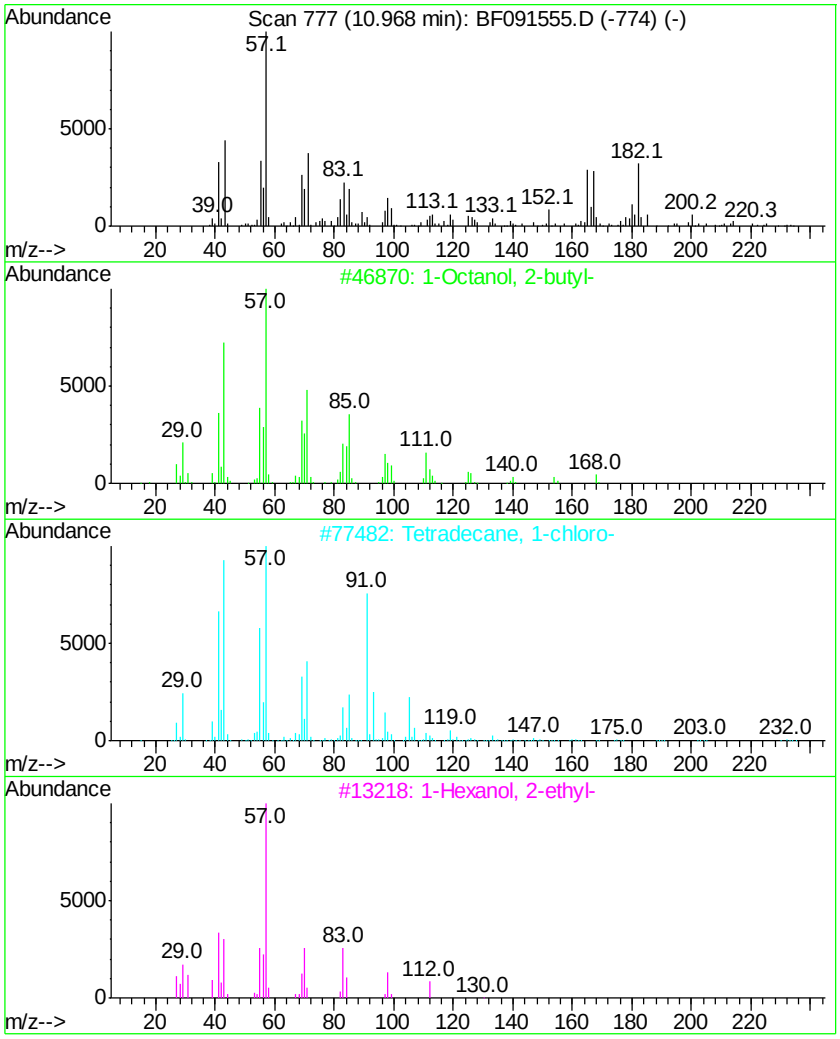
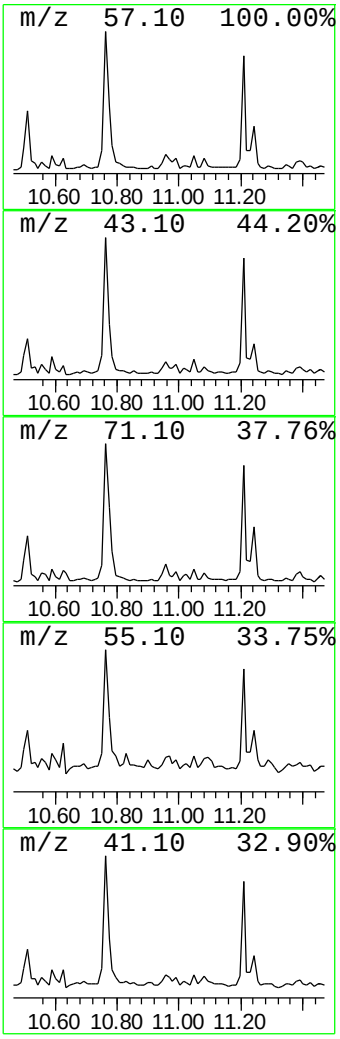
Peak Number 13 unknown10.97 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	5.43 ng	634320	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	35
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	22
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	14
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	14





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Sample : H5943-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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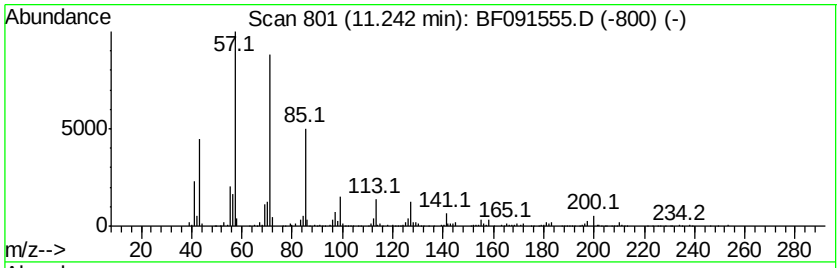
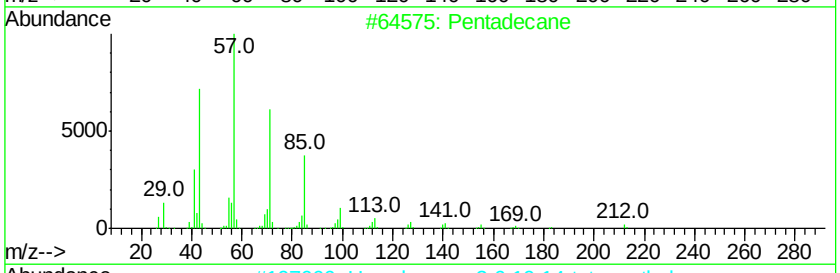
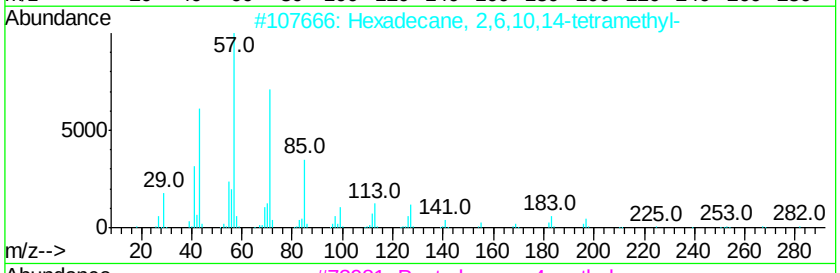
Peak Number 15 Pentadecane Concentration Rank 17

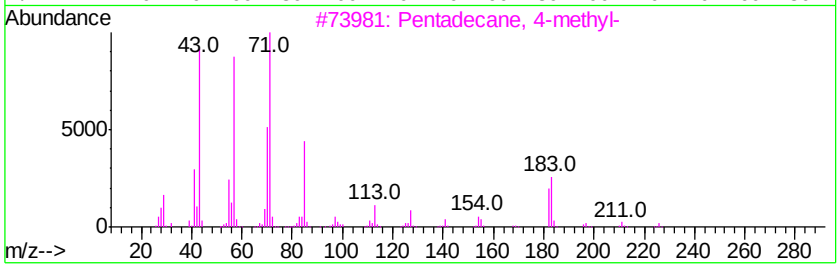
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	6.64 ng	774558	Phenanthrene-d10	11.33

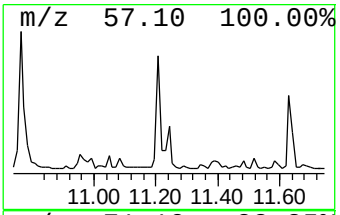
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Nonacosane	408	C29H60	000630-03-5	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78

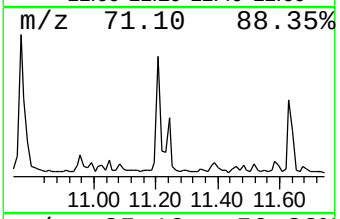


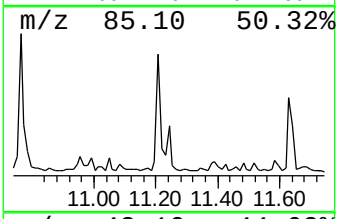


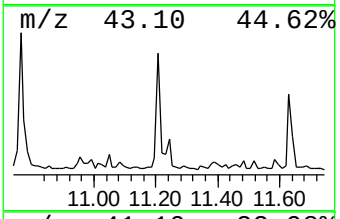


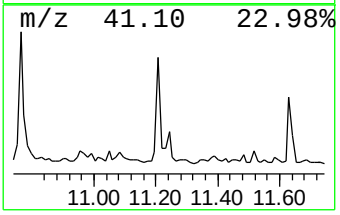












Library Search Compound Report

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Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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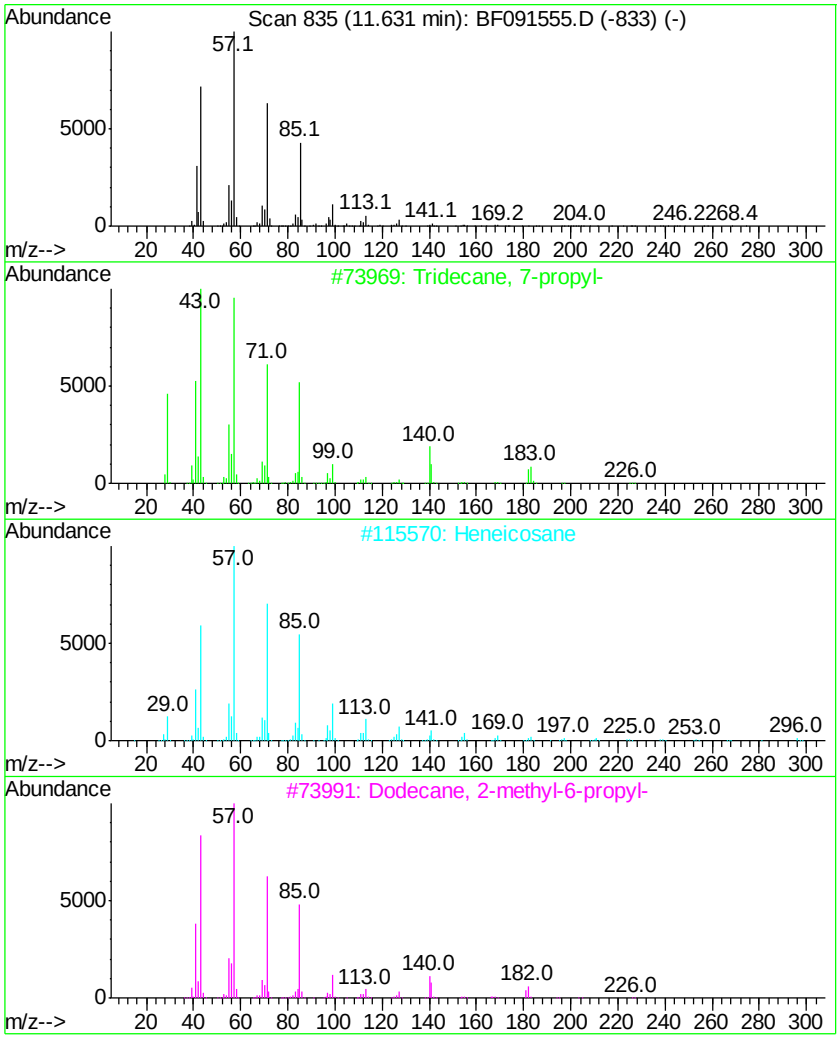
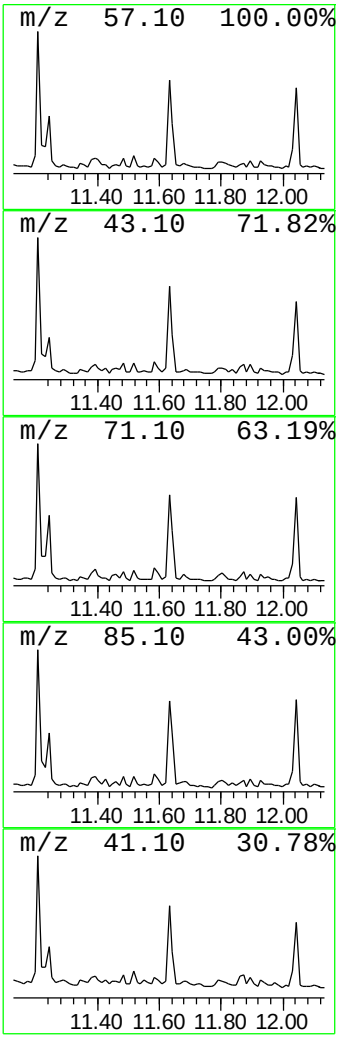
Peak Number 16 Tridecane, 7-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	14.12 ng	1648270	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
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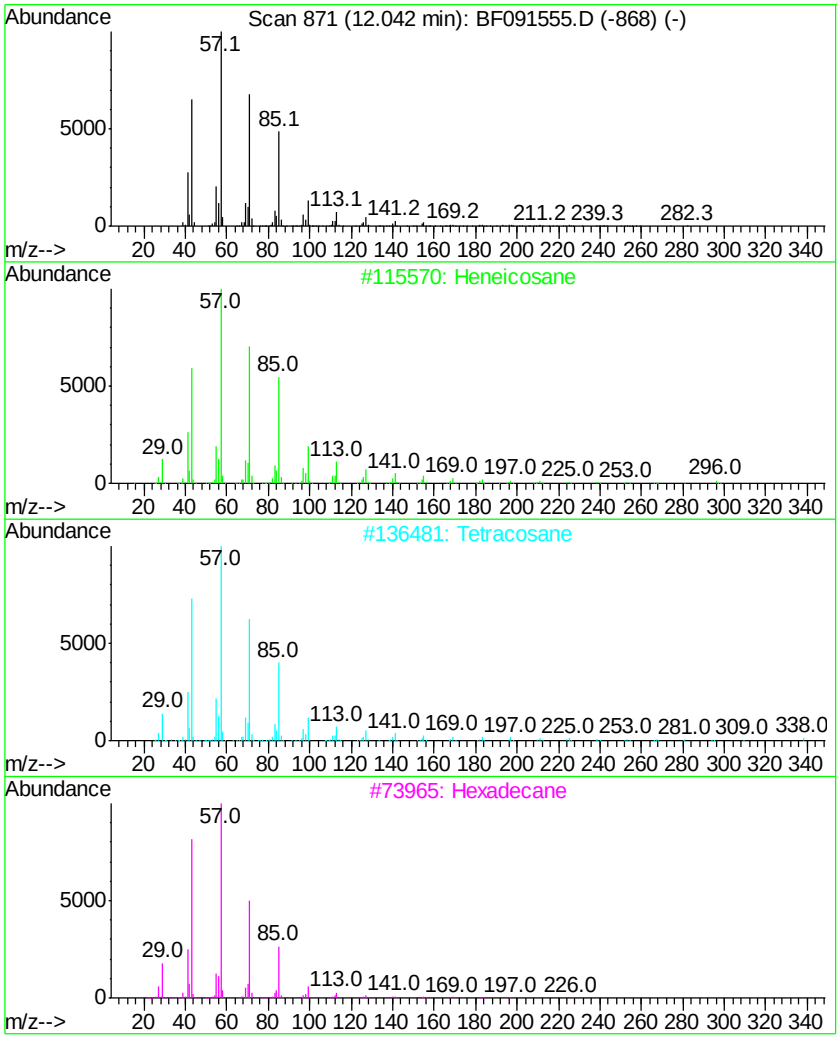
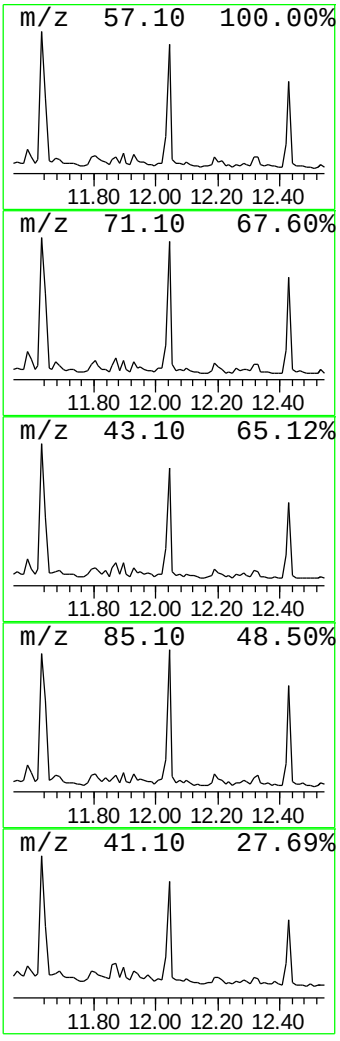
Peak Number 17 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	10.27 ng	1198730	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Heptadecane	240	C17H36	000629-78-7	86





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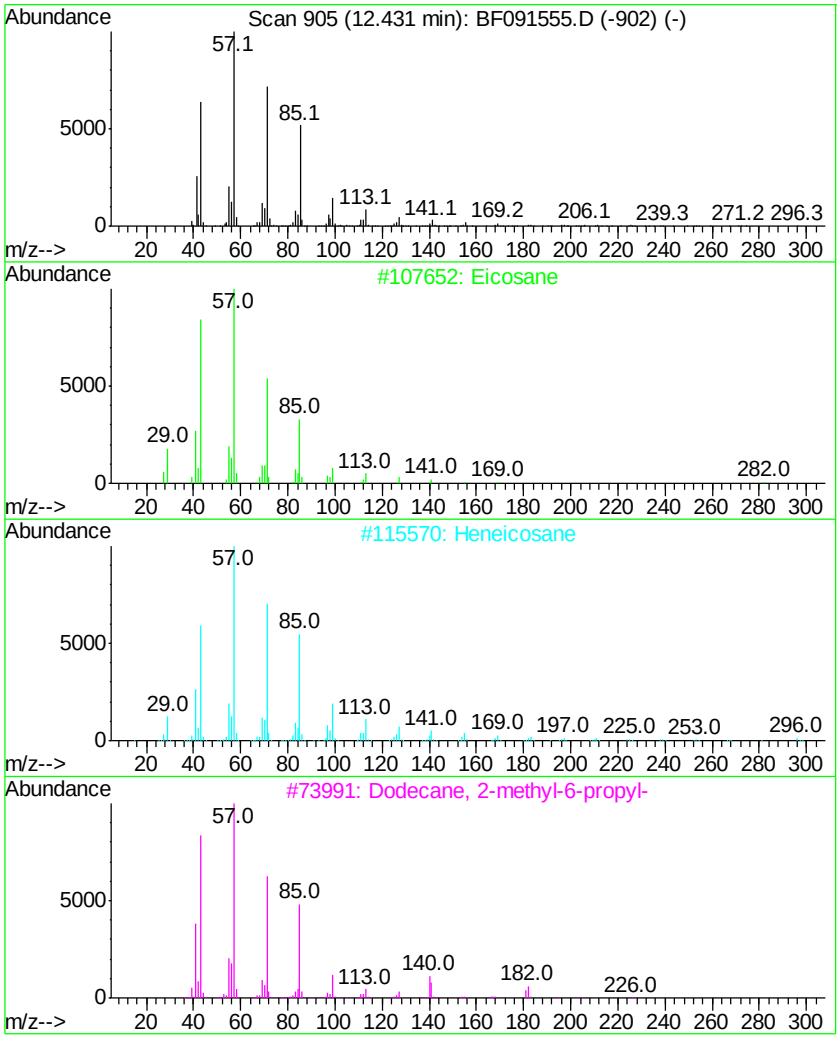
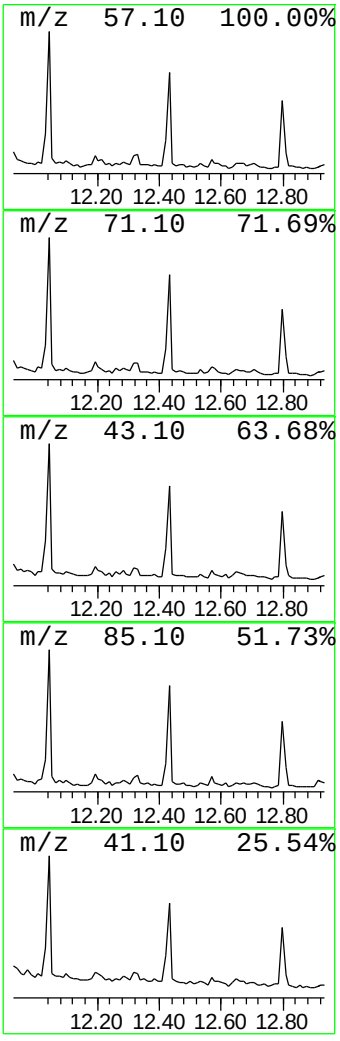
Peak Number 18 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	7.96 ng	929414	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





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TIC Library : C:\DATABASE\NIST02.L
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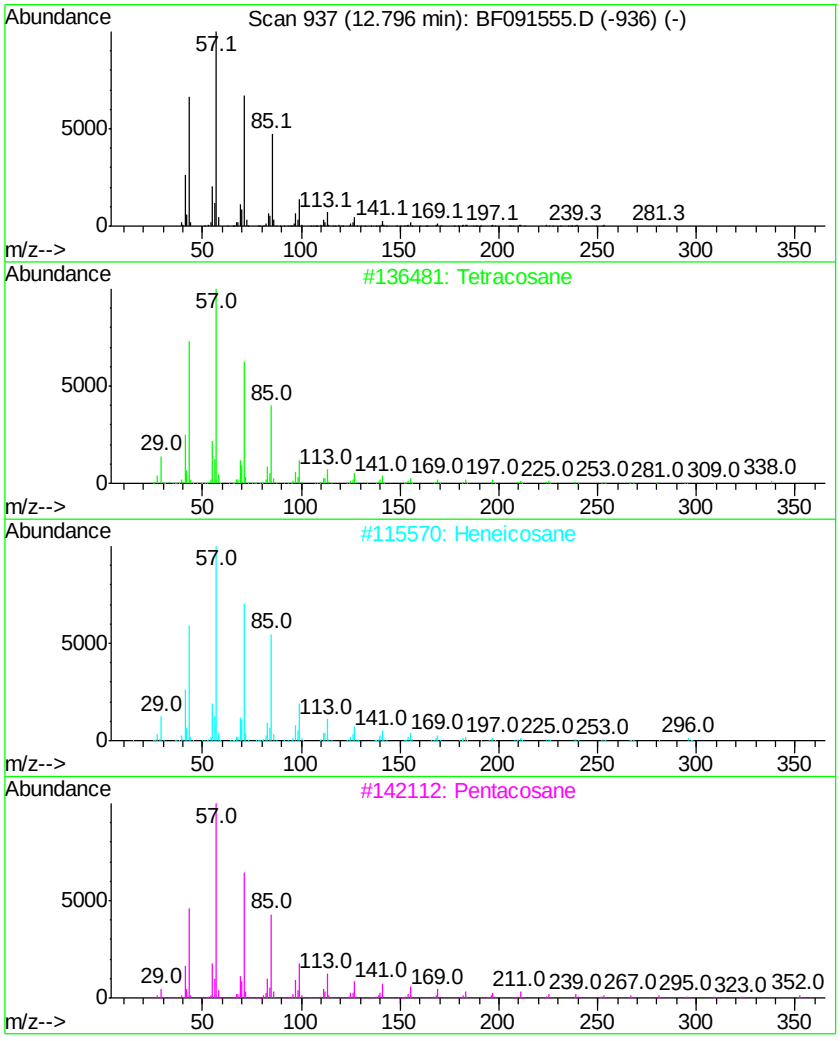
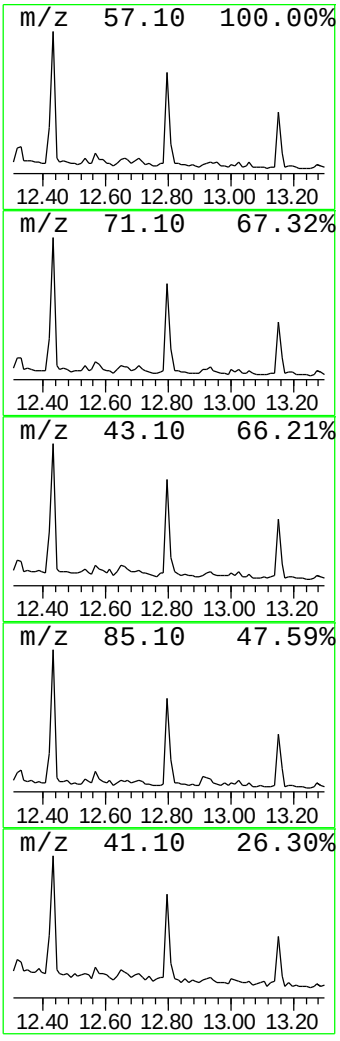
Peak Number 19 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	7.51 ng	700981	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Data File : BF091555.D
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Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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

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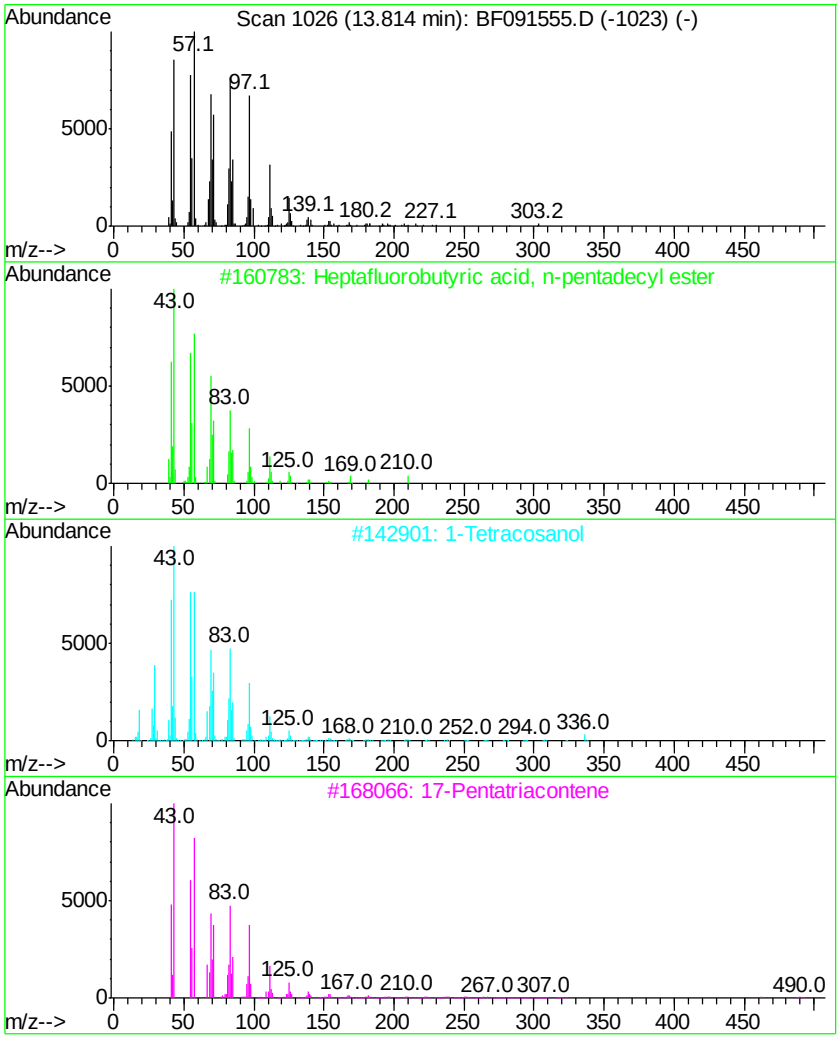
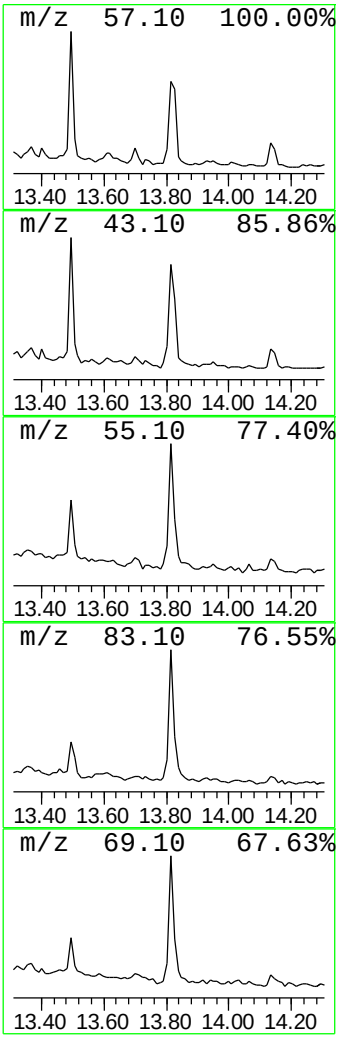
Peak Number 20 Heptafluorobutyric acid, n-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.38 ng	501990	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091555.D
Acq On : 13 Dec 2016 15:50
Operator : UM/SJ
Sample : H5943-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	5.00	34.9	ng	3565710	1	6.81	2044480	20.0
unknown6.59	6.59	88.6	ng	9055140	1	6.81	2044480	20.0
Decane	6.66	8.4	ng	862496	1	6.81	2044480	20.0
unknown7.21	7.21	4.8	ng	489706	1	6.81	2044480	20.0
Tetradecane	8.69	9.4	ng	1836070	2	8.10	3924880	20.0
Naphthalene, 1,4-...	9.52	9.4	ng	1368530	3	9.85	2921970	20.0
Hexadecane	9.79	15.4	ng	2243660	3	9.85	2921970	20.0
Pentadecane, 2,6,...	10.51	9.2	ng	1340900	3	9.85	2921970	20.0
Heptadecane	10.76	27.9	ng	3261290	4	11.33	2334740	20.0
unknown10.97	10.97	5.4	ng	634320	4	11.33	2334740	20.0
Pentadecane	11.24	6.6	ng	774558	4	11.33	2334740	20.0
Tridecane, 7-propyl-	11.63	14.1	ng	1648270	4	11.33	2334740	20.0
Heneicosane	12.04	10.3	ng	1198730	4	11.33	2334740	20.0
Eicosane	12.43	8.0	ng	929414	4	11.33	2334740	20.0
Tetracosane	12.80	7.5	ng	700981	5	13.96	1867270	20.0
Heptafluorobutyri...	13.81	5.4	ng	501990	5	13.96	1867270	20.0