LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.340	549	553	562	rVB	2556303	2446554	20.20%	1.070%
2	5.634	599	603	609	rBV	281145	257742	2.13%	0.113%
3	5.875	639	644	649	rVB2	110641	140488	1.16%	0.061%
4	5.975	658	661	664	rBV	388136	369315	3.05%	0.161%
5	6.169	688	694	698	rBV3	181605	283664	2.34%	0.124%
6	6.234	703	705	706	rBV	294496	212586	1.76%	0.093%
7	6.263	706	710	712	rVB3	293907	343157	2.83%	0.150%
8	6.322	717	720	724	rBV2	491236	457004	3.77%	0.200%
9	6.375	724	729	732	rVV	2721060	2833478	23.40%	1.239%
10	6.410	732	735	741	rVB3	195600	313855	2.59%	0.137%
11	6.469	741	745	746	rBV2	335520	369677	3.05%	0.162%
12	6.498	746	750	753	rVV	3308288	3332007	27.51%	1.457%
13	6.575	757	763	768	rVB2	2828921	3025190	24.98%	1.323%
14	6.681	775	781	783	rBV3	238193	361904	2.99%	0.158%
15	6.722	785	788	790	rVV	1184674	947705	7.83%	0.414%
16	6.751	790	793	796	rVB2	1481054	1320227	10.90%	0.577%
17	6.787	796	799	804	rBV3	584011	707023	5.84%	0.309%
18	6.828	804	806	808	rBV3	164170	169553	1.40%	0.074%
19	6.851	808	810	812	rBV	242883	180656	1.49%	0.079%
20	6.881	812	815	819	rBV	3043641	2810454	23.21%	1.229%
21	6.945	823	826	827	rBV	166362	153069	1.26%	0.067%
22	6.975	827	831	833	rBV3	464343	598770	4.94%	0.262%
23	7.010	833	837	840	rVB2	1109054	1474502	12.18%	0.645%
24	7.045	840	843	846	rVB2	1601069	1565775	12.93%	0.685%
25	7.075	846	848	853	rVB	1142748	1229316	10.15%	0.538%
26	7.128	853	857	860	rBV	1951167	2035044	16.80%	0.890%
27	7.157	860	862	866	rVB3	187397	190914	1.58%	0.083%
28	7.198	866	869	871	rBV	666356	658629	5.44%	0.288%
29	7.222	871	873	877	rVB	585525	446784	3.69%	0.195%
30	7.287	877	884	887	rBV4	2261608	4447459	36.72%	1.945%
31	7.316	887	889	890	rBV	283886	224310	1.85%	0.098%
32	7.345	890	894	896	rVB	5692376	5755233	47.52%	2.516%
33	7.381	896	900	904	rVB4	1310045	1804502	14.90%	0.789%
34	7.416	904	906	909	rBV4	652531	814873	6.73%	0.356%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.451	909	912	915	rVB3	1480624	1513612	12.50%	0.662%
36	7.504	915	921	922	rBV3	930322	1276408	10.54%	0.558%
37	7.534	922	926	931	rVB3	2663809	4141407	34.20%	1.811%
38	7.575	931	933	936	rBV	497453	466620	3.85%	0.204%
39	7.645	938	945	948	rBV5	2028982	4717809	38.96%	2.063%
40	7.675	948	950	953	rVV3	543240	579172	4.78%	0.253%
41	7.704	953	955	959	rVB2	1855621	1909699	15.77%	0.835%
42	7.745	959	962	965	rBV4	2392757	3254297	26.87%	1.423%
43	7.781	965	968	971	rVB3	2840610	3227883	26.65%	1.411%
44	7.822	971	975	977	rBV2	2185383	2236487	18.47%	0.978%
45	7.851	978	980	983	rVB2	2182242	2214265	18.28%	0.968%
46	7.887	983	986	988	rBV	1413227	1342386	11.08%	0.587%
47	7.922	988	992	995	rBV2	962215	1011745	8.35%	0.442%
48	7.981	996	1002	1003	rBV3	2338612	3158062	26.08%	1.381%
49	8.022	1003	1009	1011	rVV2	6058908	10088573	83.30%	4.411%
50	8.069	1015	1017	1019	rVV2	1277725	1425764	11.77%	0.623%
51	8.098	1019	1022	1023	rVV	3328978	2996304	24.74%	1.310%
52	8.116	1023	1025	1028	rVB3	1244551	1090607	9.01%	0.477%
53	8.145	1028	1030	1032	rVB2	1149420	894588	7.39%	0.391%
54	8.192	1034	1038	1040	rBV3	1604017	2074460	17.13%	0.907%
55	8.216	1040	1042	1047	rVB2	1885313	2101744	17.35%	0.919%
56	8.263	1047	1050	1053	rBV3	1226879	1369234	11.31%	0.599%
57	8.316	1053	1059	1062	rBV4	2632859	4629789	38.23%	2.024%
58	8.345	1062	1064	1067	rVV2	1475570	1279949	10.57%	0.560%
59	8.375	1067	1069	1072	rVV2	2762778	2421187	19.99%	1.059%
60	8.410	1072	1075	1078	rVV3	3654411	3940328	32.54%	1.723%
61	8.463	1080	1084	1087	rVV3	4063930	5511904	45.51%	2.410%
62	8.528	1091	1095	1098	rBV2	4328527	5156499	42.58%	2.255%
63	8.639	1107	1114	1117	rBV2	6466908	12110417	100.00%	5.295%
64	8.722	1125	1128	1134	rVB4	3029733	4635763	38.28%	2.027%
65	8.857	1148	1151	1154	rVB4	2618842	2655991	21.93%	1.161%
66	8.910	1157	1160	1162	rBV3	1916894	1887718	15.59%	0.825%
67	8.963	1167	1169	1172	rBV3	1324213	1640749	13.55%	0.717%
68	8.992	1172	1174	1178	rVB3	2921417	2978630	24.60%	1.302%
69	9.034	1178	1181	1183	rBV2	2211233	2731928	22.56%	1.195%
70	9.063	1183	1186	1189	rVV2	3671060	3542860	29.25%	1.549%
71	9.092	1189	1191	1193	rVB	1365750	1159348	9.57%	0.507%

LSC Area Percent Report

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Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.216	1204	1212	1214	rBV	5771536	11390718	94.06%	4.981%
73	9.257	1214	1219	1221	rBV2	2277072	3694772	30.51%	1.616%
74	9.363	1233	1237	1243	rBV6	1839338	3619320	29.89%	1.583%
75	9.451	1249	1252	1253	rBV2	1284885	1558486	12.87%	0.681%
76	9.745	1296	1302	1304	rBV2	4122789	7440804	61.44%	3.253%
77	11.192	1545	1548	1553	rVB	3128120	3647341	30.12%	1.595%
78	11.586	1609	1615	1618	rBV	4347328	6535654	53.97%	2.858%
79	11.822	1653	1655	1659	rVB2	1047927	930570	7.68%	0.407%
80	11.980	1677	1682	1685	rVB	4923066	6656887	54.97%	2.911%
81	12.245	1724	1727	1730	rVB2	1281461	1193266	9.85%	0.522%
82	12.304	1735	1737	1741	rVB3	992778	949682	7.84%	0.415%
83	12.357	1741	1746	1749	rVB	5066174	6362084	52.53%	2.782%
84	12.557	1778	1780	1782	rBV2	604065	588710	4.86%	0.257%
85	12.686	1800	1802	1804	rBV	735158	601995	4.97%	0.263%
86	12.722	1804	1808	1810	rVV	4834180	5467698	45.15%	2.391%
87	12.751	1810	1813	1818	rVB2	562435	798451	6.59%	0.349%
88	12.827	1823	1826	1835	rVB	2842771	3852954	31.82%	1.685%
89	13.069	1863	1867	1870	rBV	4090339	3966370	32.75%	1.734%
90	13.404	1920	1924	1927	rBV	3023726	2700857	22.30%	1.181%
91	13.727	1976	1979	1985	rVB	1873693	1836474	15.16%	0.803%
92	13.868	2000	2003	2006	rVB	1062058	1060885	8.76%	0.464%
93	14.039	2029	2032	2040	rVB	862688	894727	7.39%	0.391%
94	14.345	2081	2084	2087	rBV	446780	402277	3.32%	0.176%
95	15.274	2238	2242	2246	rBV	700628	895482	7.39%	0.392%

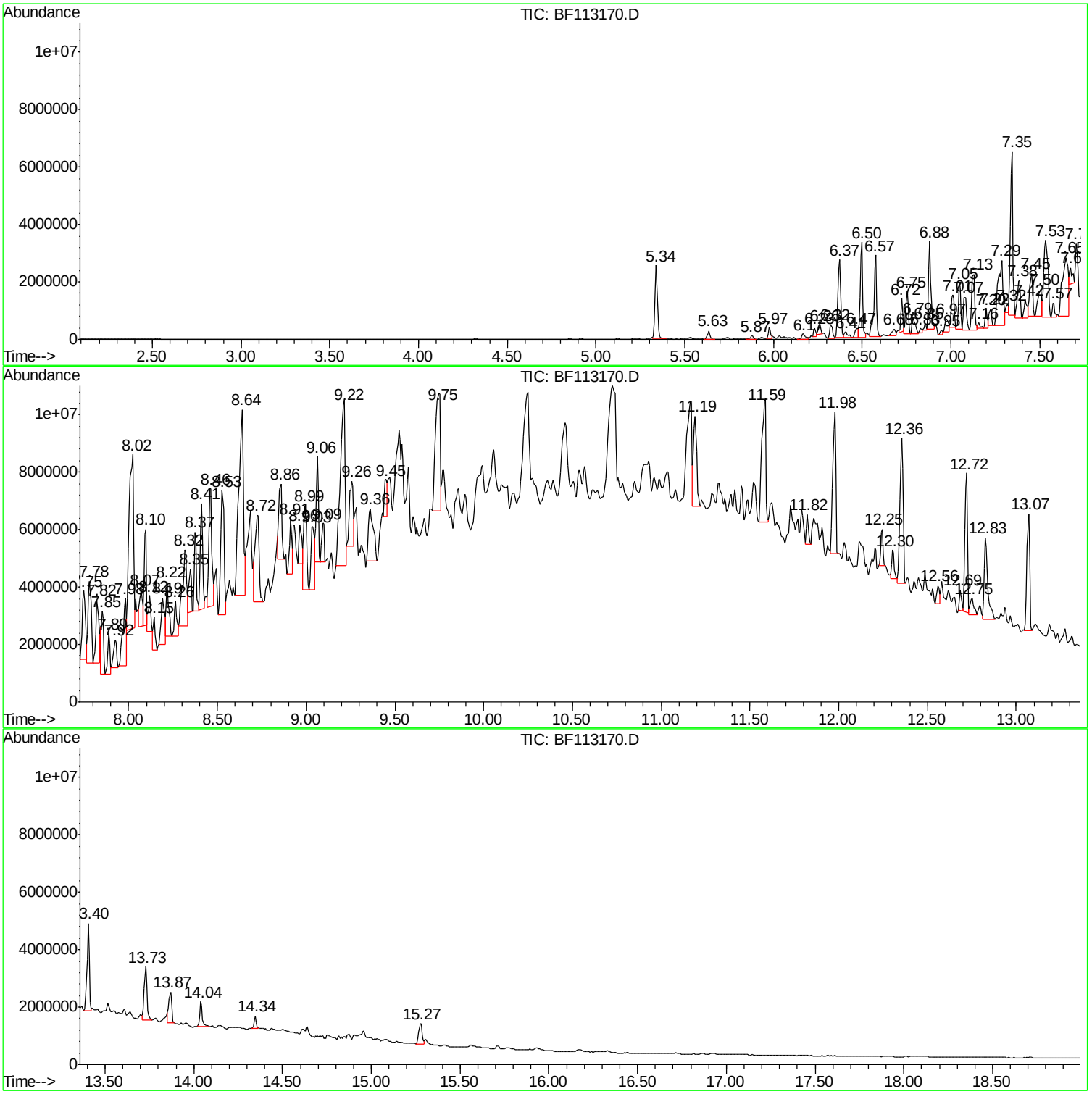
Sum of corrected areas: 228702069

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

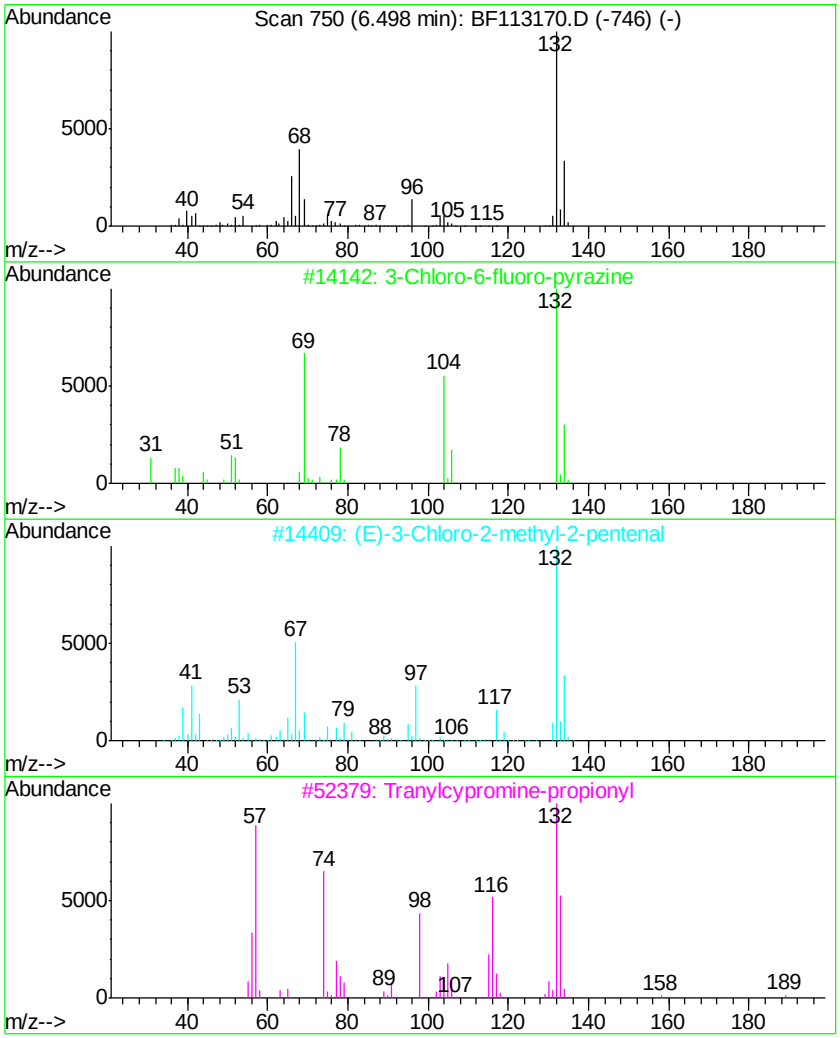
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

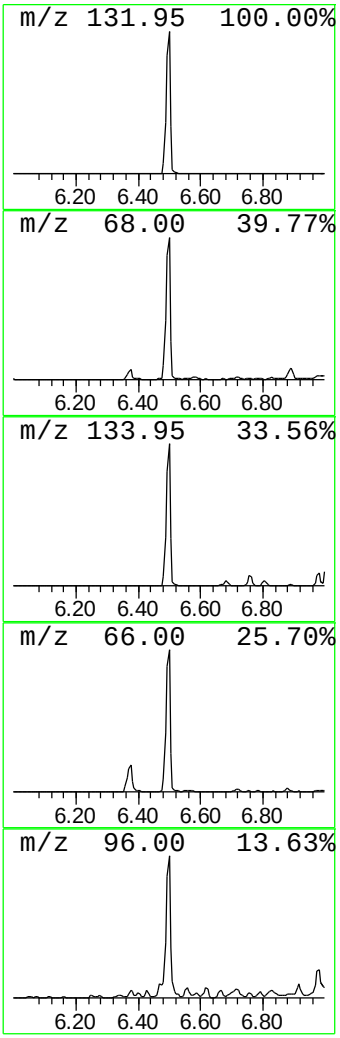
****

Peak Number 1 unknown6.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	70.32 ng	3332010	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

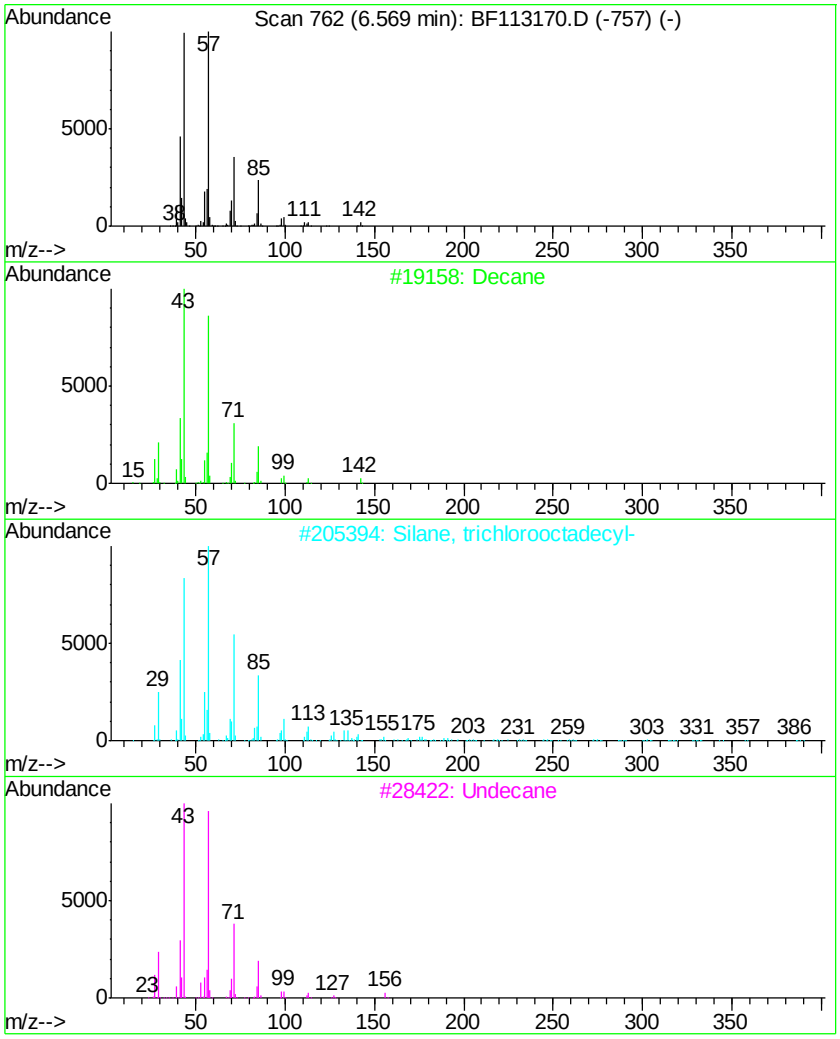
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

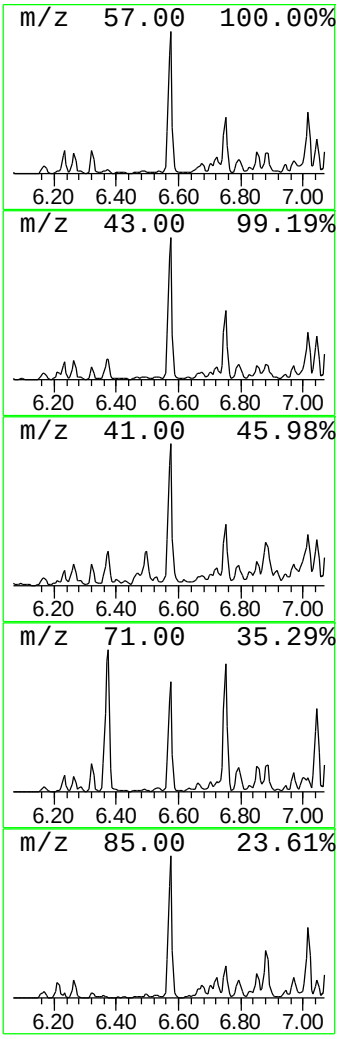
****

Peak Number 2 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	63.84 ng	3025190	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3	Undecane	156	C11H24	001120-21-4	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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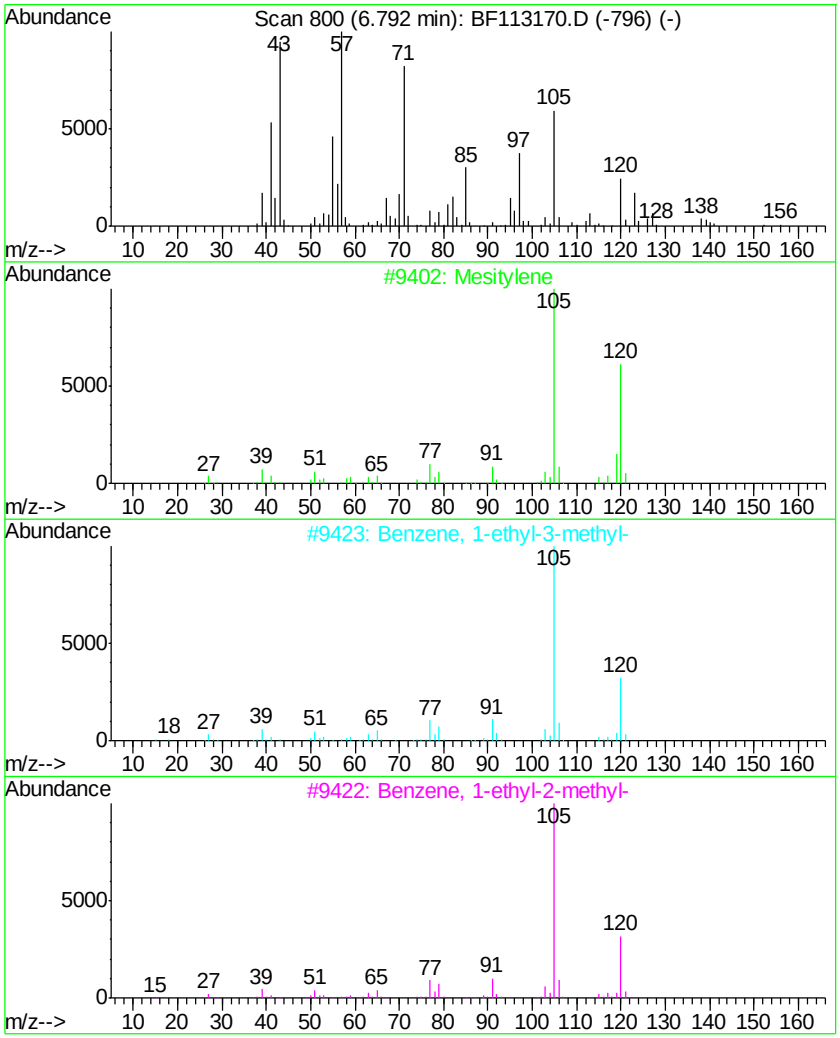
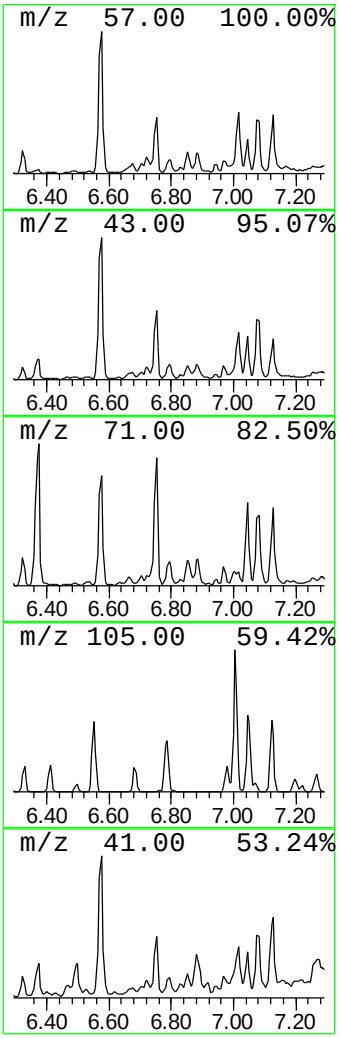
Peak Number 3 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	14.92 ng	707023	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	60
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	53
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	53
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

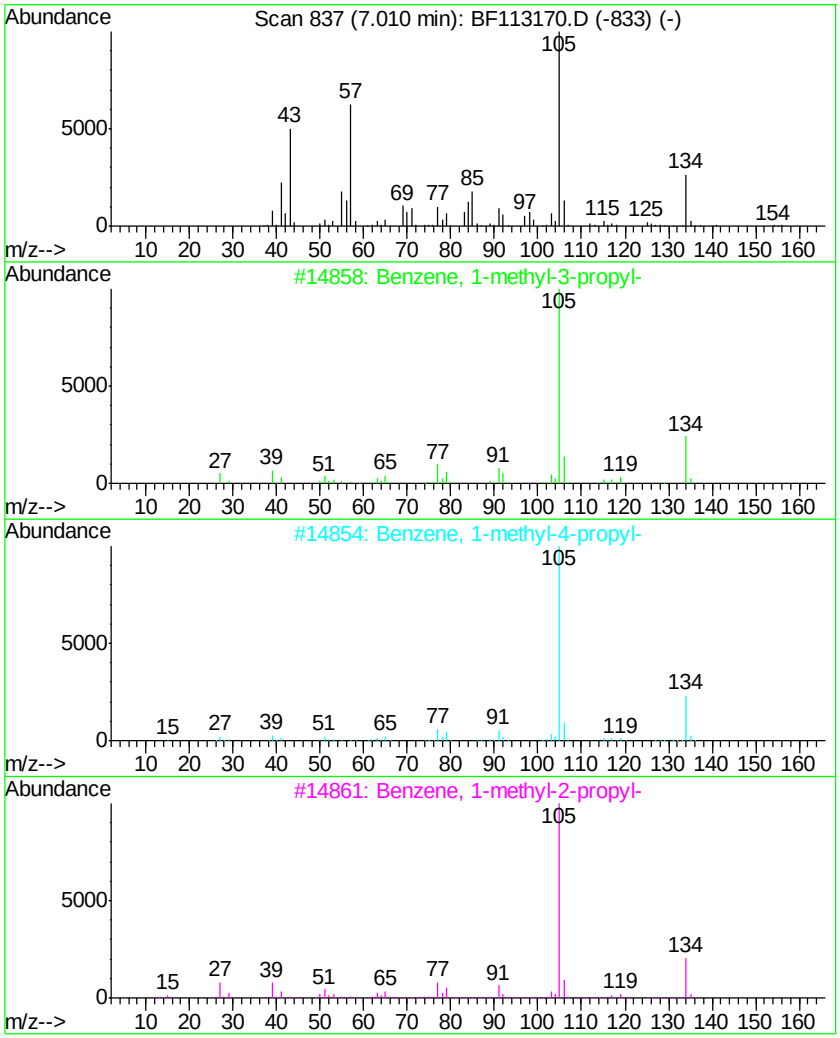
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

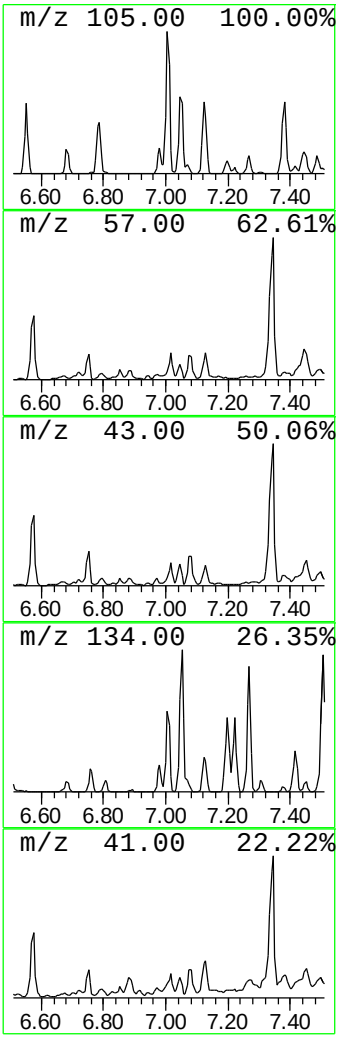
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	31.12 ng	1474500	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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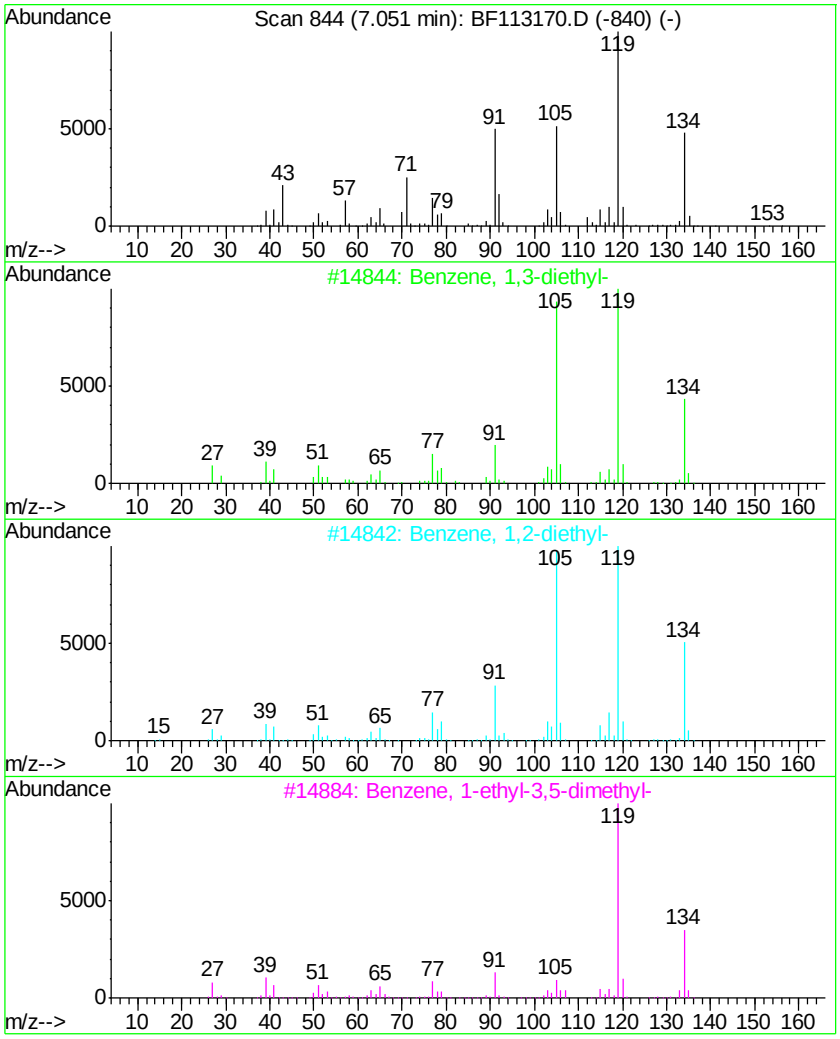
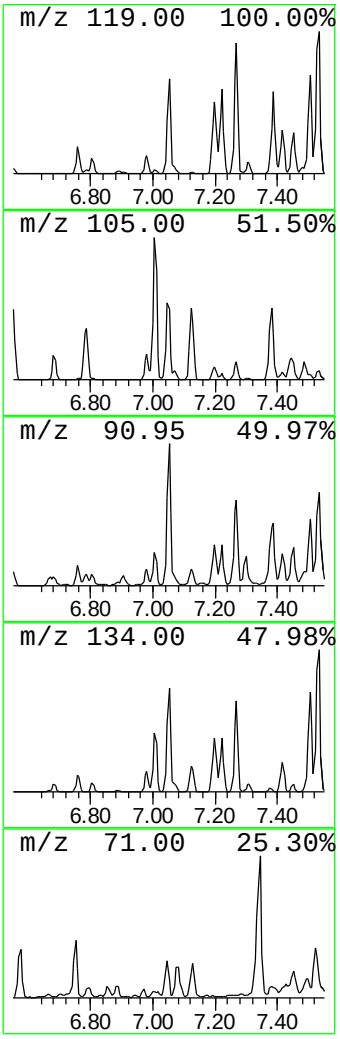
Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	33.04 ng	1565780	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	78
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	78
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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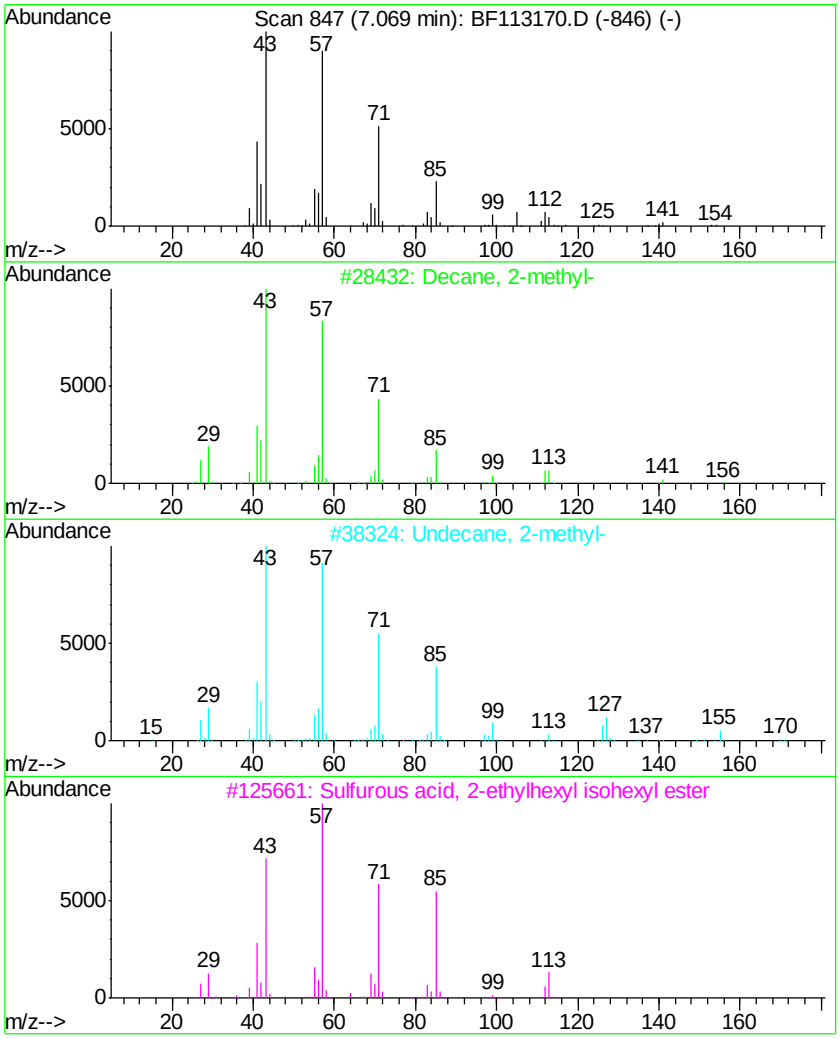
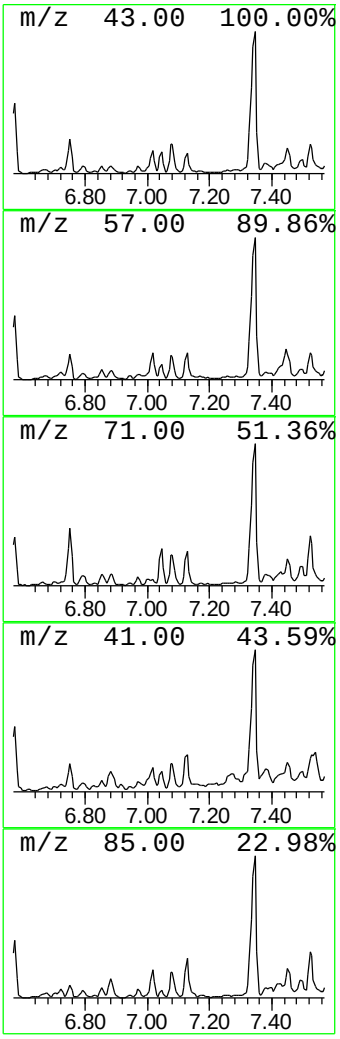
Peak Number 7 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	25.94 ng	1229320	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





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Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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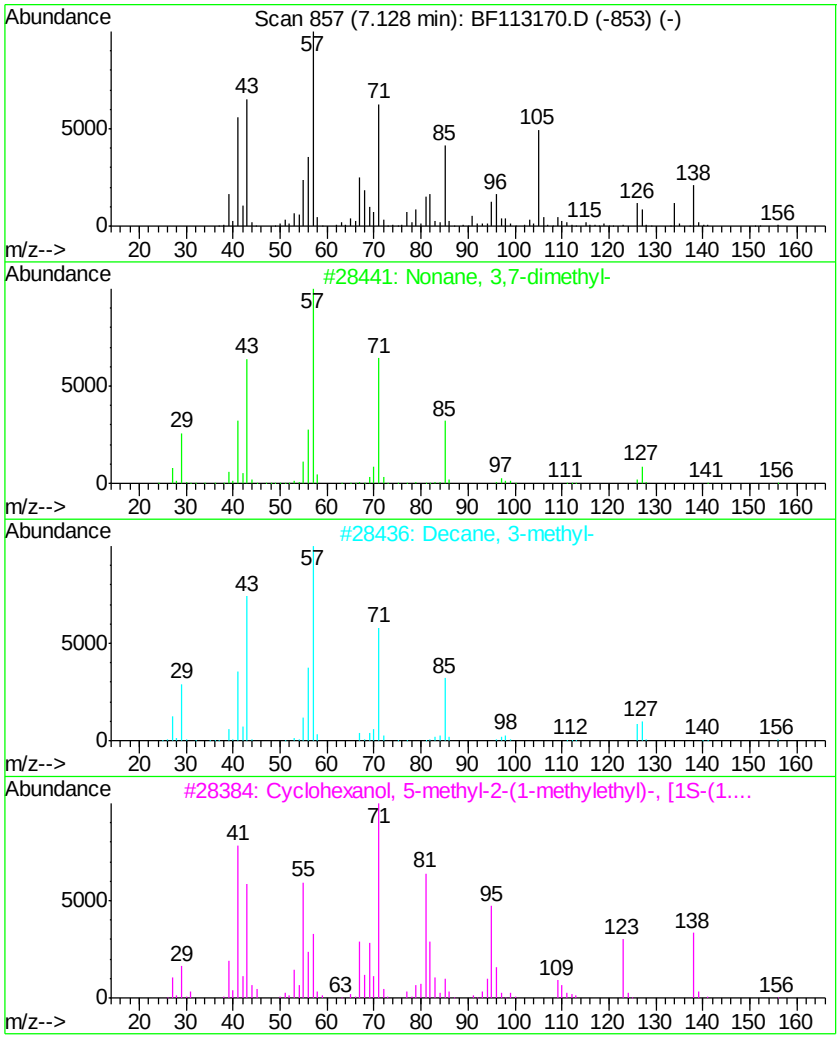
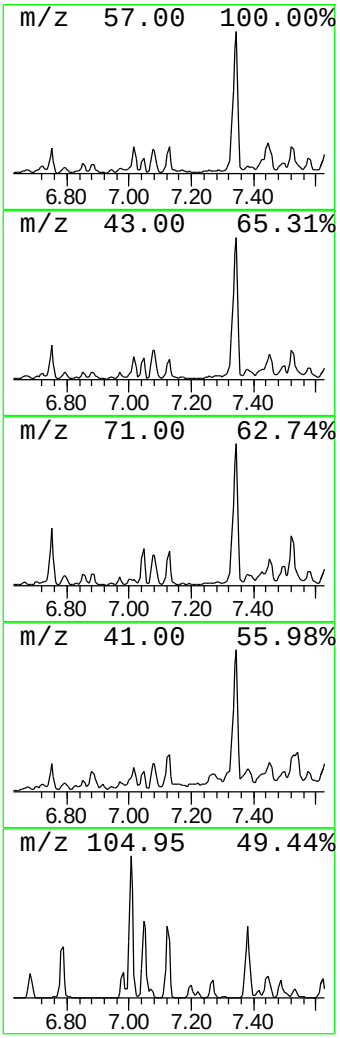
Peak Number 8 Nonane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	42.95 ng	2035040	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
2	Decane, 3-methyl-	156	C11H24	013151-34-3	58
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	49
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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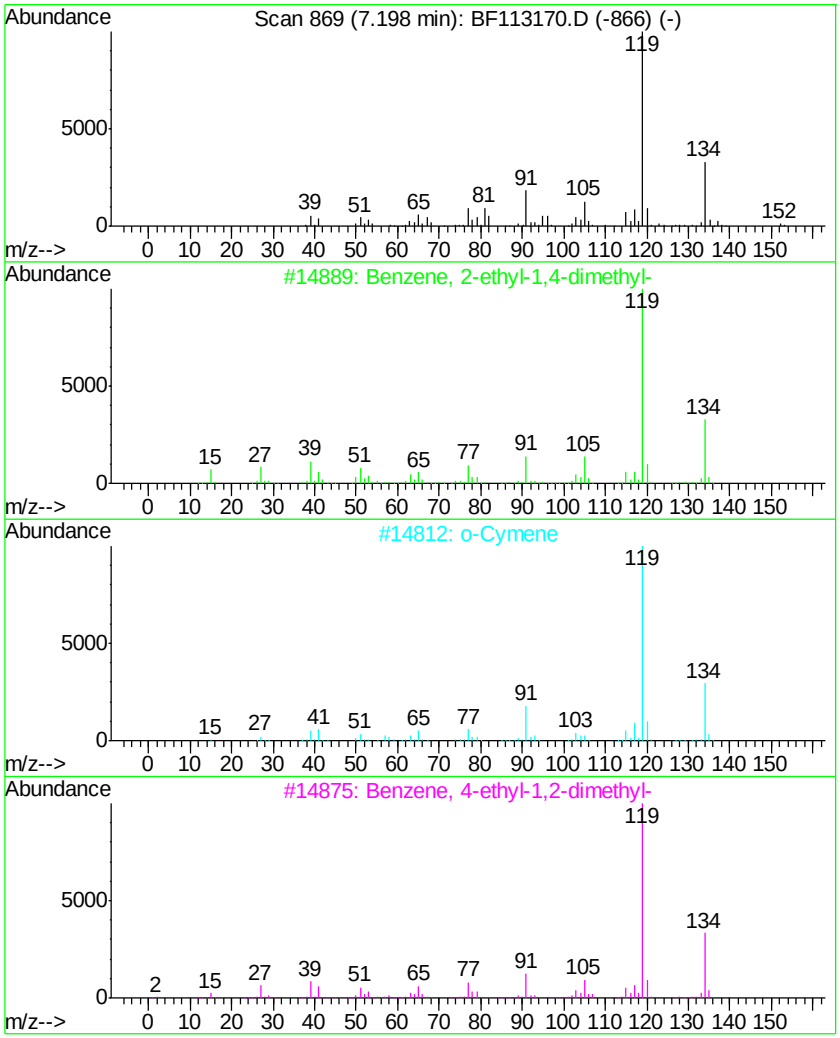
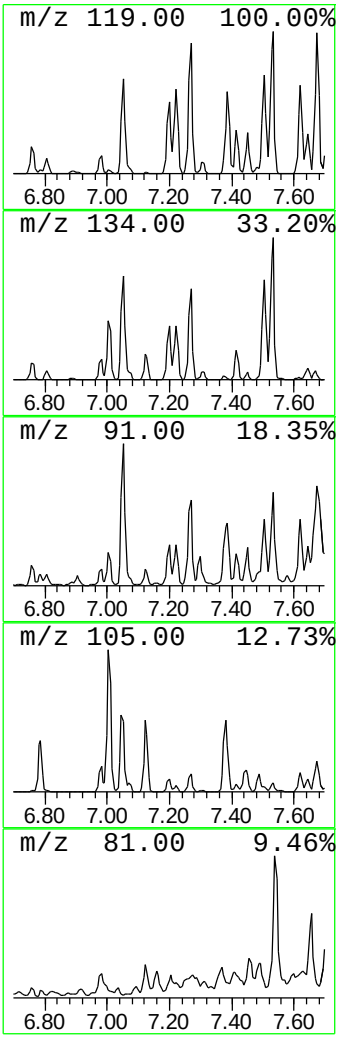
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	13.90 ng	658629	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





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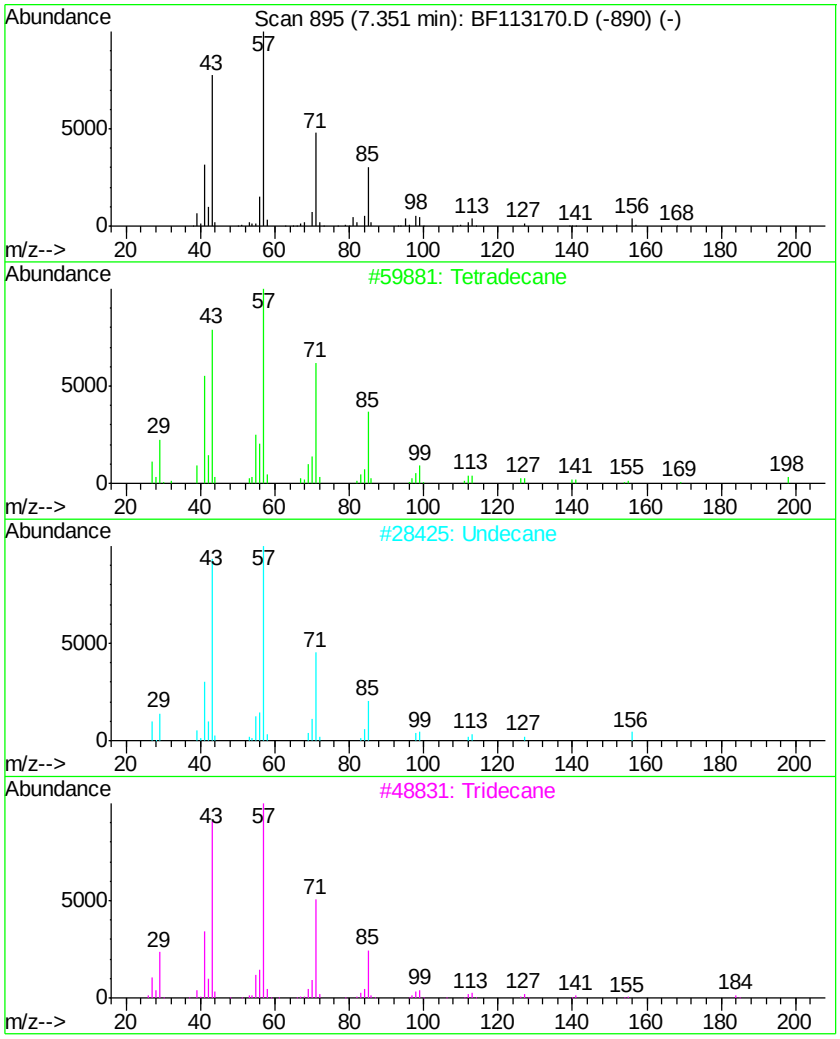
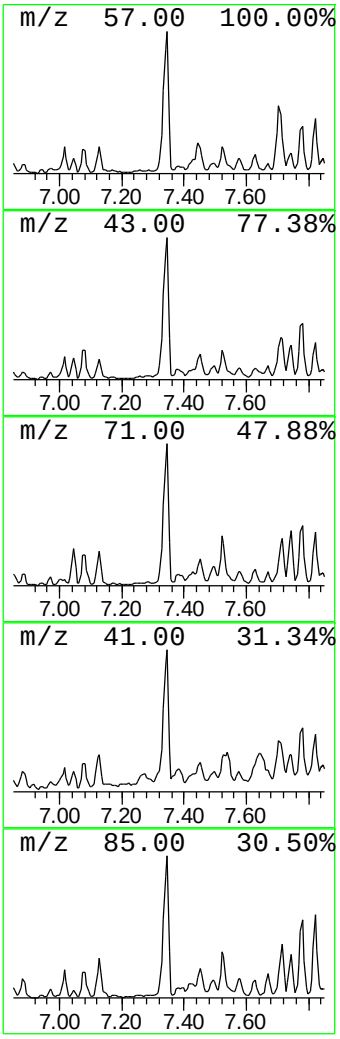
Peak Number 10 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	121.46 ng	5755230	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Undecane	156	C11H24	001120-21-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
5	Hexadecane	226	C16H34	000544-76-3	83





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ClientSampleId : 40021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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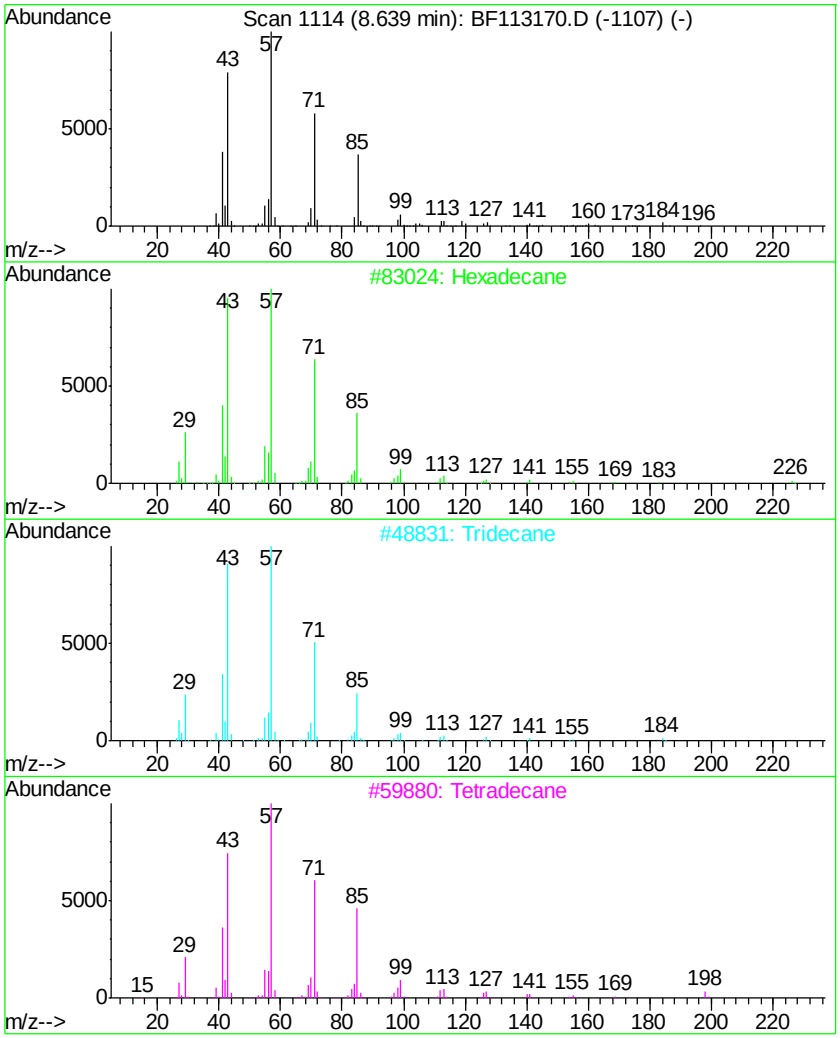
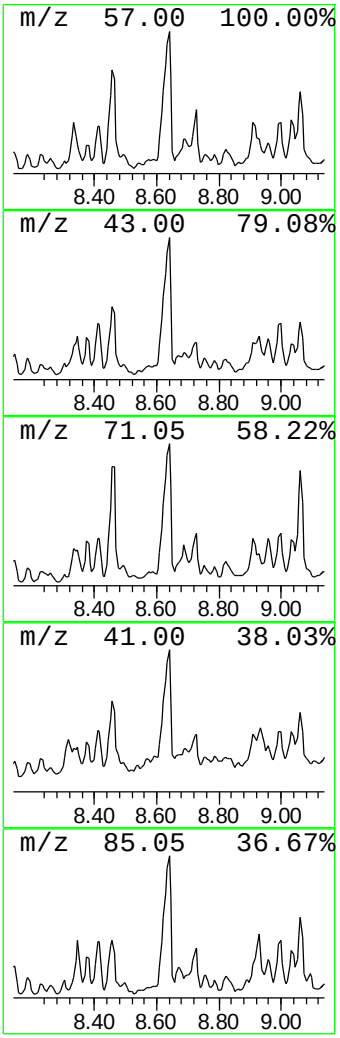
Peak Number 11 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	24.01 ng	12110400	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78





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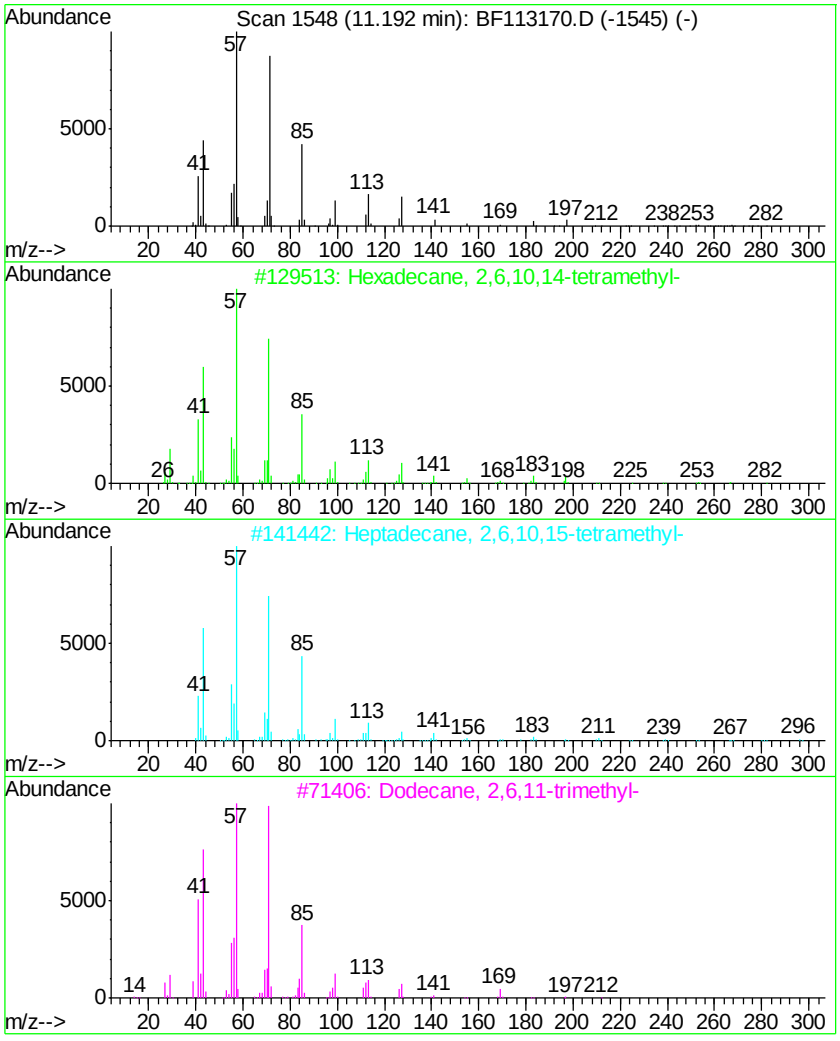
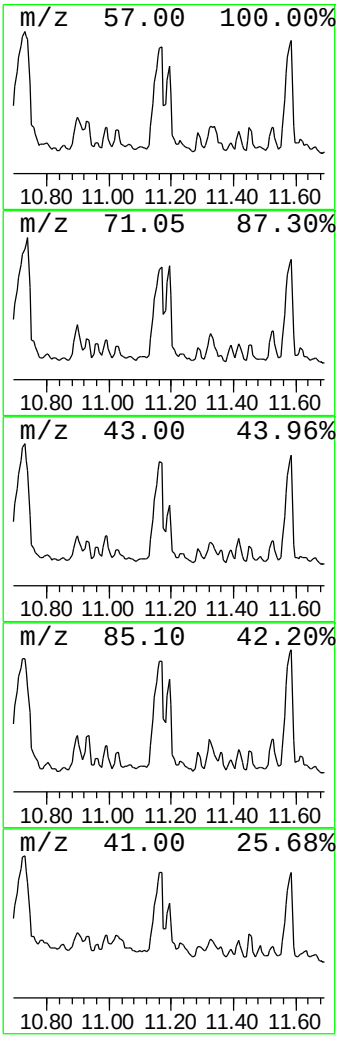
Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	20.00 ng	3647340	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	72





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Instrument : BNA_F
ClientSampleId : 40021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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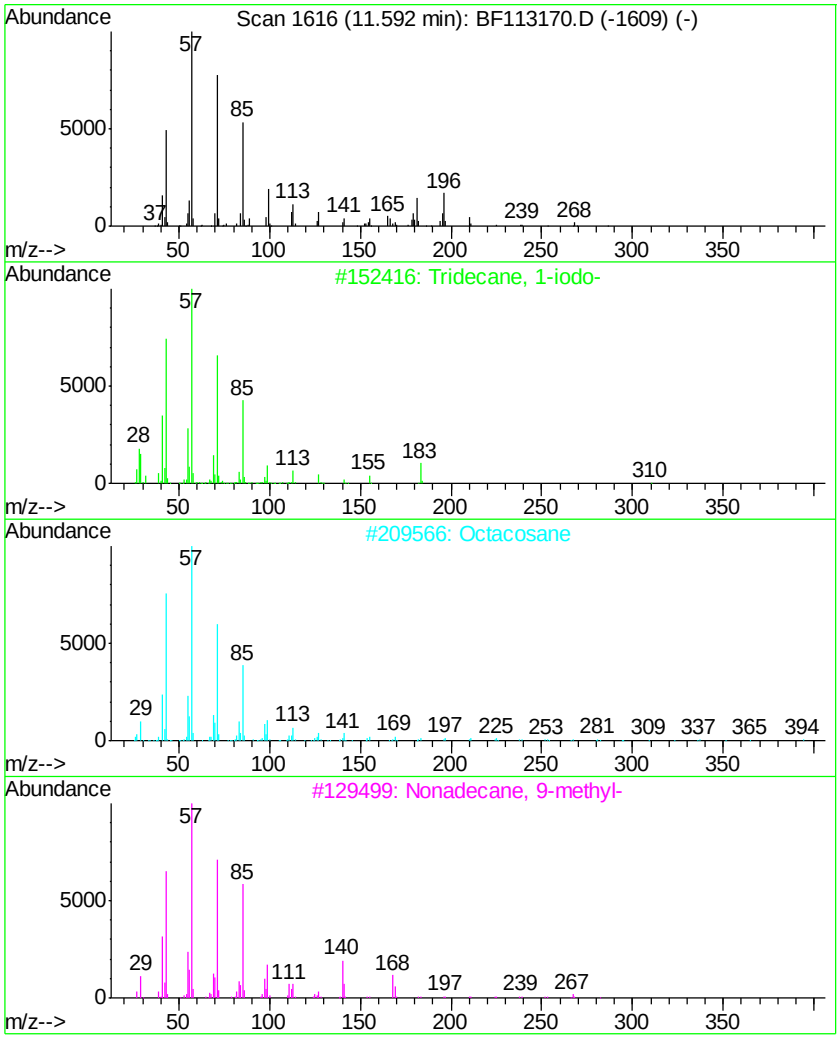
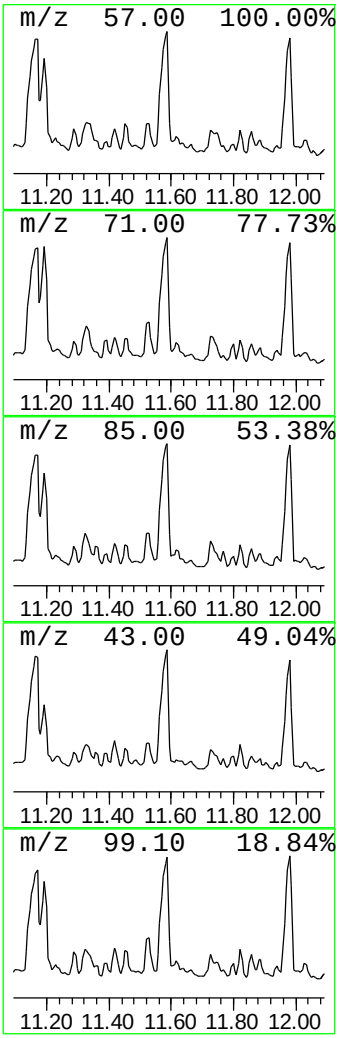
Peak Number 13 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	35.84 ng	6535650	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	78
5	9-methylheptadecane	254	C18H38	026741-18-4	78





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TIC Library : C:\DATABASE\NIST11.L
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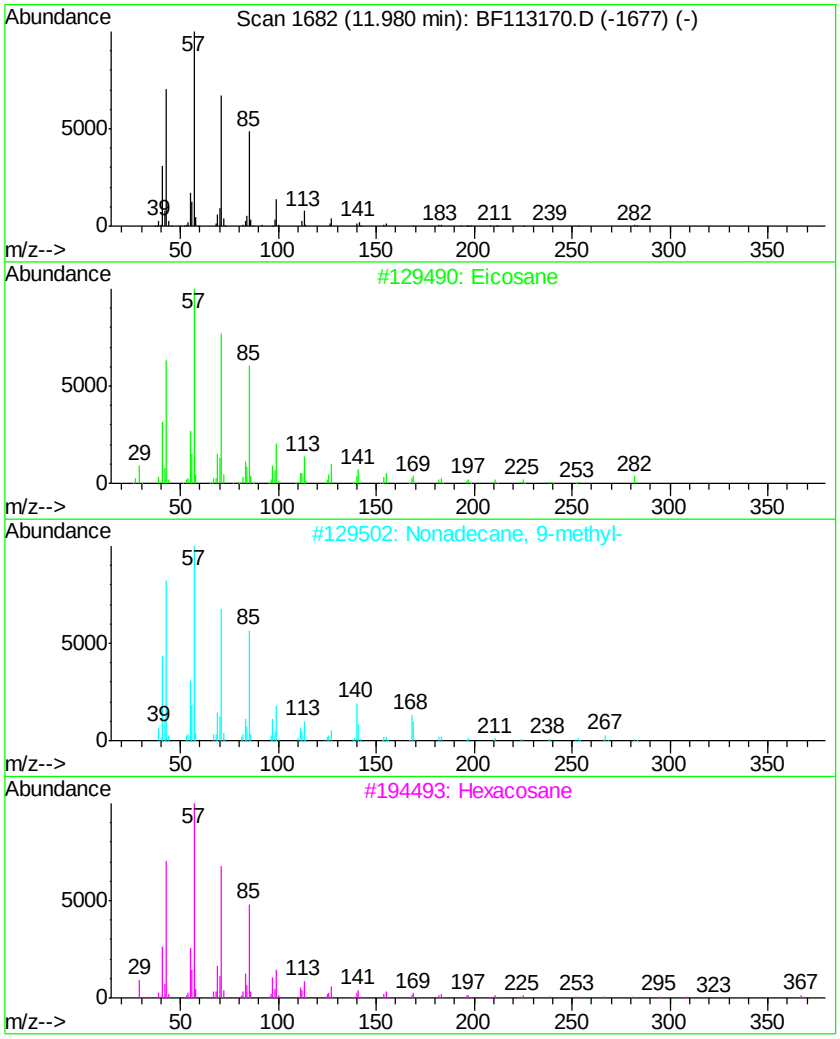
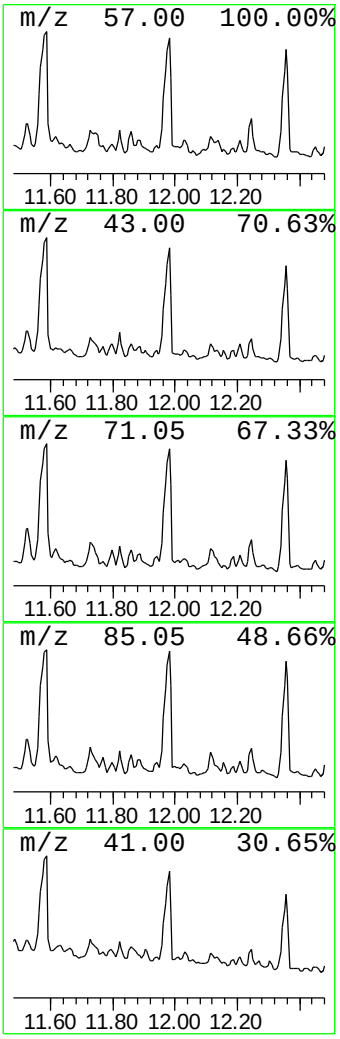
Peak Number 14 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	36.50 ng	6656890	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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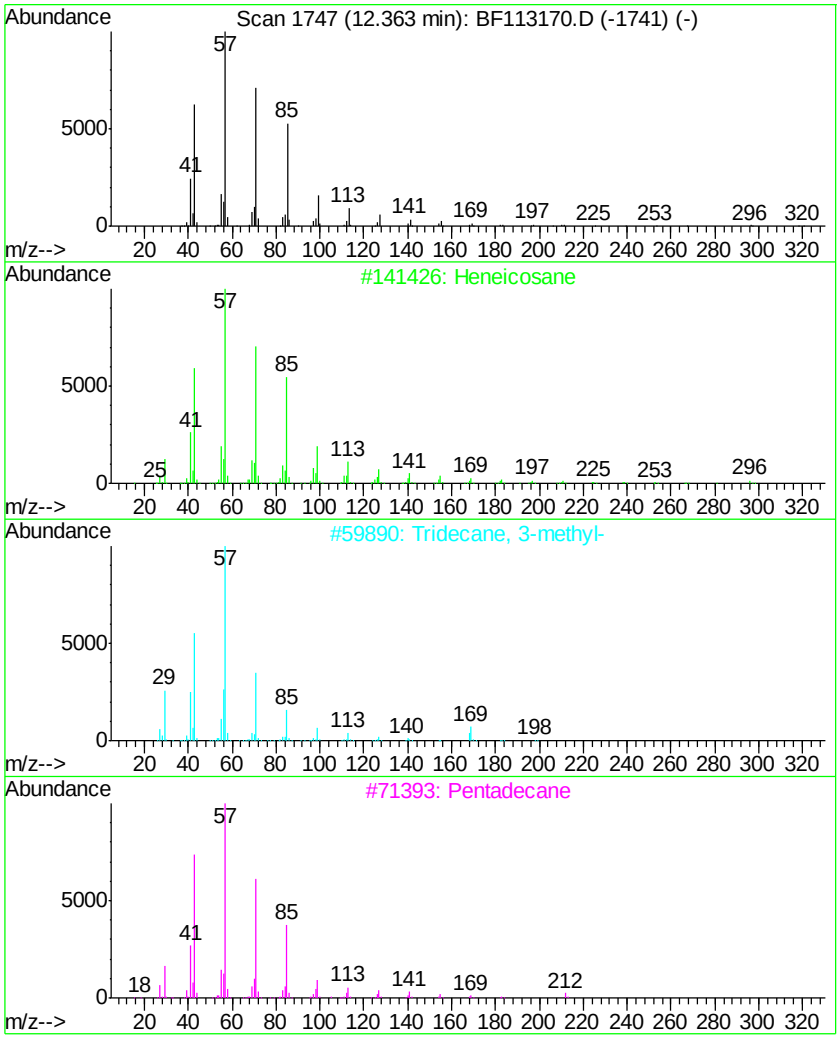
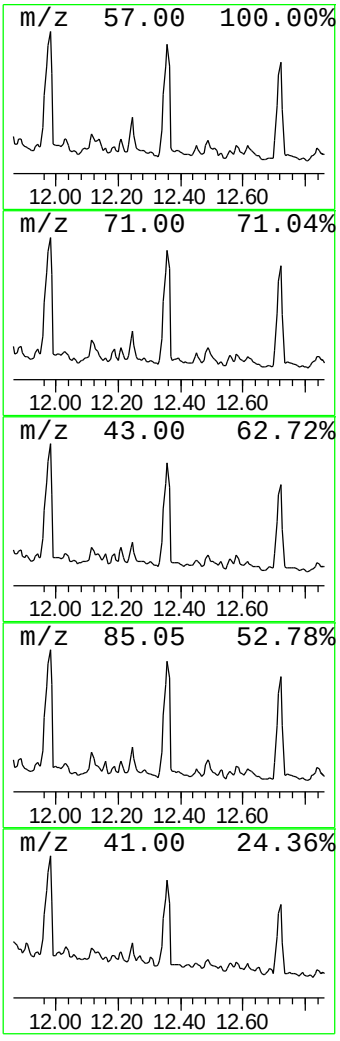
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	34.89 ng	6362080	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Tetratetracontane	619	C44H90	007098-22-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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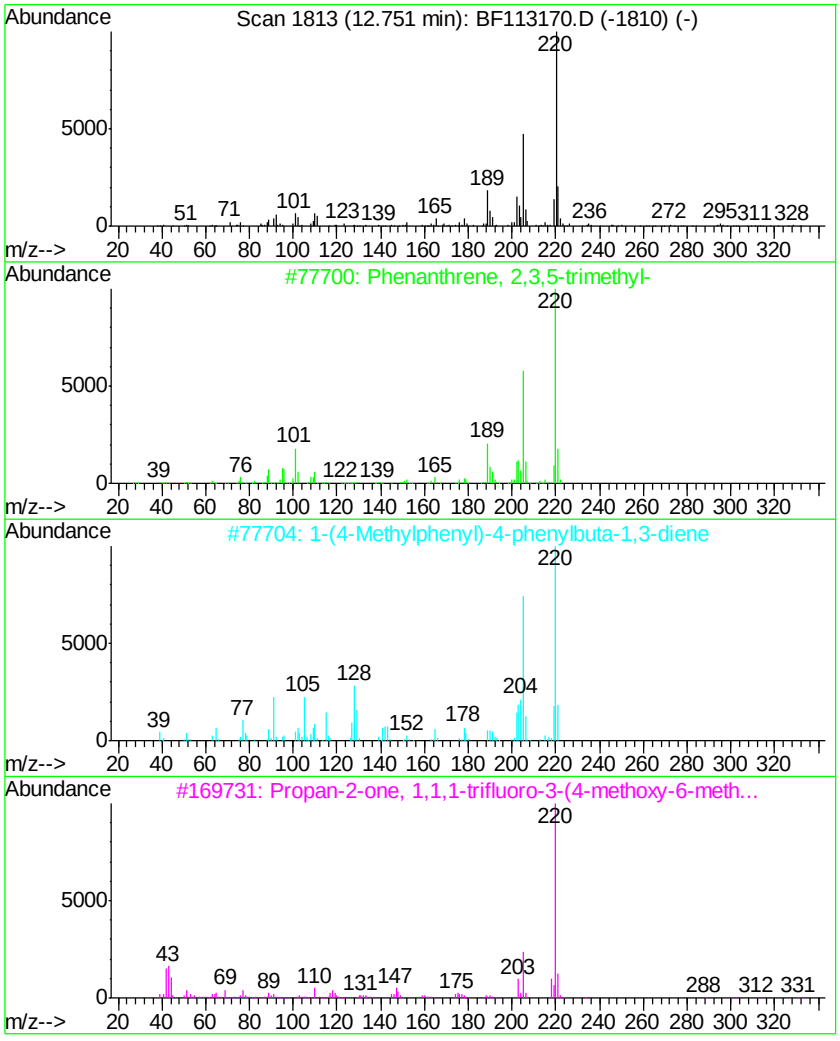
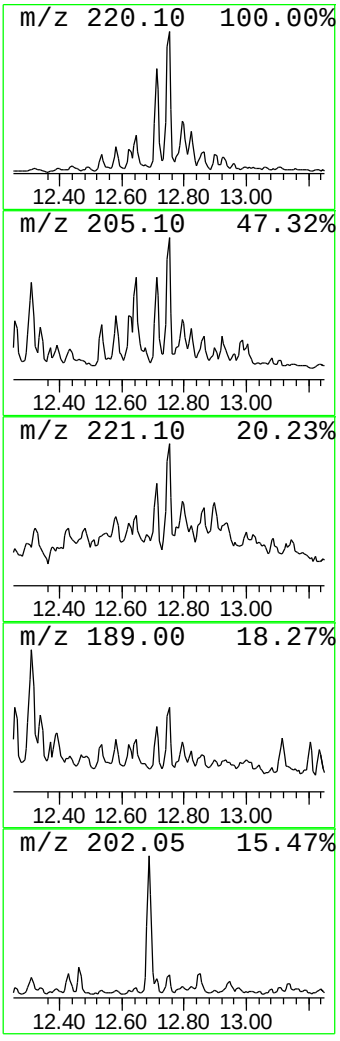
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	15.05 ng	798451	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	78
3	Propan-2-one, 1,1,1-trifluoro-3-...	331	C15H16F3NO4	1000310-90-3	50
4	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	50
5	Cyclopropanecarboxylic acid, 1-(...	360	C23H36O3	108546-71-0	50





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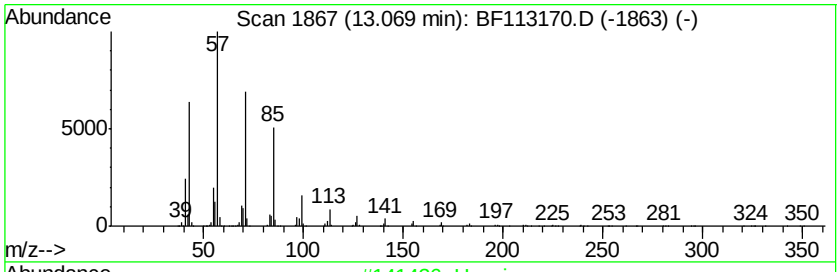
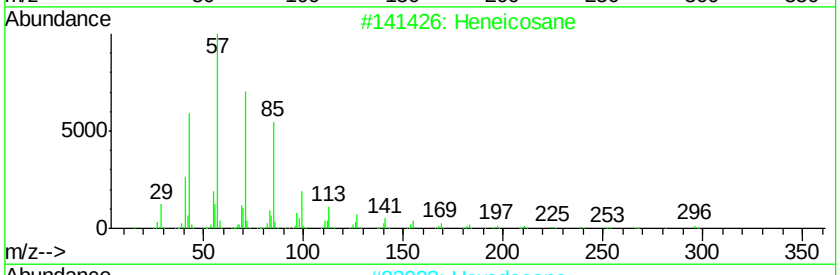
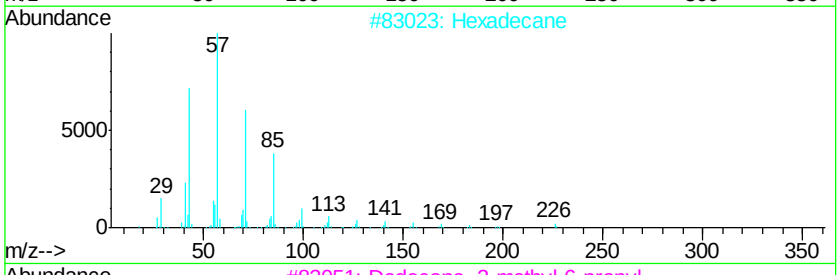
Peak Number 17 1-Iodo-2-methylundecane Concentration Rank 2

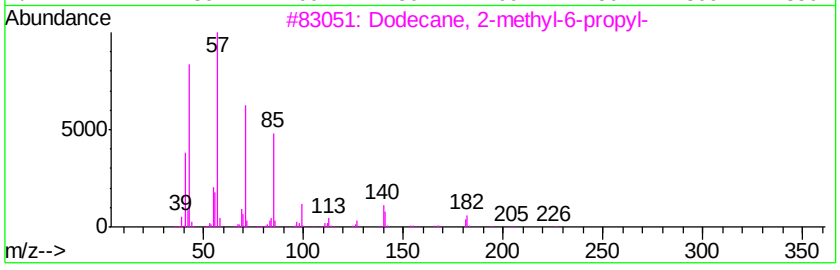
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	74.77 ng	3966370	Chrysene-d12	13.87

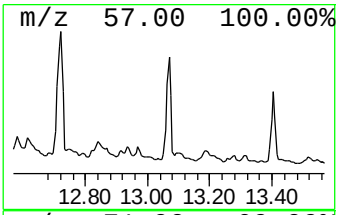
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Docosane	310	C22H46	000629-97-0	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86

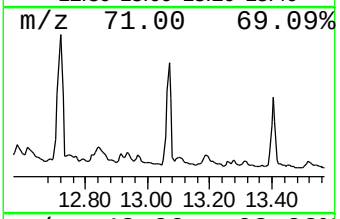


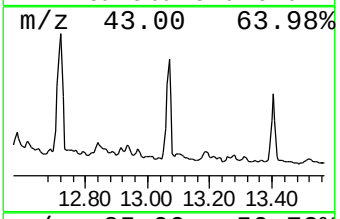


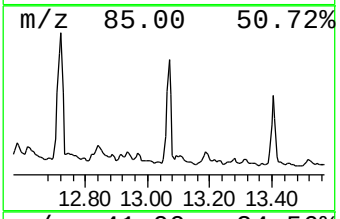


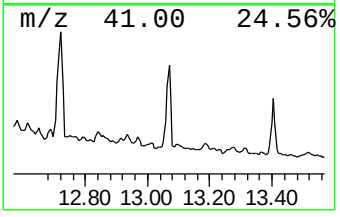












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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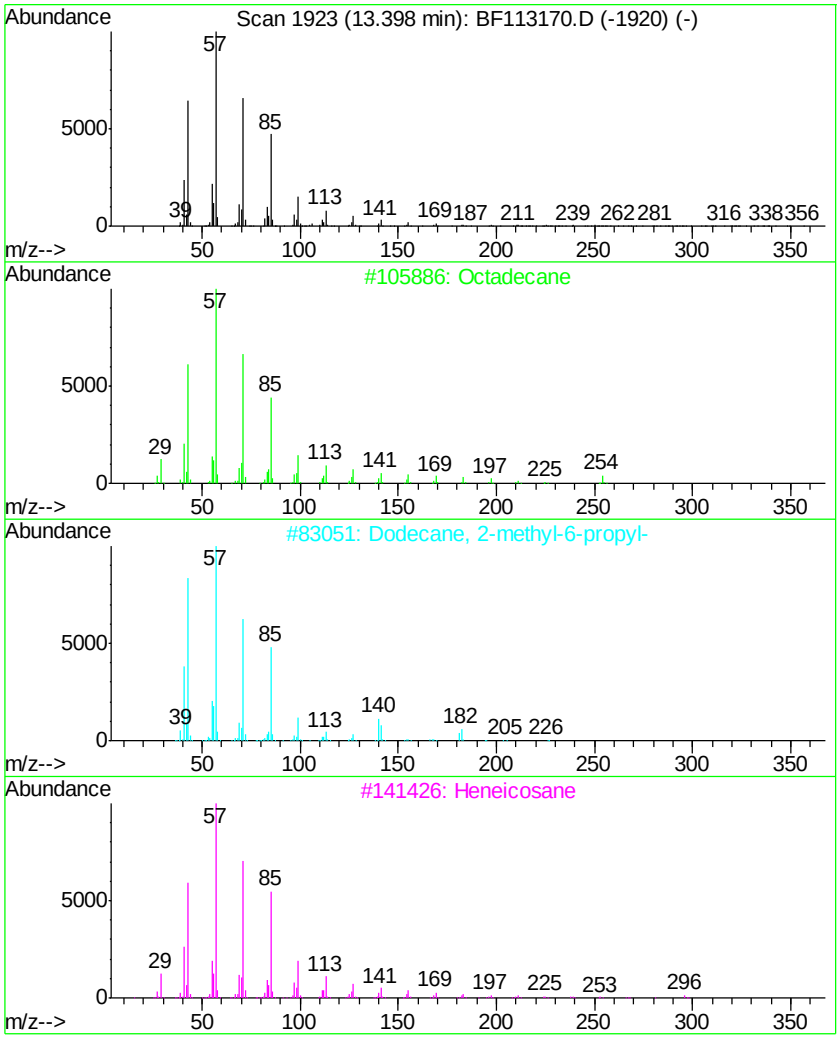
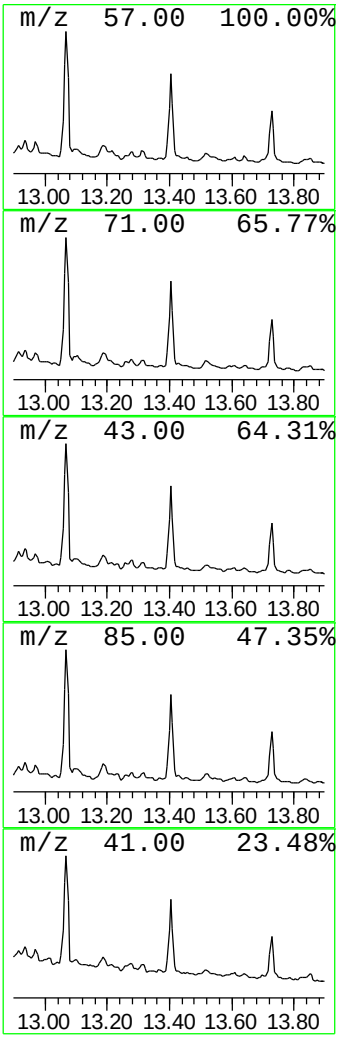
Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	50.92 ng	2700860	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Triacontane	422	C30H62	000638-68-6	90





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Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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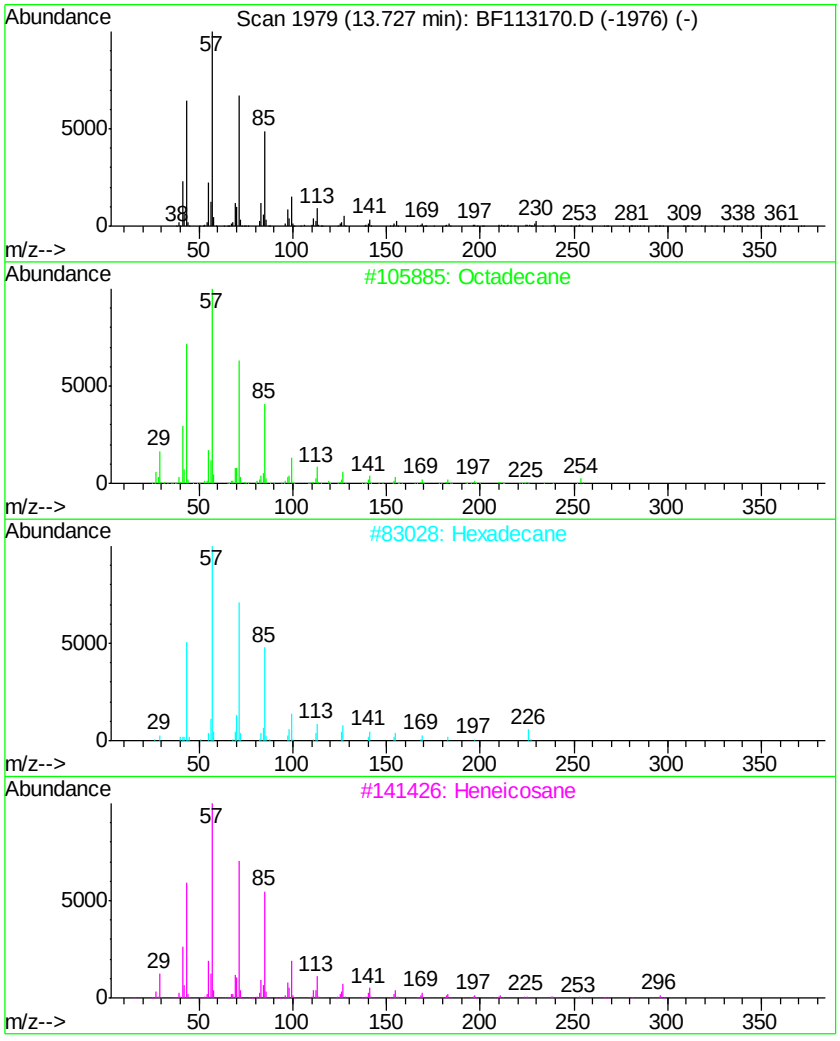
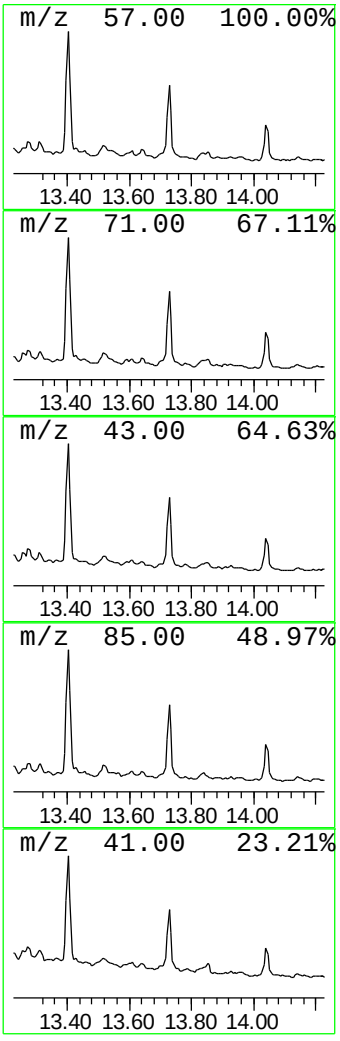
Peak Number 19 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	34.62 ng	1836470	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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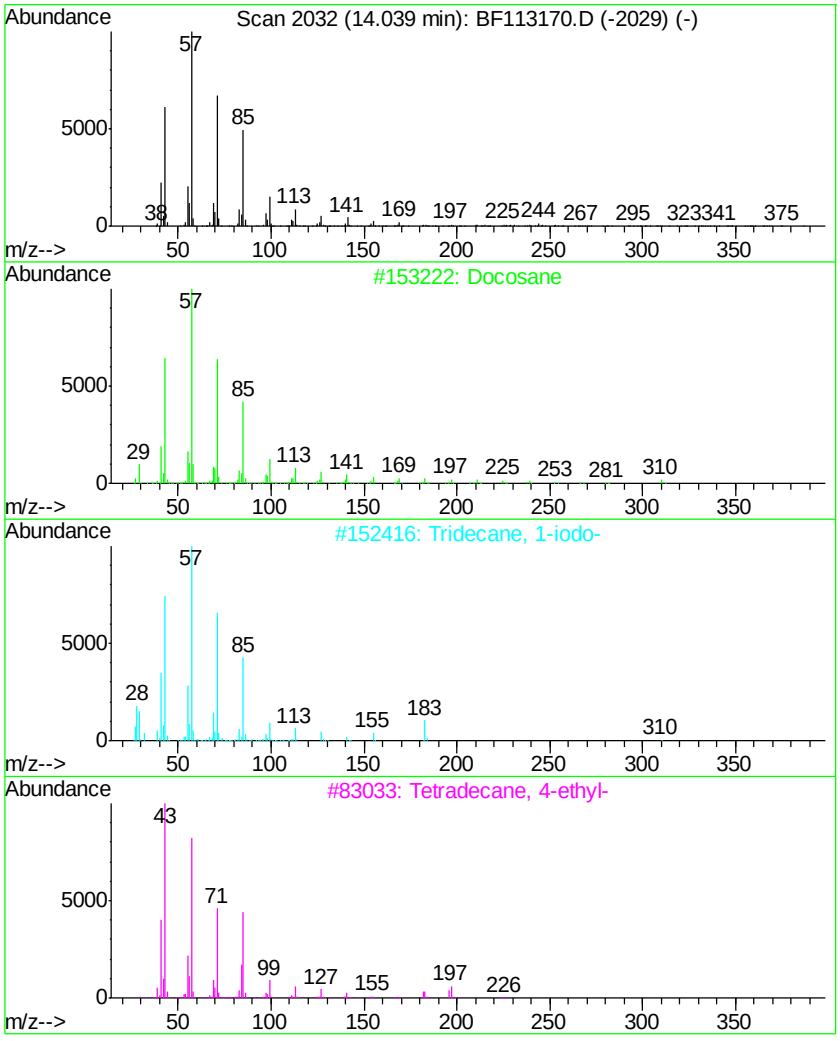
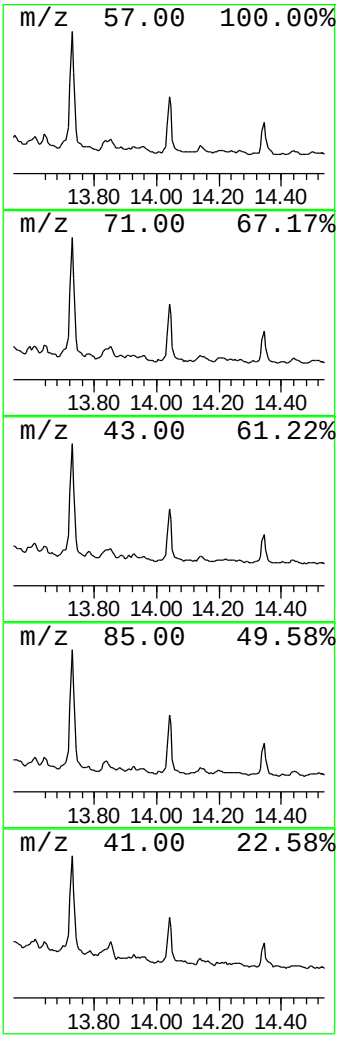
Peak Number 20 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	16.87 ng	894727	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
Acq On : 20 Mar 2019 14:45
Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	70.3	ng	3332010	1	6.72	947705	20.0
Decane	6.57	63.8	ng	3025190	1	6.72	947705	20.0
Mesitylene	6.79	14.9	ng	707023	1	6.72	947705	20.0
Benzene, 1-methyl...	7.01	31.1	ng	1474500	1	6.72	947705	20.0
Benzene, 1,3-diet...	7.05	33.0	ng	1565780	1	6.72	947705	20.0
Decane, 2-methyl-	7.07	25.9	ng	1229320	1	6.72	947705	20.0
Nonane, 3,7-dimet...	7.13	43.0	ng	2035040	1	6.72	947705	20.0
Benzene, 2-ethyl-...	7.20	13.9	ng	658629	1	6.72	947705	20.0
Tetradecane	7.35	121.5	ng	5755230	1	6.72	947705	20.0
Hexadecane	8.64	24.0	ng	12110400	2	8.01	10088600	20.0
Hexadecane, 2,6,1...	11.19	20.0	ng	3647340	4	11.27	3647340	20.0
Tridecane, 1-iodo-	11.59	35.8	ng	6535650	4	11.27	3647340	20.0
Eicosane	11.98	36.5	ng	6656890	4	11.27	3647340	20.0
Heneicosane	12.36	34.9	ng	6362080	4	11.27	3647340	20.0
Phenanthrene, 2,3...	12.75	15.1	ng	798451	5	13.87	1060890	20.0
1-Iodo-2-methylun...	13.07	74.8	ng	3966370	5	13.87	1060890	20.0
Dodecane, 2-methy...	13.40	50.9	ng	2700860	5	13.87	1060890	20.0
Octadecane	13.73	34.6	ng	1836470	5	13.87	1060890	20.0
Docosane	14.04	16.9	ng	894727	5	13.87	1060890	20.0