LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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	4.310	373	378	385	rBV2	40405	61035	5.58%	0.312%
2	4.834	462	467	471	rBV2	117051	159268	14.57%	0.814%
3	4.904	475	479	484	rVB	86911	93505	8.55%	0.478%
4	5.116	510	515	518	rBV	170463	184992	16.92%	0.945%
5	5.287	540	544	548	rBV2	57638	73435	6.72%	0.375%
6	5.334	548	552	558	rVV	318948	339627	31.06%	1.735%
7	5.398	558	563	569	rVB3	58796	79068	7.23%	0.404%
8	5.487	574	578	582	rBV	90616	113145	10.35%	0.578%
9	5.528	582	585	588	rVB	164336	145818	13.34%	0.745%
10	5.569	588	592	594	rBV	118609	116964	10.70%	0.598%
11	5.734	615	620	625	rBV3	173177	253754	23.21%	1.297%
12	5.798	625	631	633	rBV2	121394	181305	16.58%	0.926%
13	5.875	639	644	649	rVB	262523	268680	24.57%	1.373%
14	5.928	649	653	658	rBV3	116047	183976	16.83%	0.940%
15	5.975	658	661	667	rVV3	214179	290889	26.61%	1.486%
16	6.034	667	671	673	rVV2	113838	131141	11.99%	0.670%
17	6.063	673	676	679	rVV2	61735	88999	8.14%	0.455%
18	6.169	688	694	697	rBV2	258271	330492	30.23%	1.689%
19	6.257	706	709	711	rBV	103391	115798	10.59%	0.592%
20	6.287	711	714	718	rVB2	110876	129639	11.86%	0.662%
21	6.363	722	727	731	rBV	358986	411249	37.61%	2.101%
22	6.428	735	738	741	rVB4	46712	51664	4.73%	0.264%
23	6.469	741	745	747	rBV	165386	181540	16.60%	0.928%
24	6.492	747	749	754	rVB2	457309	433769	39.67%	2.216%
25	6.569	760	762	764	rBV	66635	69236	6.33%	0.354%
26	6.663	772	778	782	rVV5	86427	156200	14.29%	0.798%
27	6.698	782	784	785	rVV2	76101	64887	5.93%	0.332%
28	6.722	785	788	791	rVV	863622	773153	70.72%	3.950%
29	6.751	791	793	796	rVB	267654	207792	19.01%	1.062%
30	6.792	796	800	803	rBV2	140926	161600	14.78%	0.826%
31	6.851	807	810	812	rVV	175208	152481	13.95%	0.779%
32	6.875	812	814	819	rVV2	540335	543779	49.74%	2.778%
33	6.910	819	820	823	rVB	80645	56581	5.18%	0.289%
34	6.940	823	825	827	rBV	62079	68066	6.23%	0.348%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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	6.963	827	829	831	rVV2	84157	73914	6.76%	0.378%
36	6.998	831	835	841	rVB6	70613	105181	9.62%	0.537%
37	7.087	845	850	852	rBV2	76563	91556	8.37%	0.468%
38	7.122	853	856	858	rBV	105773	79348	7.26%	0.405%
39	7.275	874	882	886	rBV3	267012	448248	41.00%	2.290%
40	7.310	886	888	890	rVV	134663	103637	9.48%	0.530%
41	7.381	894	900	903	rVB4	106230	181528	16.60%	0.928%
42	7.439	903	910	915	rBV2	96846	215998	19.76%	1.104%
43	7.498	915	920	921	rBV3	60034	80917	7.40%	0.413%
44	7.516	921	923	925	rVV	73644	69459	6.35%	0.355%
45	7.534	925	926	930	rVB2	155181	112301	10.27%	0.574%
46	7.634	938	943	945	rBV2	182270	237872	21.76%	1.215%
47	7.698	950	954	956	rBV4	59171	86838	7.94%	0.444%
48	7.775	962	967	969	rBV3	76039	93504	8.55%	0.478%
49	7.834	974	977	981	rBV2	71394	78733	7.20%	0.402%
50	7.881	981	985	987	rBV3	49489	53718	4.91%	0.274%
51	7.969	994	1000	1001	rBV2	109864	133898	12.25%	0.684%
52	8.004	1002	1006	1011	rVV	1119241	1075440	98.37%	5.495%
53	8.063	1014	1016	1017	rVV2	91262	87706	8.02%	0.448%
54	8.081	1017	1019	1021	rVV	434854	310856	28.43%	1.588%
55	8.104	1021	1023	1031	rVB5	123859	266414	24.37%	1.361%
56	8.175	1031	1035	1037	rBV2	80312	114810	10.50%	0.587%
57	8.245	1045	1047	1050	rVB4	74634	71421	6.53%	0.365%
58	8.286	1050	1054	1055	rBV2	93466	85432	7.81%	0.437%
59	8.304	1055	1057	1060	rVV2	179048	196421	17.97%	1.004%
60	8.334	1060	1062	1065	rVB	85399	69183	6.33%	0.353%
61	8.363	1065	1067	1070	rVB2	109805	92240	8.44%	0.471%
62	8.398	1070	1073	1076	rBV3	74570	77833	7.12%	0.398%
63	8.439	1077	1080	1085	rBV	300902	333473	30.50%	1.704%
64	8.604	1105	1108	1110	rBV	107464	114613	10.48%	0.586%
65	8.645	1113	1115	1117	rBV2	58928	56810	5.20%	0.290%
66	8.704	1122	1125	1128	rVB2	193313	229198	20.96%	1.171%
67	8.751	1128	1133	1134	rBV4	57137	92122	8.43%	0.471%
68	8.804	1139	1142	1143	rVV2	61130	63185	5.78%	0.323%
69	8.822	1143	1145	1150	rVB3	79240	89644	8.20%	0.458%
70	8.869	1150	1153	1155	rBV2	73342	62306	5.70%	0.318%
71	8.892	1155	1157	1159	rVV	86929	88315	8.08%	0.451%

LSC Area Percent Report

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Sample : K1971-10 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	8.922	1159	1162	1167	rVV	223783	221370	20.25%	1.131%
73	8.981	1169	1172	1175	rVV3	63714	68301	6.25%	0.349%
74	9.039	1179	1182	1184	rVV	230839	198998	18.20%	1.017%
75	9.081	1185	1189	1194	rVB	540121	486951	44.54%	2.488%
76	9.186	1204	1207	1209	rVB2	78260	60419	5.53%	0.309%
77	9.233	1214	1215	1220	rVB4	92289	114248	10.45%	0.584%
78	9.286	1220	1224	1227	rVB3	79596	96115	8.79%	0.491%
79	9.333	1227	1232	1234	rBV4	68278	94345	8.63%	0.482%
80	9.363	1234	1237	1239	rVB	86340	71429	6.53%	0.365%
81	9.492	1253	1259	1261	rBV2	416513	389752	35.65%	1.991%
82	9.516	1261	1263	1266	rVB3	78803	74952	6.86%	0.383%
83	9.669	1287	1289	1292	rVB2	59343	57432	5.25%	0.293%
84	9.757	1298	1304	1307	rBV	1168074	1093313	100.00%	5.586%
85	9.875	1321	1324	1328	rVB2	62379	61513	5.63%	0.314%
86	9.922	1329	1332	1336	rBV2	59773	86057	7.87%	0.440%
87	10.028	1347	1350	1352	rVB	125005	104784	9.58%	0.535%
88	10.251	1386	1388	1393	rVB2	62256	75387	6.90%	0.385%
89	10.316	1397	1399	1403	rVB2	67754	78916	7.22%	0.403%
90	10.416	1412	1416	1419	rVB	164542	167337	15.31%	0.855%
91	10.539	1433	1437	1442	rBV2	245132	311833	28.52%	1.593%
92	10.680	1457	1461	1468	rBV	228506	275681	25.22%	1.409%
93	11.145	1537	1540	1544	rVB	178408	191052	17.47%	0.976%
94	11.198	1546	1549	1552	rBV4	45719	68311	6.25%	0.349%
95	11.233	1552	1555	1559	rBV	1036168	1004417	91.87%	5.132%
96	11.492	1597	1599	1603	rBV3	113836	119983	10.97%	0.613%
97	12.010	1684	1687	1691	rVB3	144287	164870	15.08%	0.842%
98	12.180	1714	1716	1719	rVB	296686	258671	23.66%	1.322%
99	12.816	1822	1824	1827	rBV	480258	463940	42.43%	2.370%
100	13.874	2001	2004	2006	rBV	687172	613517	56.12%	3.135%

Sum of corrected areas: 19571493

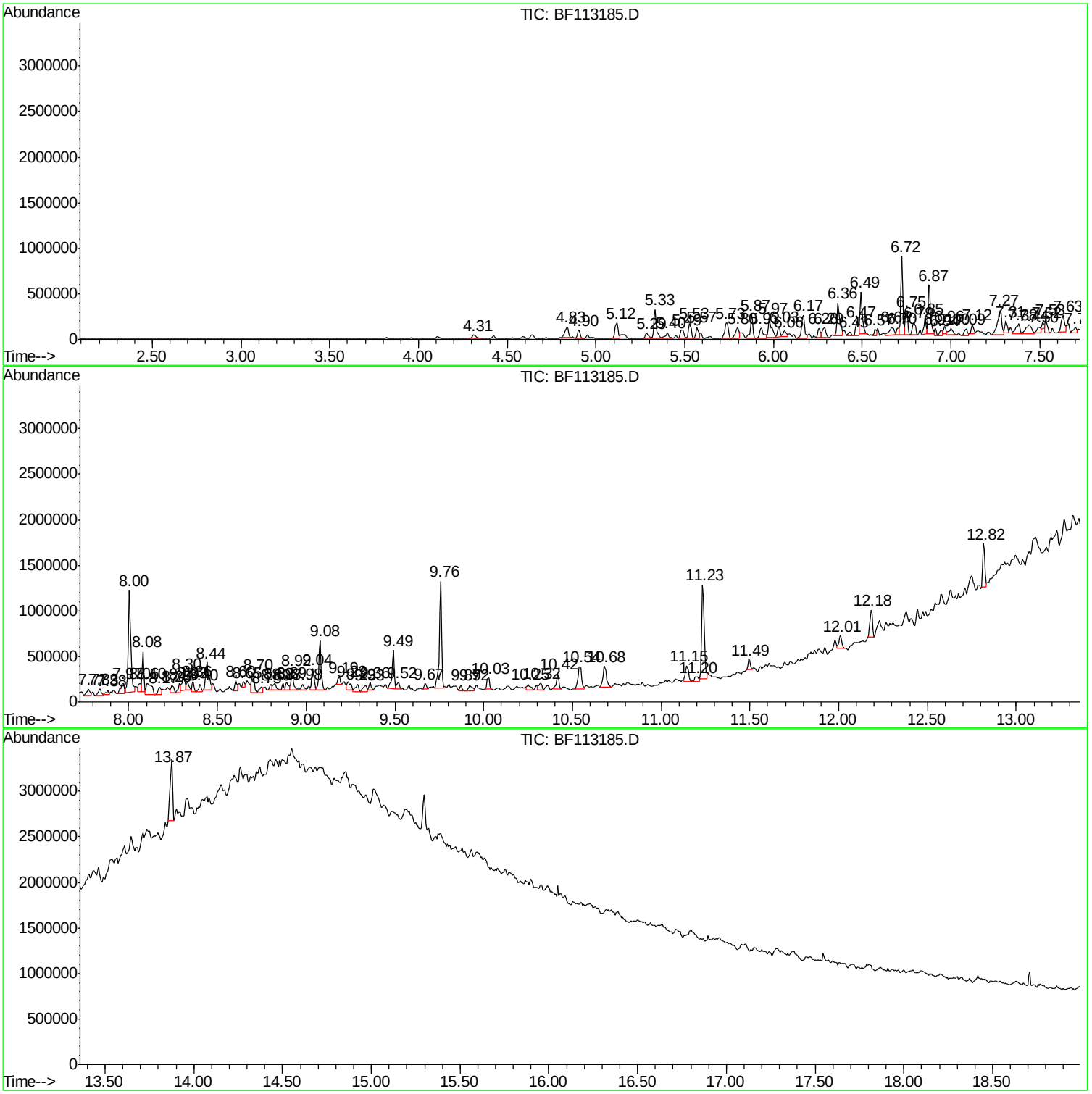
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
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Sample : K1971-10 10X
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Instrument :
BNA_F
ClientSampleId :
SB-15(6-7)-031519

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

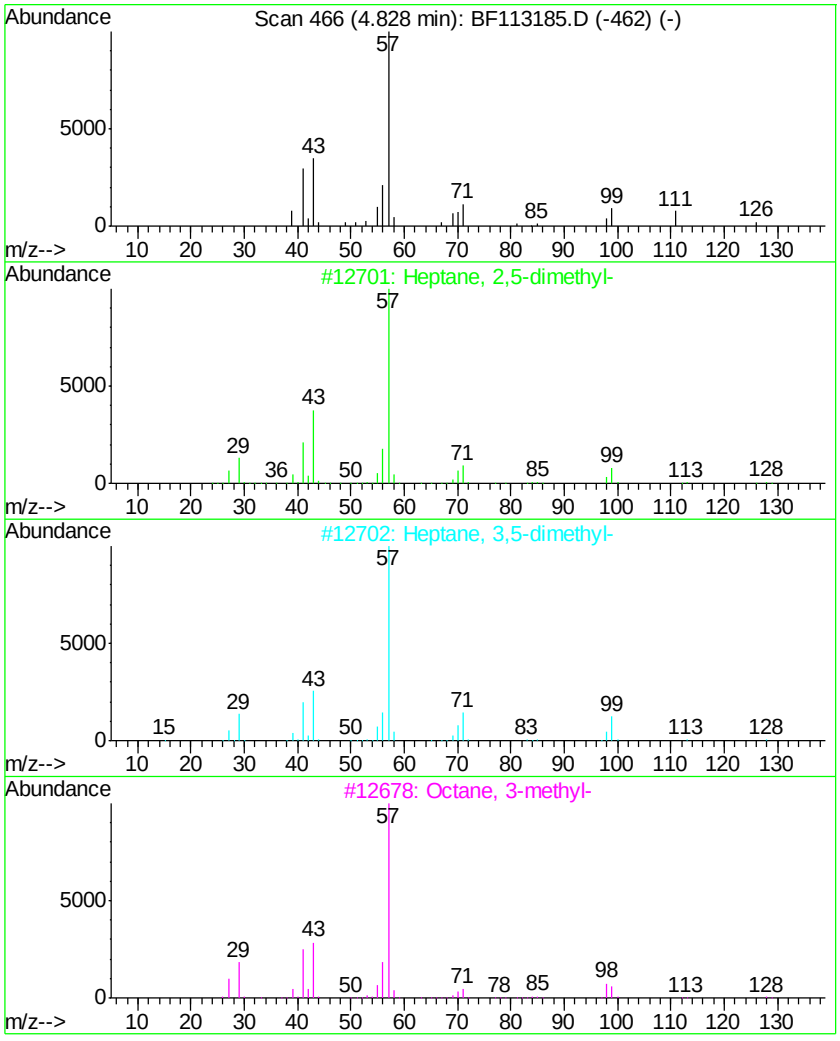
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

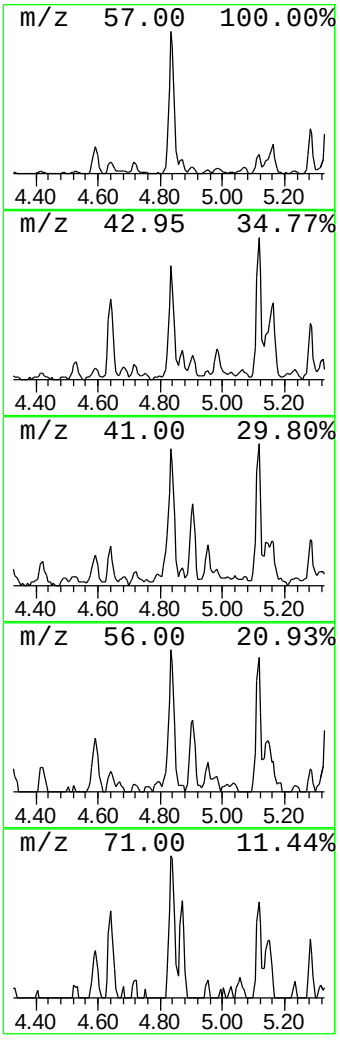
****

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	4.12 ng	159268	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	91
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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

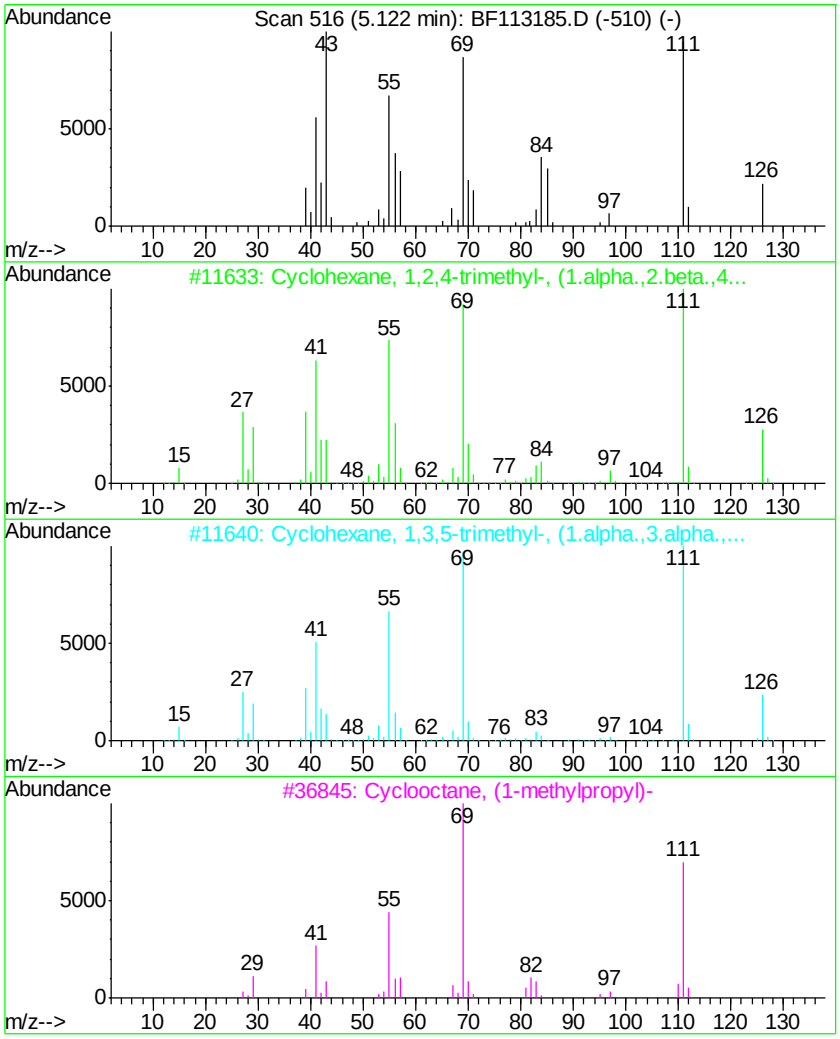
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

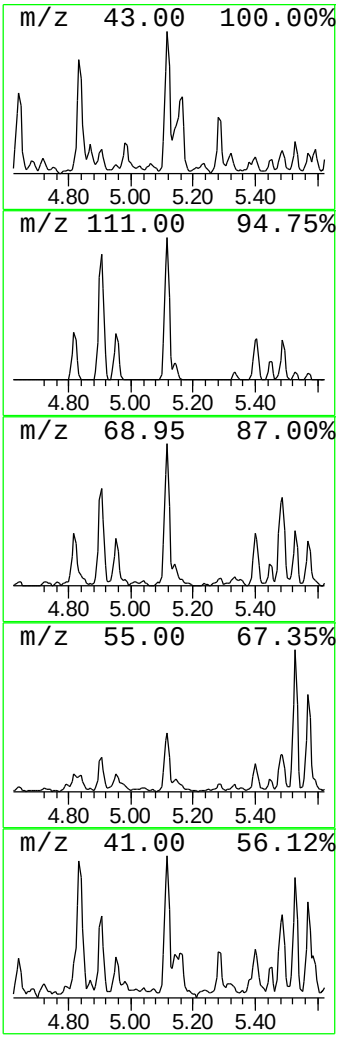
****

Peak Number 2 Cyclohexane, 1,2,4-trimethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	4.79 ng	184992	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	52
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	46
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	45





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

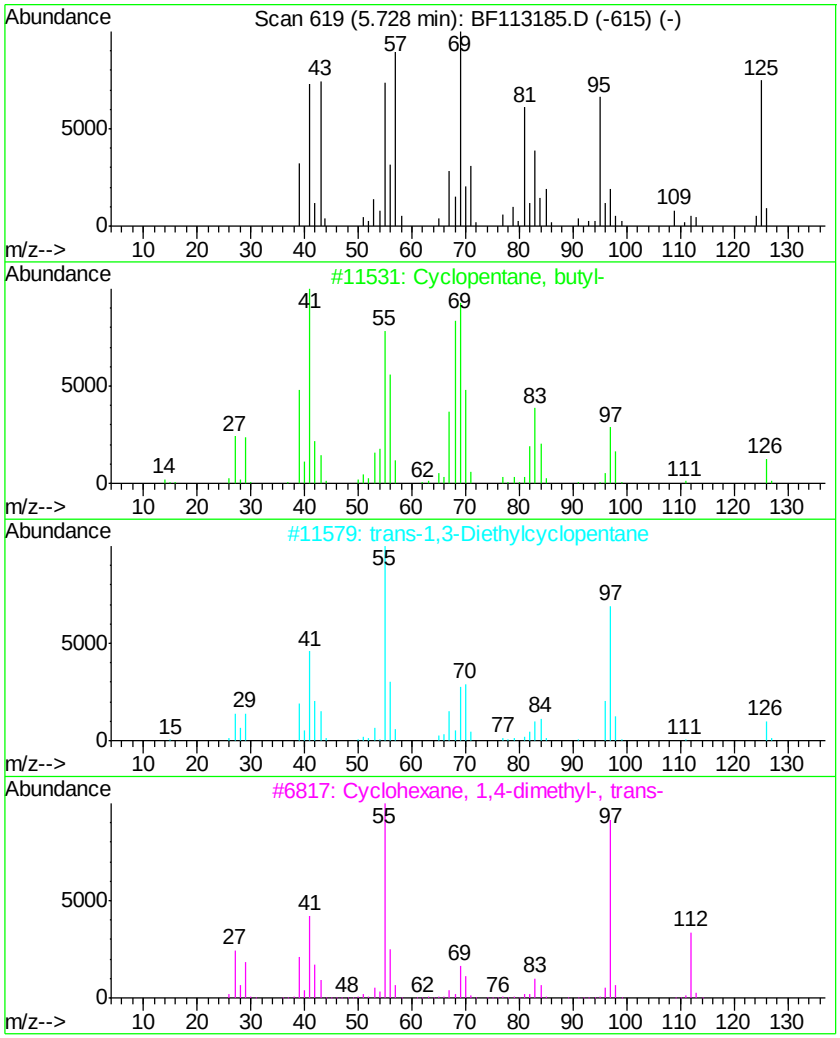
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

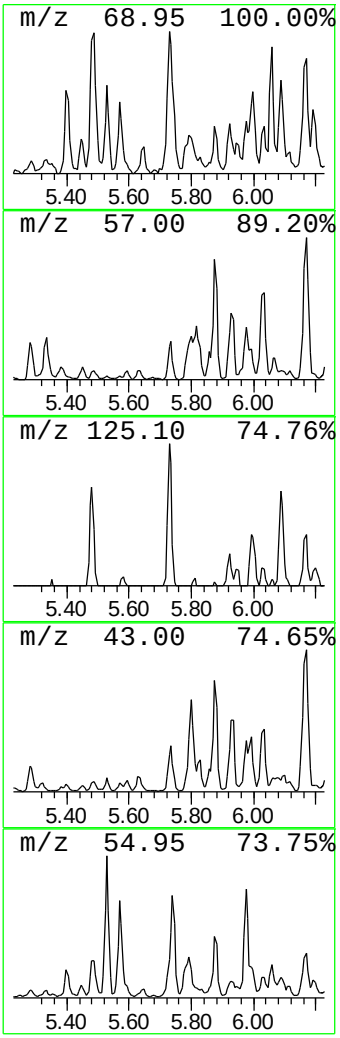
****

Peak Number 3 unknown5.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	6.56 ng	253754	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	47
2	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	41
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	30
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	30
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	30





Library Search Compound Report

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

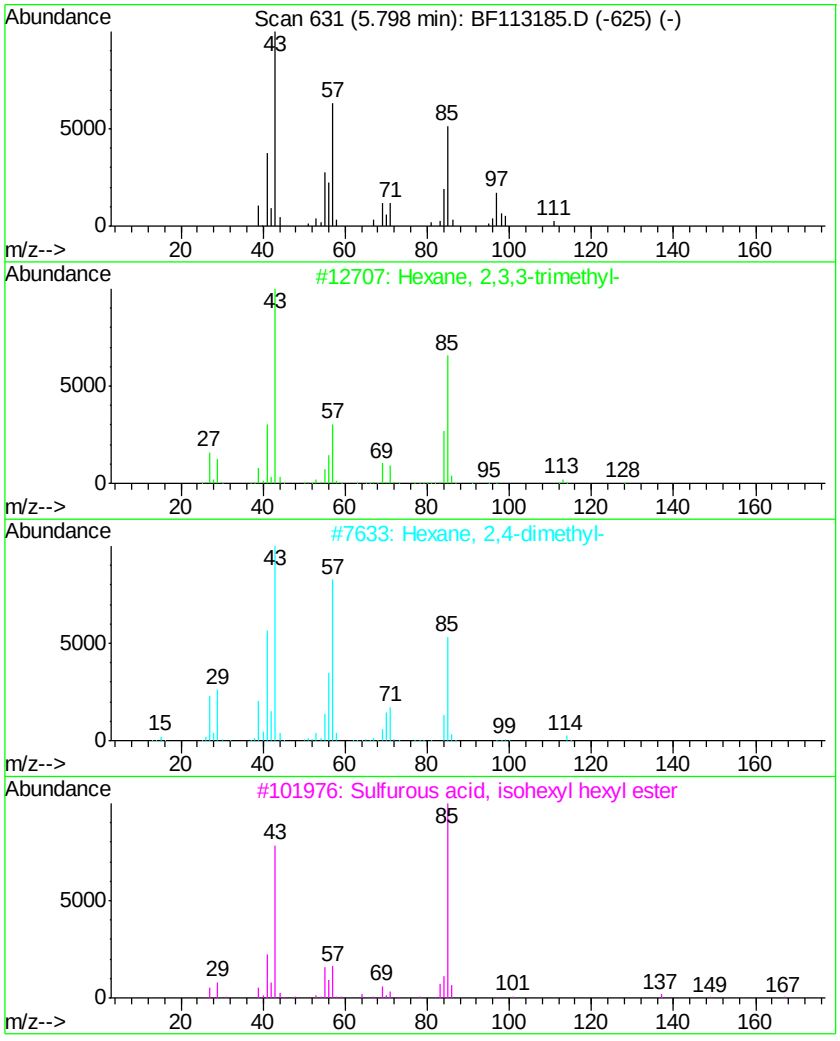
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

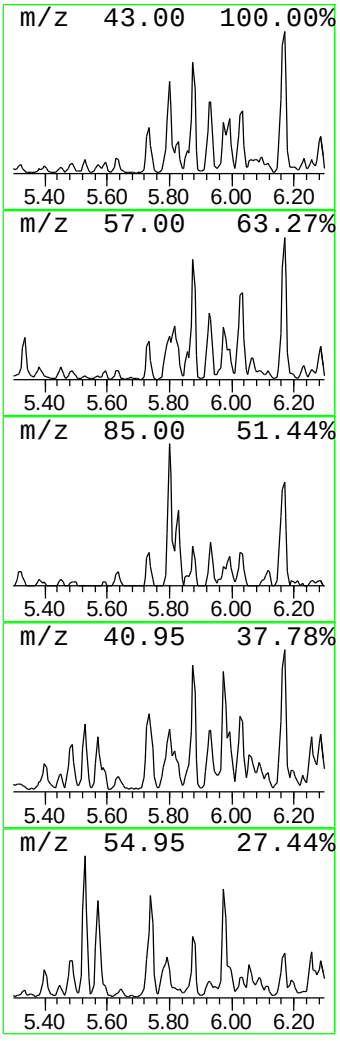
****

Peak Number 4 Hexane, 2,3,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	4.69 ng	181305	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
3	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	50
4	2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	47
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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

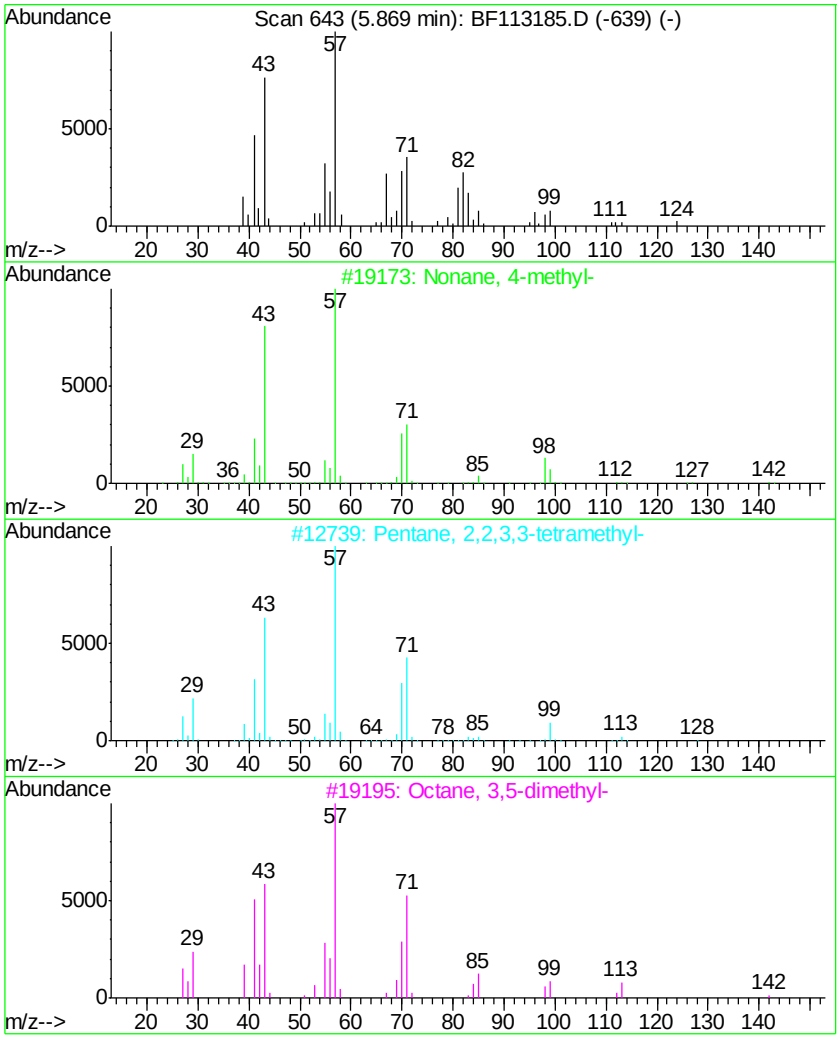
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

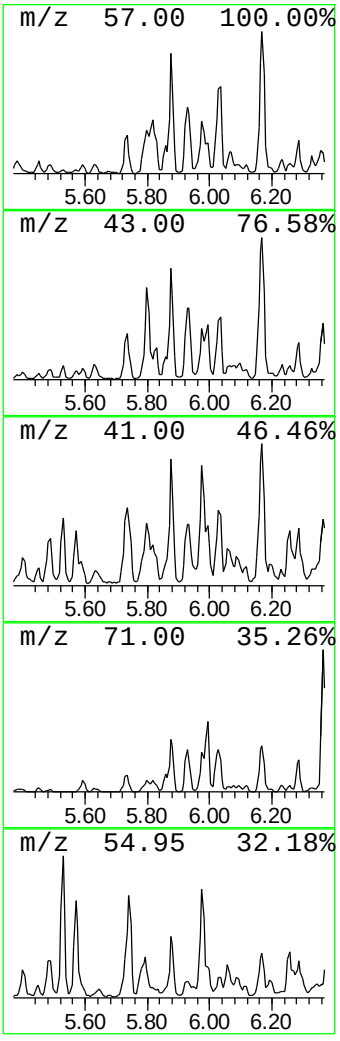
****

Peak Number 5 unknown5.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	6.95 ng	268680	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	35
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	30





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Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15(6-7)-031519

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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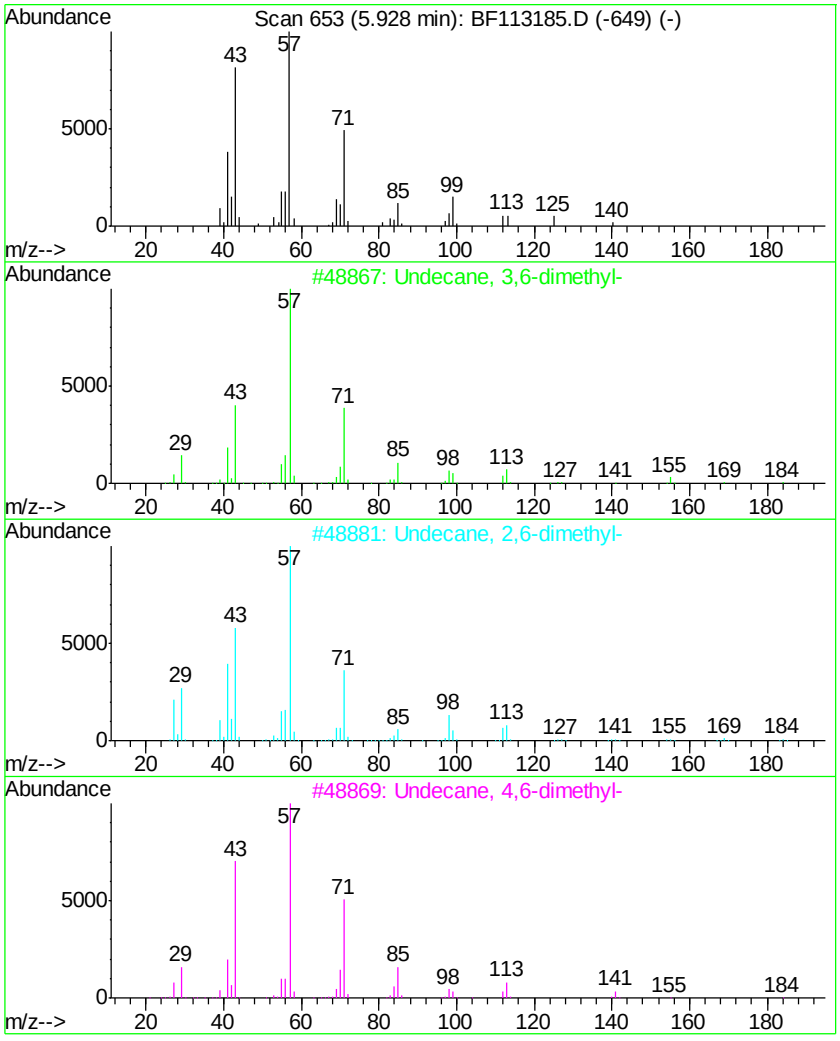
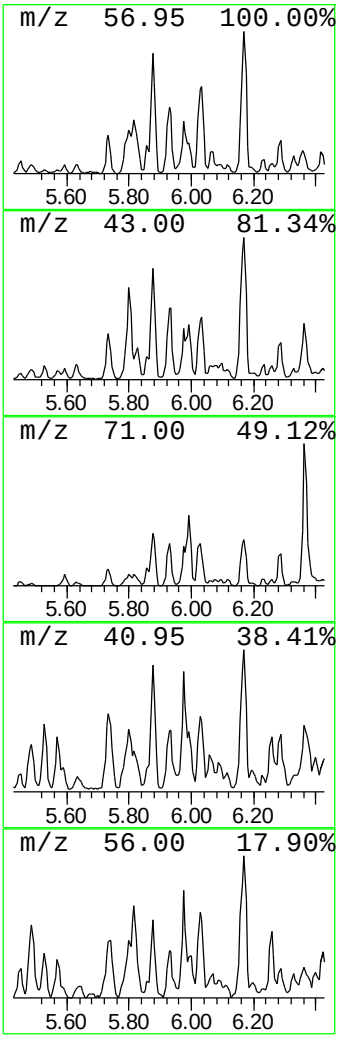
Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.76 ng	183976	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5	Tetradecane	198	C14H30	000629-59-4	59





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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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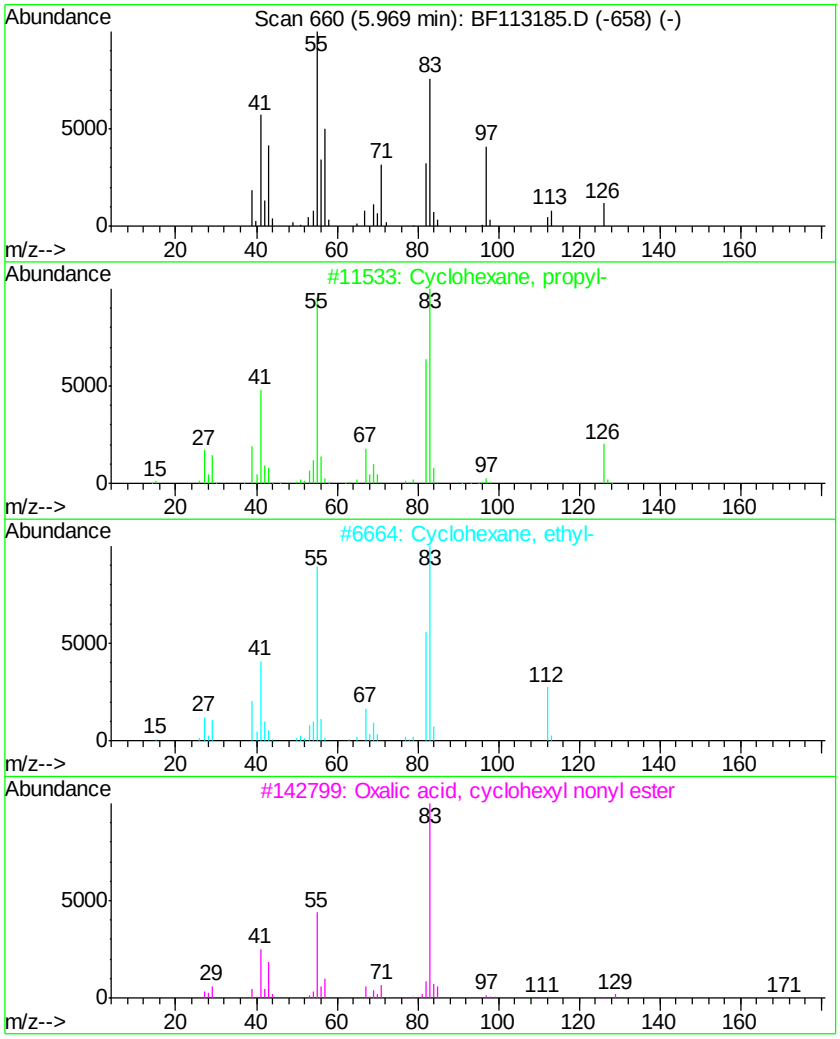
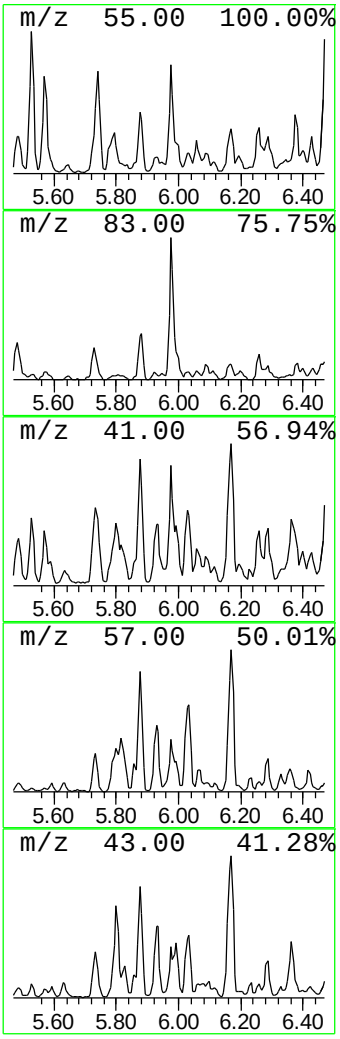
Peak Number 7 Cyclohexane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	7.52 ng	290889	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
3	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	46
4	Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	46
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	46





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

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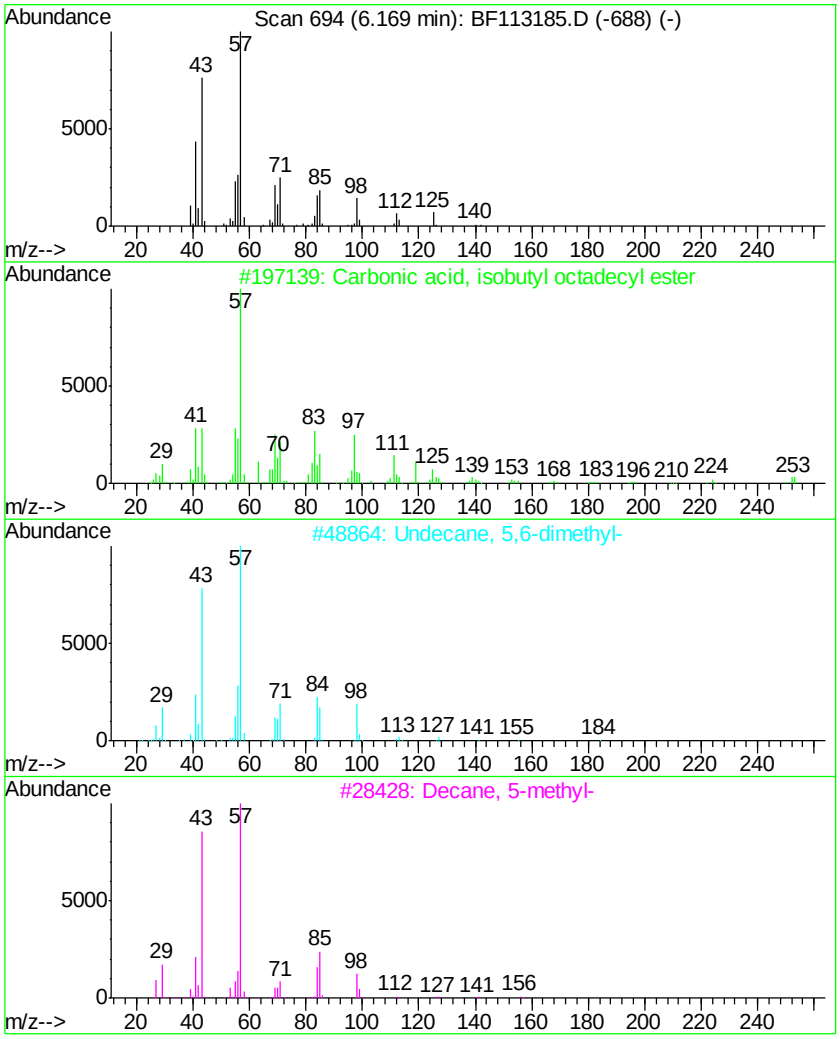
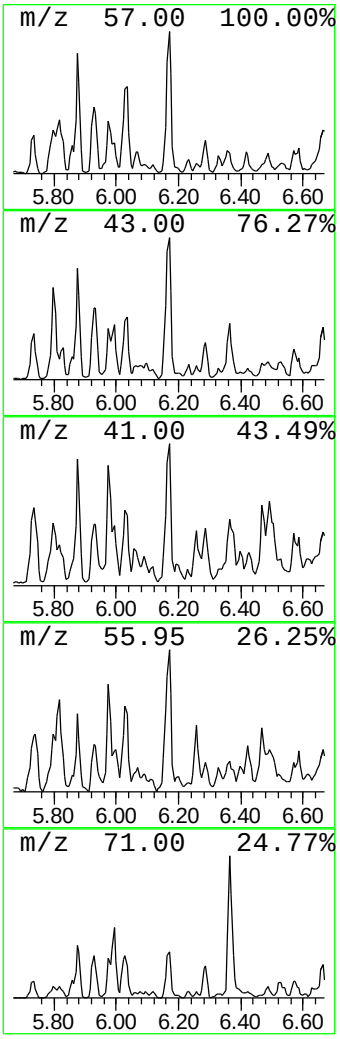
Peak Number 8 Carbonic acid, isobutyl oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	8.55 ng	330492	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	78
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
3	Decane, 5-methyl-	156	C11H24	013151-35-4	50
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47





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ClientSampleId : SB-15(6-7)-031519

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

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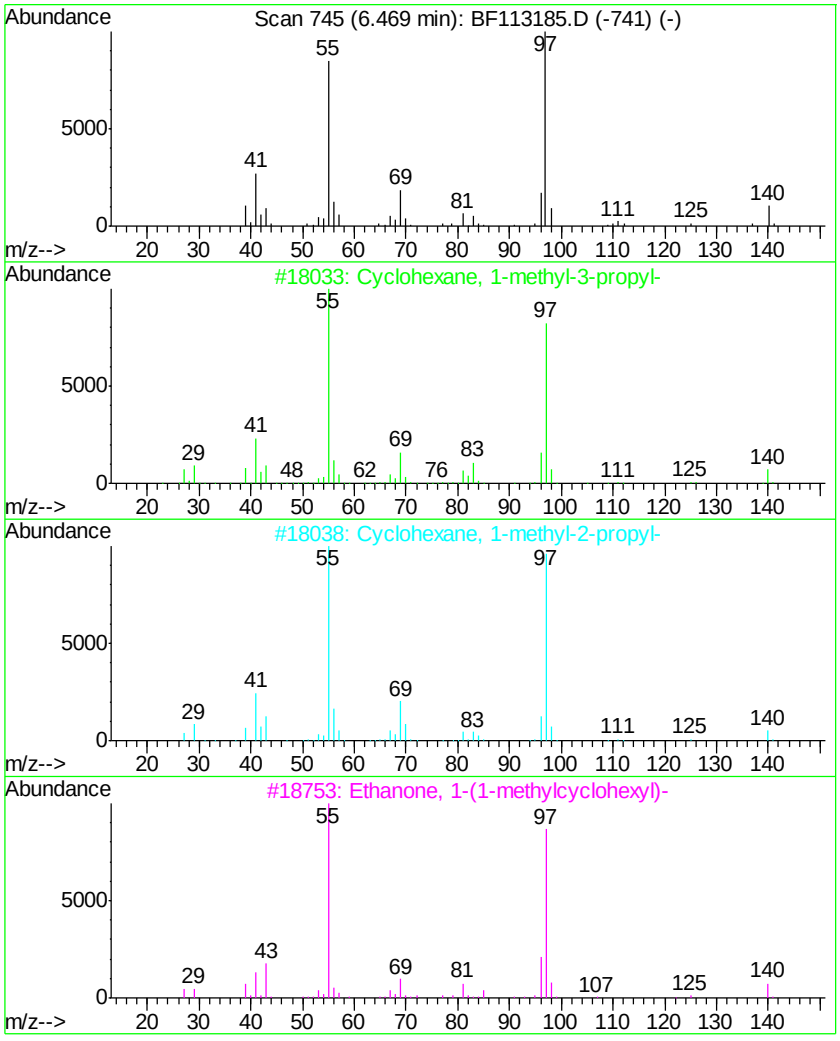
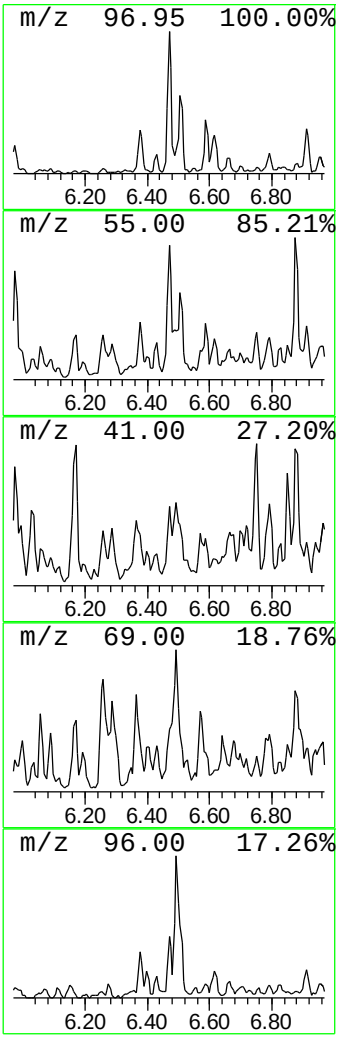
Peak Number 9 Cyclohexane, 1-methyl-3-pro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	4.70 ng	181540	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	91
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	87
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





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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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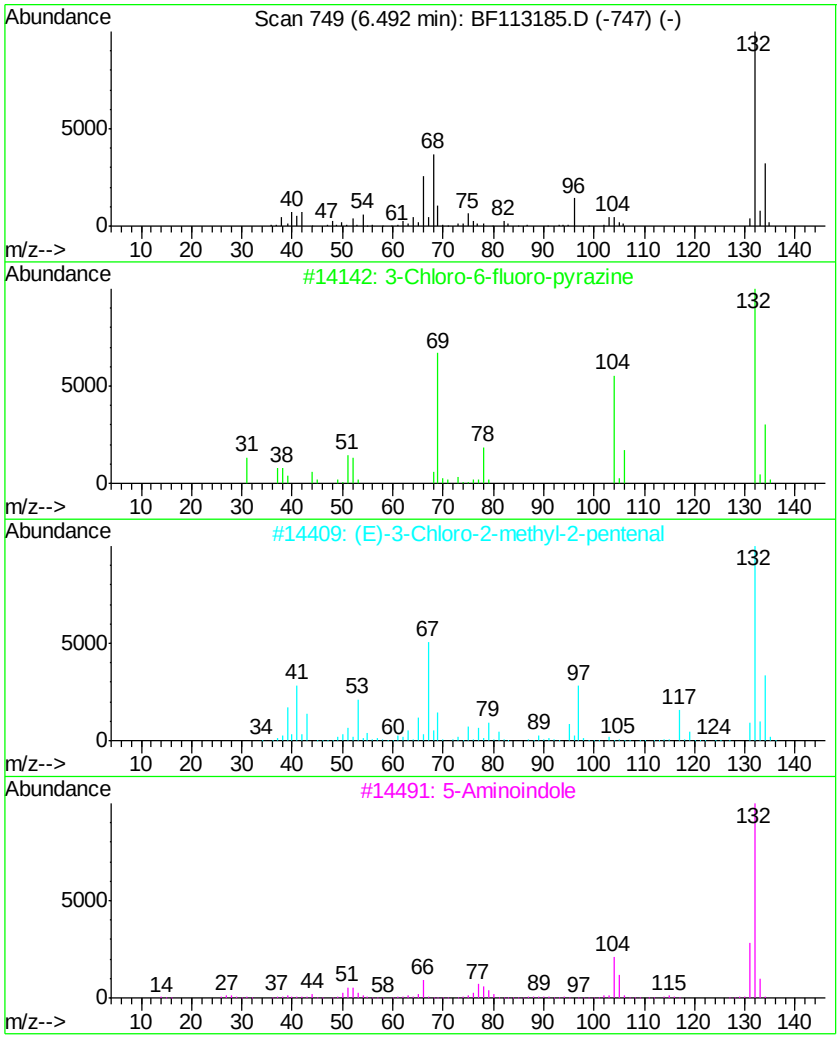
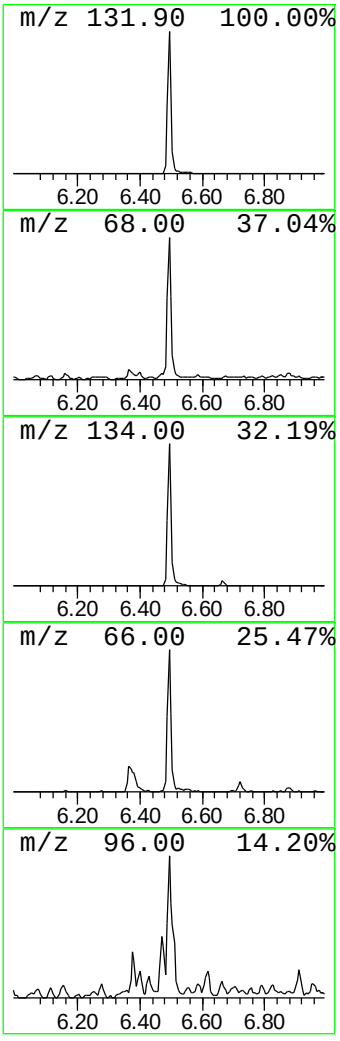
Peak Number 10 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	11.22 ng	433769	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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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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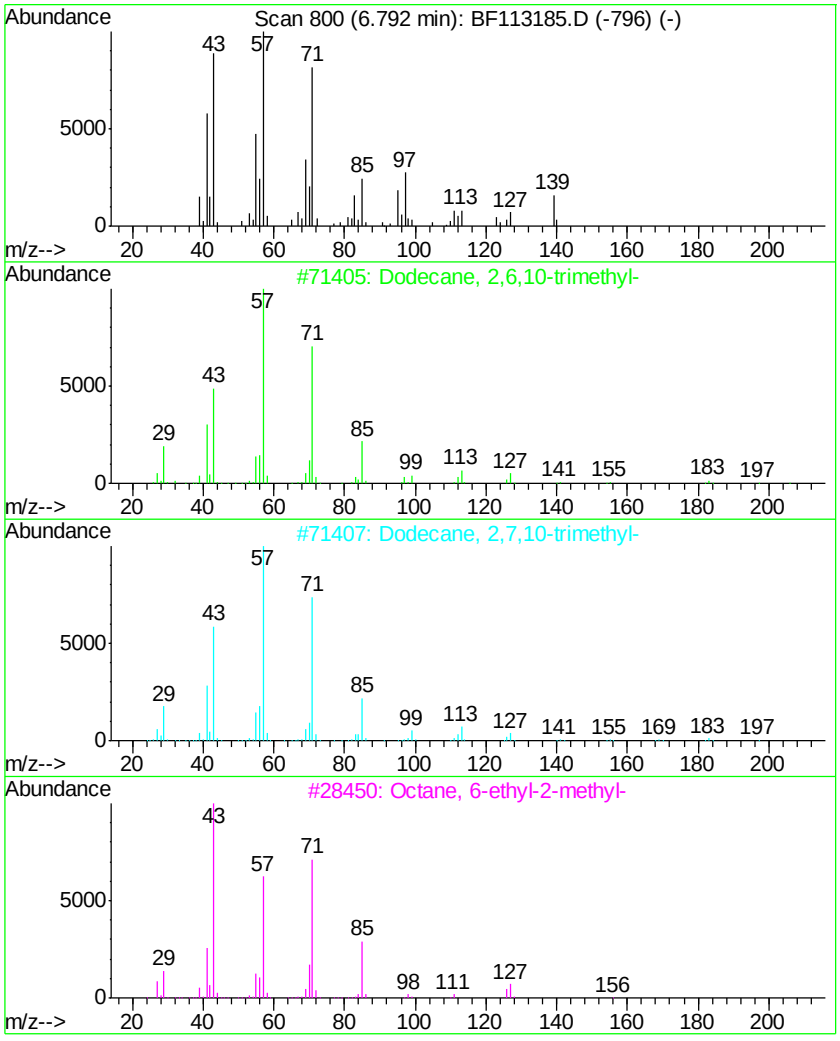
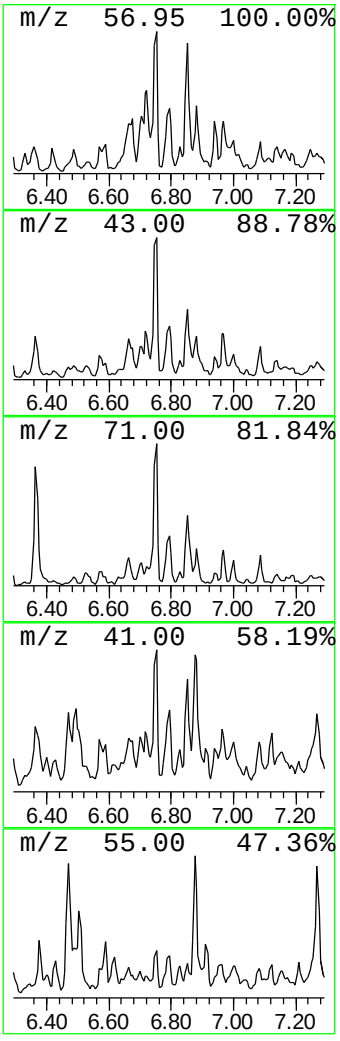
Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.18 ng	161600	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	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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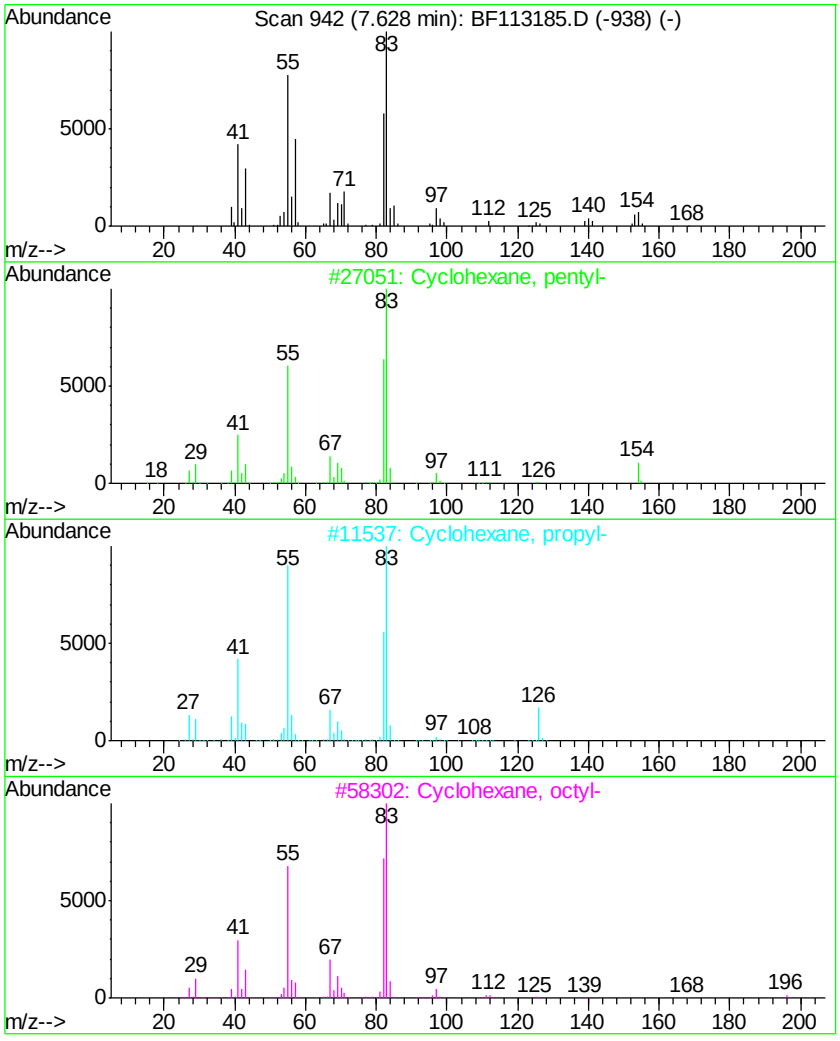
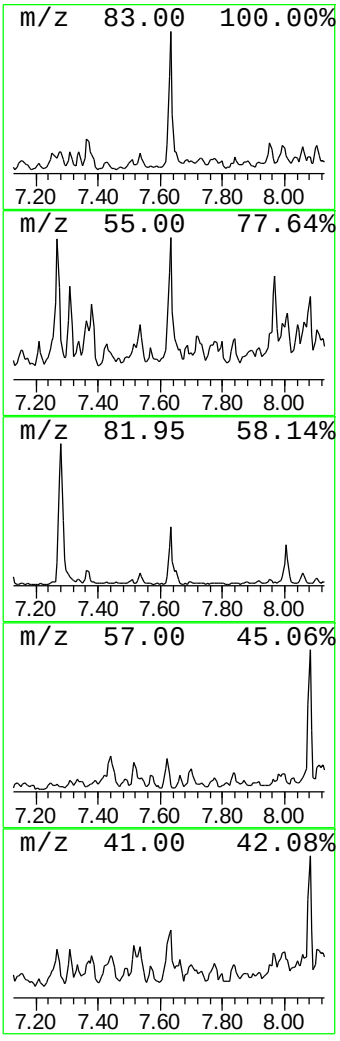
Peak Number 13 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	4.42 ng	237872	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	97
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80





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

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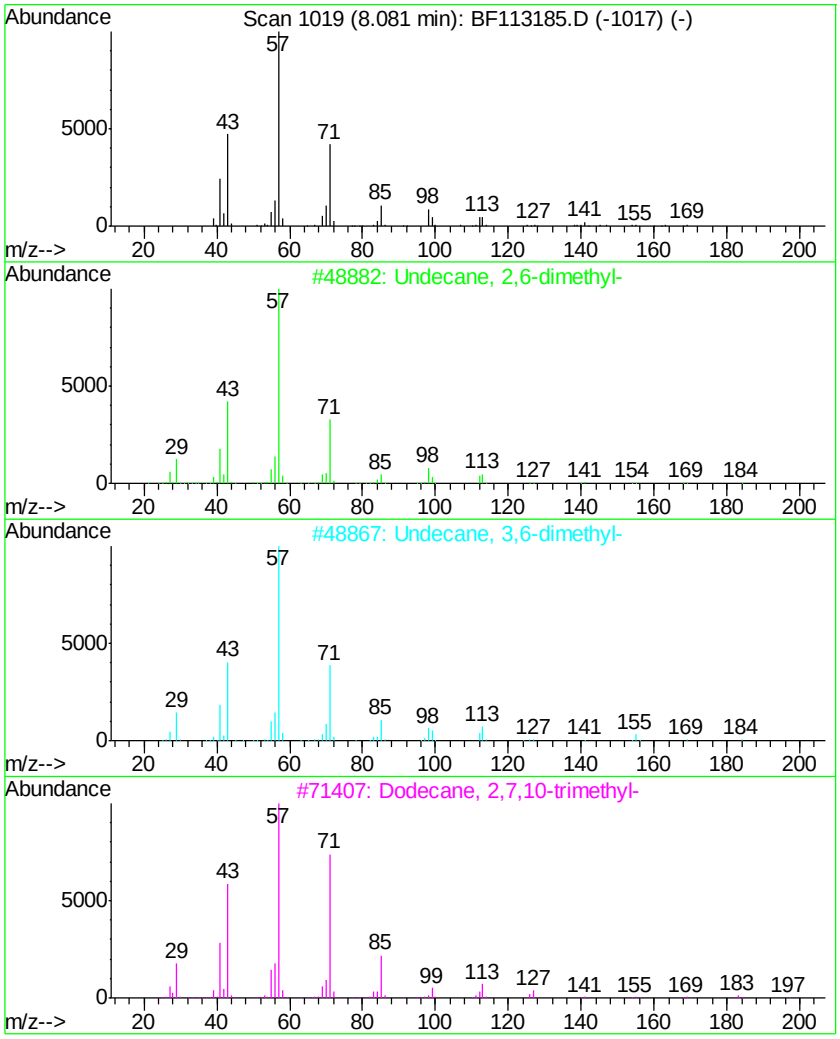
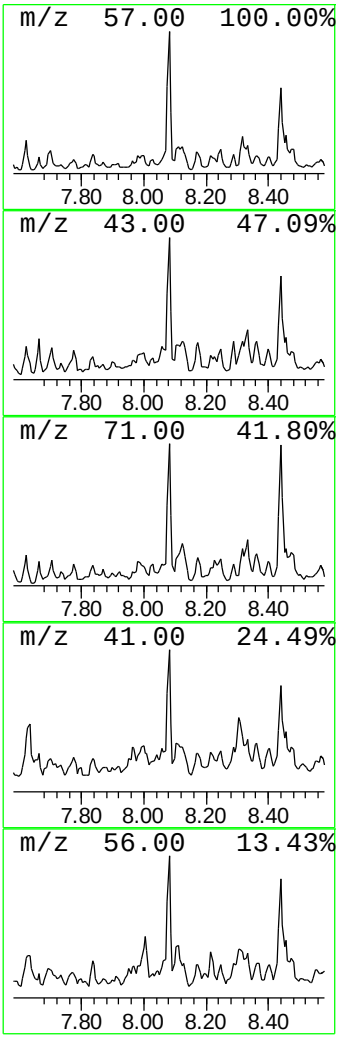
Peak Number 14 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	5.78 ng	310856	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72





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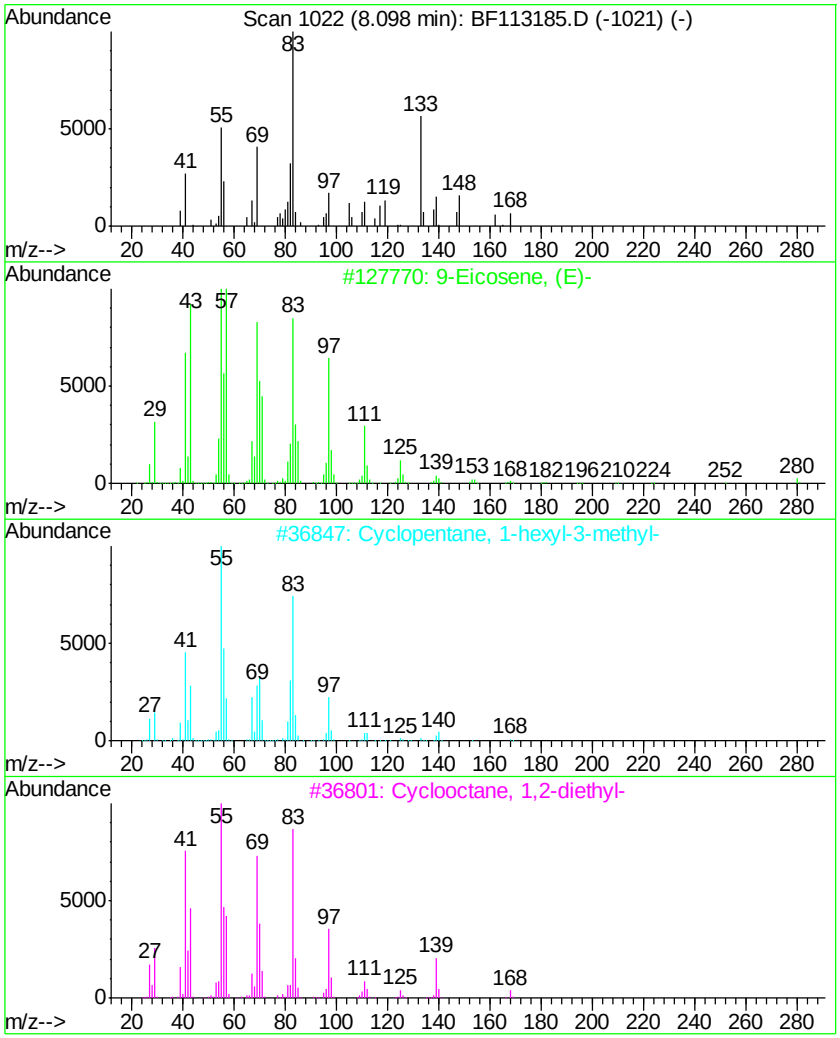
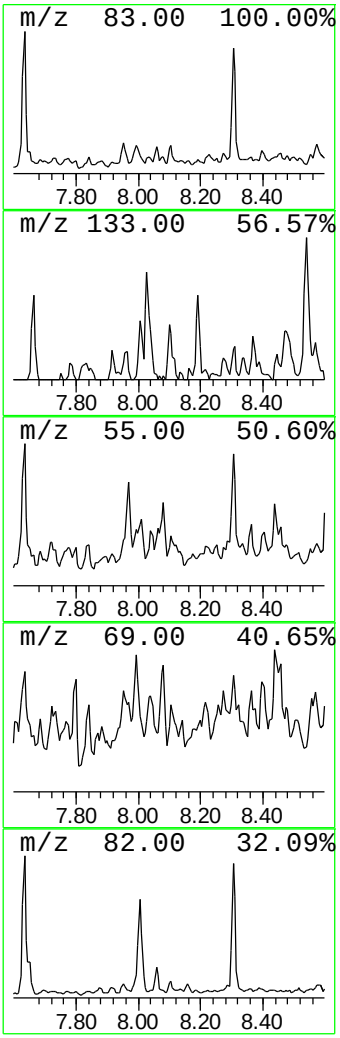
Peak Number 15 9-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	4.95 ng	266414	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	50
2	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	43
3	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	43
4	Cetene	224	C16H32	000629-73-2	40
5	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	35





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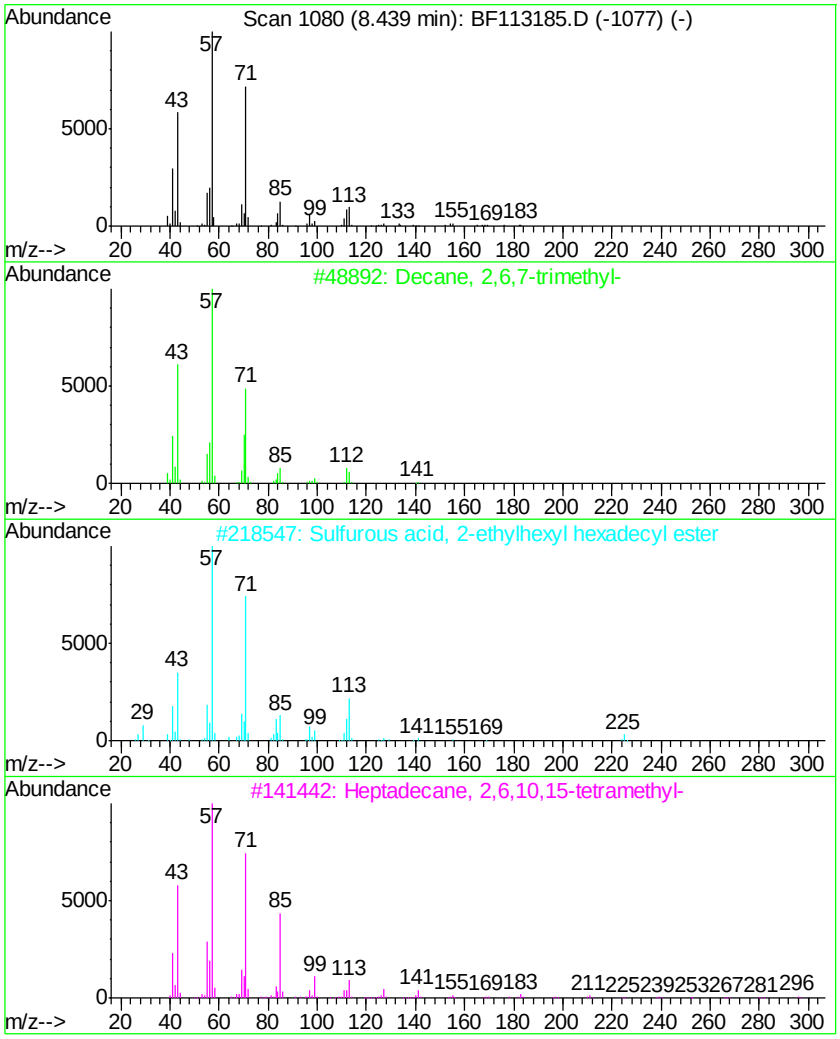
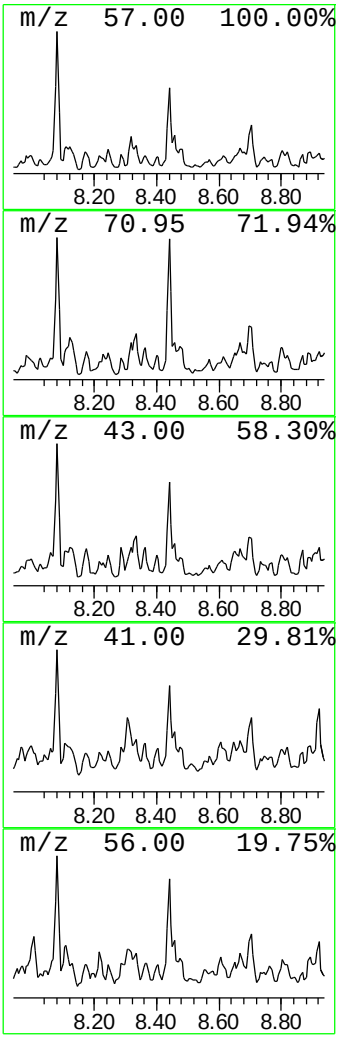
Peak Number 16 Decane, 2,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	6.20 ng	333473	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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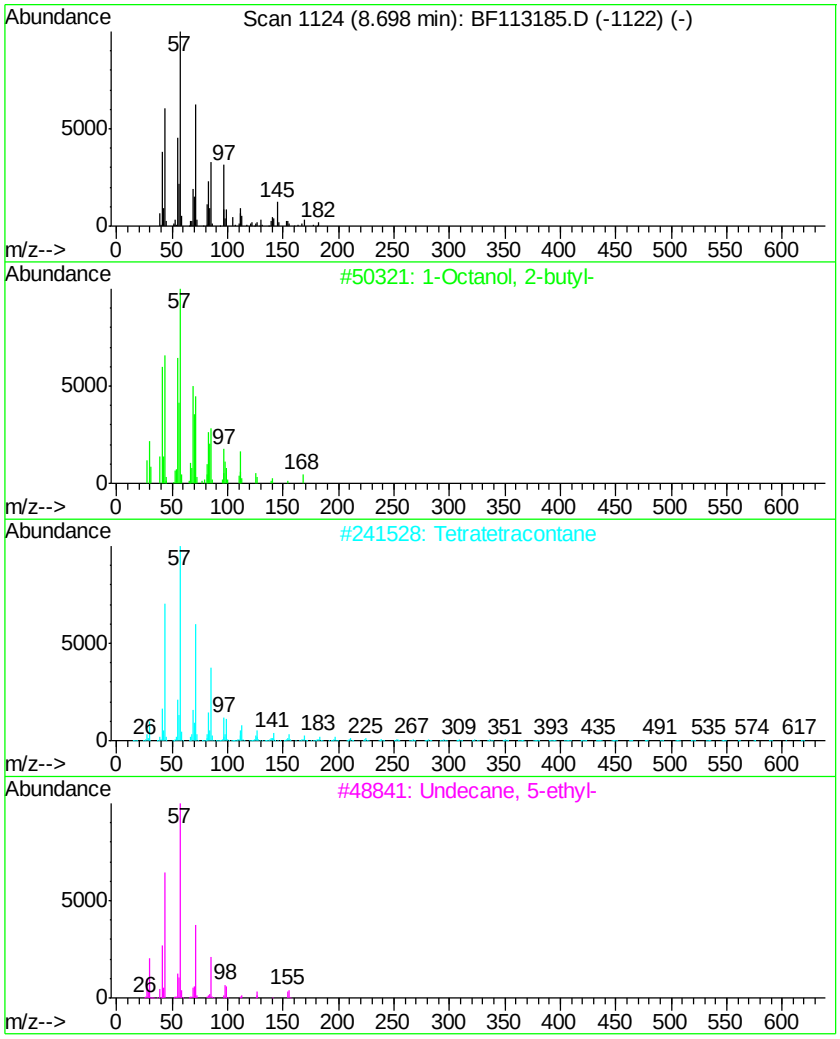
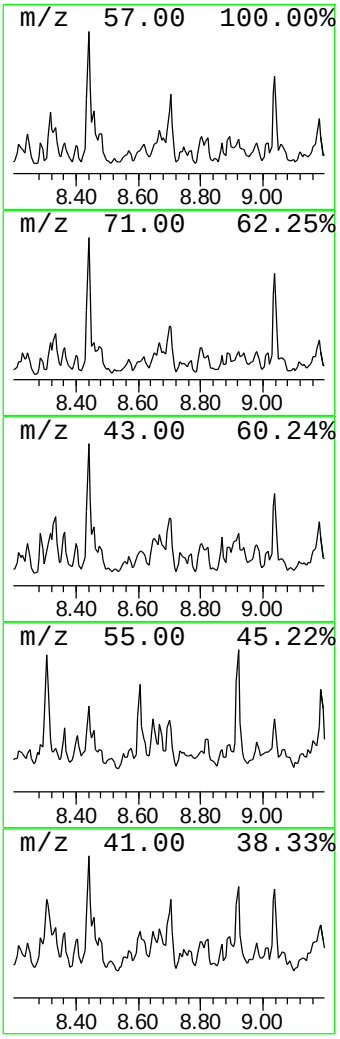
Peak Number 17 1-Octanol, 2-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	4.26 ng	229198	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2	Tetratetracontane	619	C44H90	007098-22-8	53
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47





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Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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

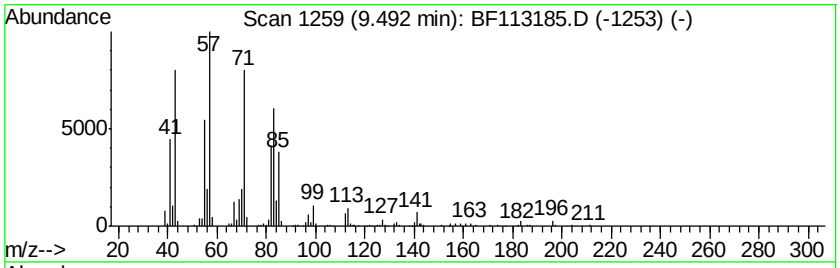
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

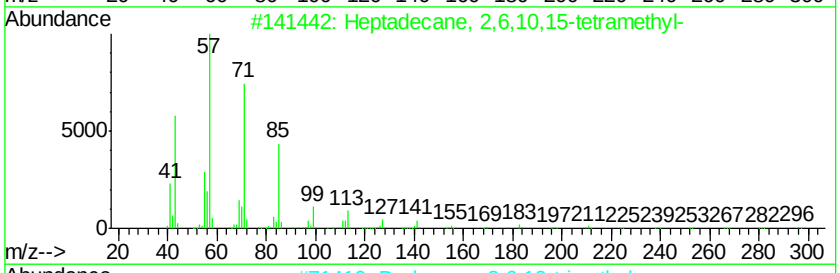
****

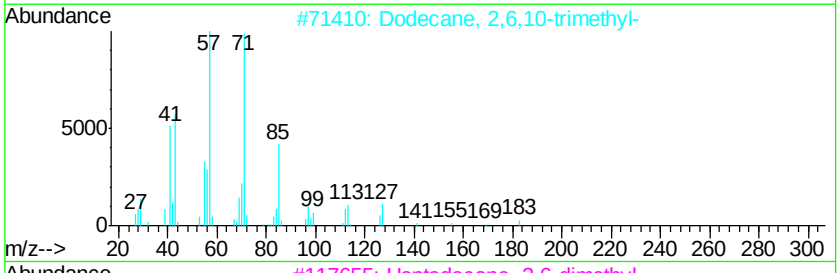
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

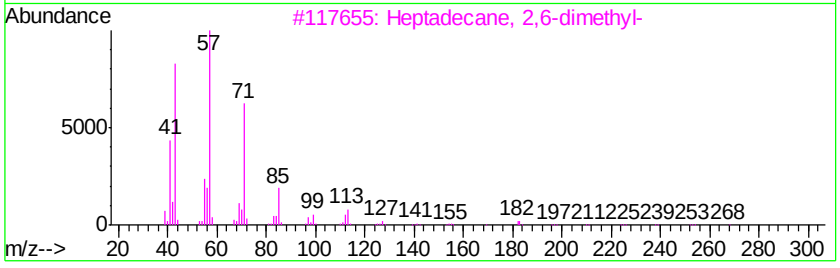
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	7.13 ng	389752	Acenaphthene-d10	9.76

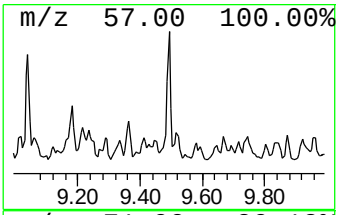
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	46
4	Hexadecane	226	C16H34	000544-76-3	43
5	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43

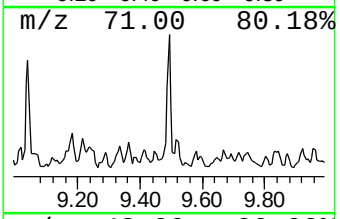


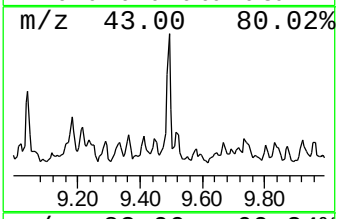


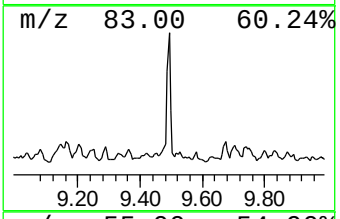


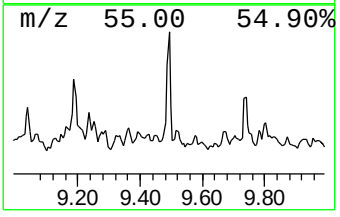












Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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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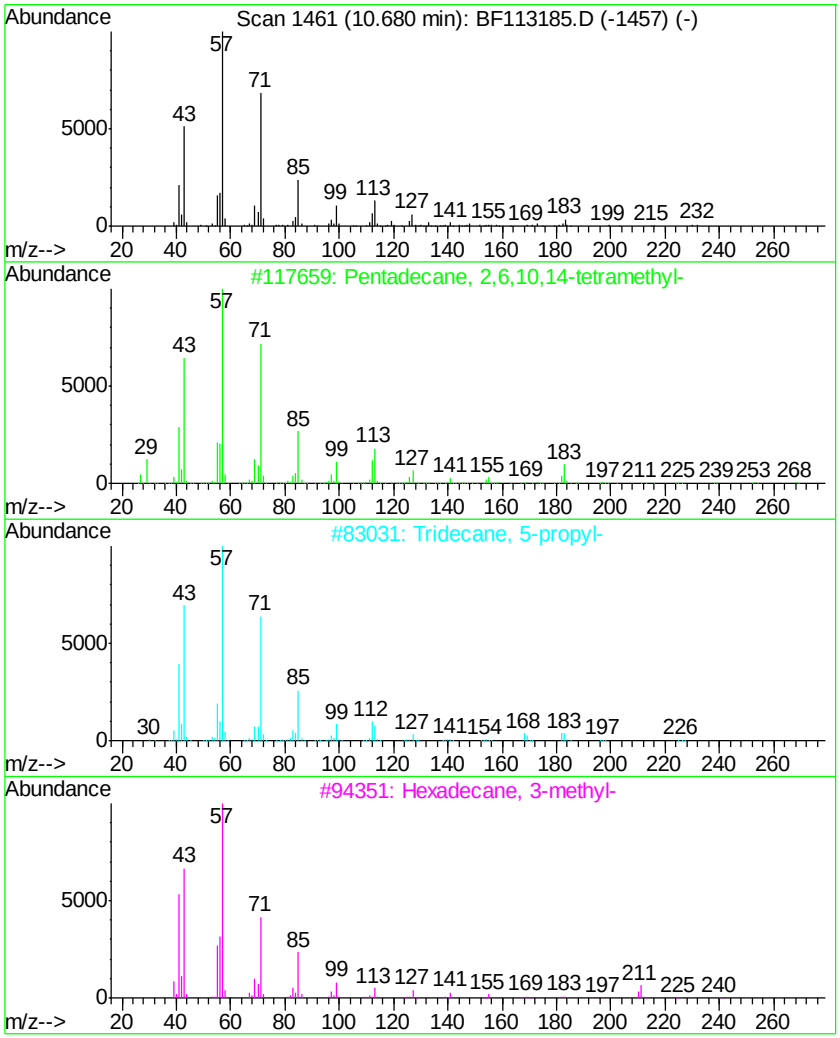
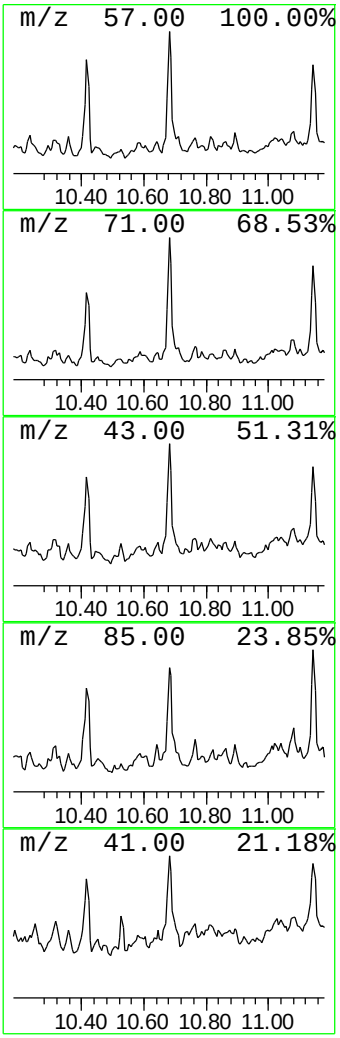
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	5.49 ng	275681	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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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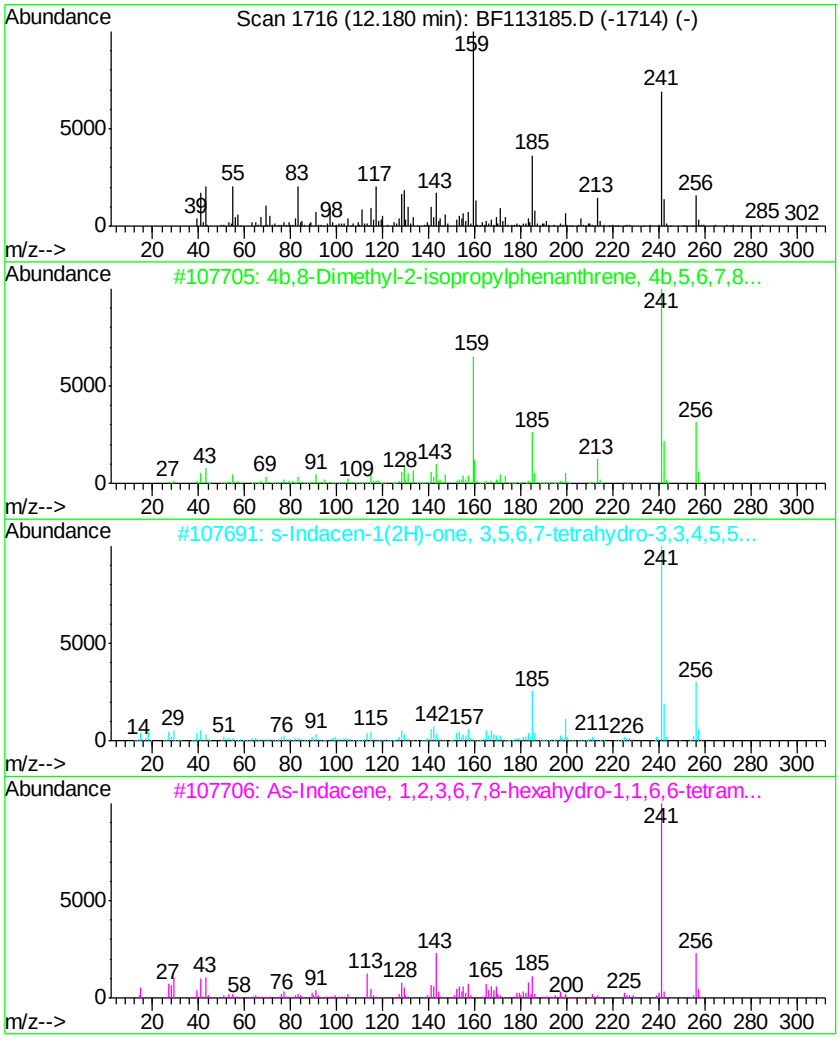
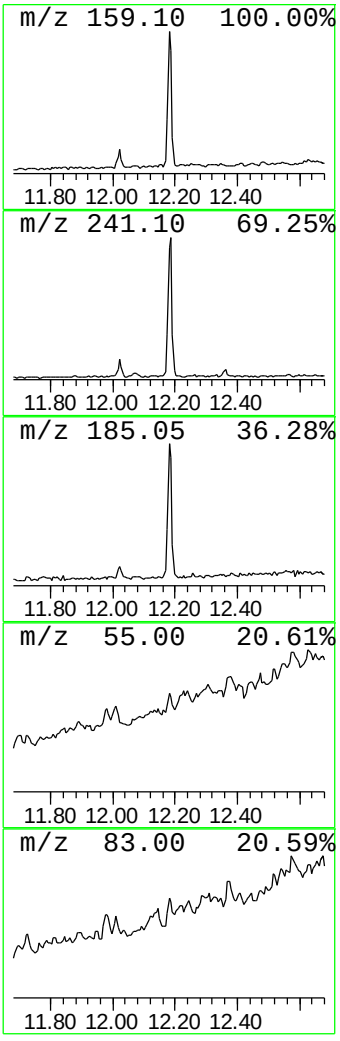
Peak Number 20 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.15 ng	258671	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	55
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	41
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113185.D
Acq On : 20 Mar 2019 21:56
Operator : JU/SJ
Sample : K1971-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15(6-7)-031519

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
Heptane, 2,5-dime...	4.83	4.1	ng	159268	1	6.72	773153	20.0
Cyclohexane, 1,2,...	5.12	4.8	ng	184992	1	6.72	773153	20.0
unknown5.73	5.73	6.6	ng	253754	1	6.72	773153	20.0
Hexane, 2,3,3-tri...	5.80	4.7	ng	181305	1	6.72	773153	20.0
unknown5.87	5.87	7.0	ng	268680	1	6.72	773153	20.0
Undecane, 3,6-dim...	5.93	4.8	ng	183976	1	6.72	773153	20.0
Cyclohexane, propyl-	5.97	7.5	ng	290889	1	6.72	773153	20.0
Carbonic acid, is...	6.17	8.6	ng	330492	1	6.72	773153	20.0
Cyclohexane, 1-me...	6.47	4.7	ng	181540	1	6.72	773153	20.0
unknown6.49	6.49	11.2	ng	433769	1	6.72	773153	20.0
Dodecane, 2,6,10-...	6.79	4.2	ng	161600	1	6.72	773153	20.0
Cyclohexane, pentyl-	7.63	4.4	ng	237872	2	8.00	1075440	20.0
Undecane, 2,6-dim...	8.08	5.8	ng	310856	2	8.00	1075440	20.0
9-Eicosene, (E)-	8.10	5.0	ng	266414	2	8.00	1075440	20.0
Decane, 2,6,7-tri...	8.44	6.2	ng	333473	2	8.00	1075440	20.0
1-Octanol, 2-butyl-	8.70	4.3	ng	229198	2	8.00	1075440	20.0
Heptadecane, 2,6,...	9.49	7.1	ng	389752	3	9.76	1093310	20.0
Pentadecane, 2,6,...	10.68	5.5	ng	275681	4	11.23	1004420	20.0
4b,8-Dimethyl-2-i...	12.18	5.2	ng	258671	4	11.23	1004420	20.0