LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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-BF082720.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	2.146	3	10	16	rVB	3564197	4753712	71.46%	4.977%
2	5.051	497	504	511	rVB	190637	205069	3.08%	0.215%
3	5.457	564	573	578	rBV	482091	501538	7.54%	0.525%
4	6.287	708	714	717	rBV2	88954	121124	1.82%	0.127%
5	6.381	726	730	736	rBV4	112811	191519	2.88%	0.201%
6	6.457	739	743	748	rVV2	352633	408824	6.15%	0.428%
7	6.592	761	766	769	rBV3	84690	141051	2.12%	0.148%
8	6.669	776	779	781	rBV	181167	172159	2.59%	0.180%
9	6.769	792	796	801	rBV6	61436	120025	1.80%	0.126%
10	6.845	805	809	815	rVB	3712127	3471617	52.18%	3.635%
11	6.904	815	819	822	rBV3	187312	220214	3.31%	0.231%
12	6.939	822	825	827	rBV2	118335	126742	1.91%	0.133%
13	6.992	831	834	838	rVB	355670	295491	4.44%	0.309%
14	7.028	838	840	842	rVB	184275	136473	2.05%	0.143%
15	7.075	845	848	850	rVB2	165406	137405	2.07%	0.144%
16	7.122	850	856	858	rBV2	437414	505161	7.59%	0.529%
17	7.151	858	861	864	rVB2	336637	289950	4.36%	0.304%
18	7.186	864	867	870	rBV2	489330	525182	7.89%	0.550%
19	7.239	870	876	879	rBV2	671154	868314	13.05%	0.909%
20	7.275	879	882	888	rVB6	161687	251599	3.78%	0.263%
21	7.322	888	890	894	rBV2	153018	157071	2.36%	0.164%
22	7.404	894	904	906	rBV	3648629	4566791	68.65%	4.782%
23	7.422	906	907	909	rVV	326470	254055	3.82%	0.266%
24	7.439	909	910	914	rVB3	315444	292511	4.40%	0.306%
25	7.492	914	919	922	rVB4	588926	994128	14.94%	1.041%
26	7.551	922	929	932	rBV2	536286	1105432	16.62%	1.157%
27	7.628	939	942	944	rBV	767687	673215	10.12%	0.705%
28	7.651	944	946	949	rVB	1018524	835392	12.56%	0.875%
29	7.681	949	951	954	rVB	216872	152318	2.29%	0.159%
30	7.728	955	959	960	rBV3	345110	392237	5.90%	0.411%
31	7.745	960	962	964	rVV	576293	524332	7.88%	0.549%
32	7.769	964	966	969	rVB3	925084	749070	11.26%	0.784%
33	7.810	969	973	976	rBV2	889402	1206433	18.13%	1.263%
34	7.845	976	979	981	rVB2	823450	745159	11.20%	0.780%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.881	981	985	988	rBV	1319133	1376430	20.69%	1.441%
36	7.922	988	992	994	rBV2	1003803	858671	12.91%	0.899%
37	7.951	994	997	1002	rVB3	249840	314454	4.73%	0.329%
38	8.010	1002	1007	1009	rBV2	237786	353822	5.32%	0.370%
39	8.034	1009	1011	1014	rVB3	248227	189341	2.85%	0.198%
40	8.081	1014	1019	1022	rBV4	374833	719205	10.81%	0.753%
41	8.128	1022	1027	1030	rVB	4422417	4865063	73.13%	5.094%
42	8.192	1033	1038	1040	rVB	2619515	2673686	40.19%	2.800%
43	8.216	1040	1042	1045	rBV3	489725	597757	8.99%	0.626%
44	8.281	1050	1053	1055	rBV2	244009	288960	4.34%	0.303%
45	8.333	1058	1062	1064	rBV3	300000	315643	4.74%	0.331%
46	8.357	1064	1066	1070	rVB4	246948	321199	4.83%	0.336%
47	8.422	1070	1077	1083	rBV4	1296472	2433623	36.58%	2.548%
48	8.475	1083	1086	1088	rVB2	724973	631798	9.50%	0.662%
49	8.504	1088	1091	1095	rVB	1217106	1235906	18.58%	1.294%
50	8.551	1095	1099	1101	rBV	3033433	2950430	44.35%	3.089%
51	8.633	1111	1113	1116	rVB2	200808	157676	2.37%	0.165%
52	8.669	1116	1119	1121	rBV3	257293	322854	4.85%	0.338%
53	8.722	1124	1128	1132	rVV2	735929	990420	14.89%	1.037%
54	8.757	1132	1134	1135	rVV2	349481	335692	5.05%	0.351%
55	8.781	1136	1138	1141	rVV3	571534	681290	10.24%	0.713%
56	8.816	1141	1144	1147	rVB	1026348	1056369	15.88%	1.106%
57	8.845	1147	1149	1151	rBV3	139216	136761	2.06%	0.143%
58	8.904	1157	1159	1163	rBV3	286398	375569	5.65%	0.393%
59	9.004	1173	1176	1178	rBV	755308	815841	12.26%	0.854%
60	9.039	1180	1182	1186	rVB2	629097	871336	13.10%	0.912%
61	9.086	1186	1190	1193	rBV	977980	930824	13.99%	0.975%
62	9.128	1193	1197	1198	rBV	734838	703270	10.57%	0.736%
63	9.151	1198	1201	1204	rVB	2329518	1943073	29.21%	2.035%
64	9.204	1204	1210	1213	rVB	6457986	6652653	100.00%	6.966%
65	9.245	1213	1217	1219	rBV4	150837	170211	2.56%	0.178%
66	9.292	1220	1225	1228	rBV2	752195	1195249	17.97%	1.252%
67	9.398	1241	1243	1246	rVB3	218267	217192	3.26%	0.227%
68	9.433	1246	1249	1250	rBV2	134785	142026	2.13%	0.149%
69	9.475	1254	1256	1258	rVB	168115	133089	2.00%	0.139%
70	9.539	1264	1267	1269	rBV2	325211	303895	4.57%	0.318%
71	9.563	1269	1271	1273	rVB	322839	224342	3.37%	0.235%

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Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.604	1273	1278	1281	rBV3	1922755	3189817	47.95%	3.340%
73	9.628	1281	1282	1285	rVB	589758	313956	4.72%	0.329%
74	9.663	1285	1288	1290	rVB	411908	334142	5.02%	0.350%
75	9.692	1290	1293	1295	rBV3	186438	221215	3.33%	0.232%
76	9.751	1299	1303	1306	rBV3	237318	319987	4.81%	0.335%
77	9.792	1306	1310	1312	rBV2	359349	383799	5.77%	0.402%
78	9.880	1318	1325	1329	rVB	5048201	5307169	79.78%	5.557%
79	10.045	1350	1353	1356	rBV4	171301	237085	3.56%	0.248%
80	10.075	1356	1358	1361	rVB2	210345	185754	2.79%	0.194%
81	10.139	1366	1369	1372	rVB2	344220	365177	5.49%	0.382%
82	10.257	1385	1389	1392	rBV	1251956	1091224	16.40%	1.143%
83	10.292	1392	1395	1398	rBV2	526208	598537	9.00%	0.627%
84	10.345	1401	1404	1407	rBV4	207181	319877	4.81%	0.335%
85	10.539	1434	1437	1439	rVB	329670	313353	4.71%	0.328%
86	10.663	1455	1458	1461	rBV	800909	787626	11.84%	0.825%
87	10.804	1478	1482	1489	rBV	1036812	1372484	20.63%	1.437%
88	11.274	1559	1562	1565	rVB	1452027	1369373	20.58%	1.434%
89	11.369	1575	1578	1583	rBV	3660667	3730094	56.07%	3.906%
90	12.974	1848	1851	1853	rVB	2754035	2767015	41.59%	2.897%
91	14.027	2028	2030	2033	rVB	2345223	1887163	28.37%	1.976%
92	15.492	2274	2279	2282	rBV	2482227	2930620	44.05%	3.069%
93	16.192	2394	2398	2406	rVB2	837537	1659882	24.95%	1.738%
94	16.621	2468	2471	2484	rVB	635096	1241872	18.67%	1.300%

Sum of corrected areas: 95504154

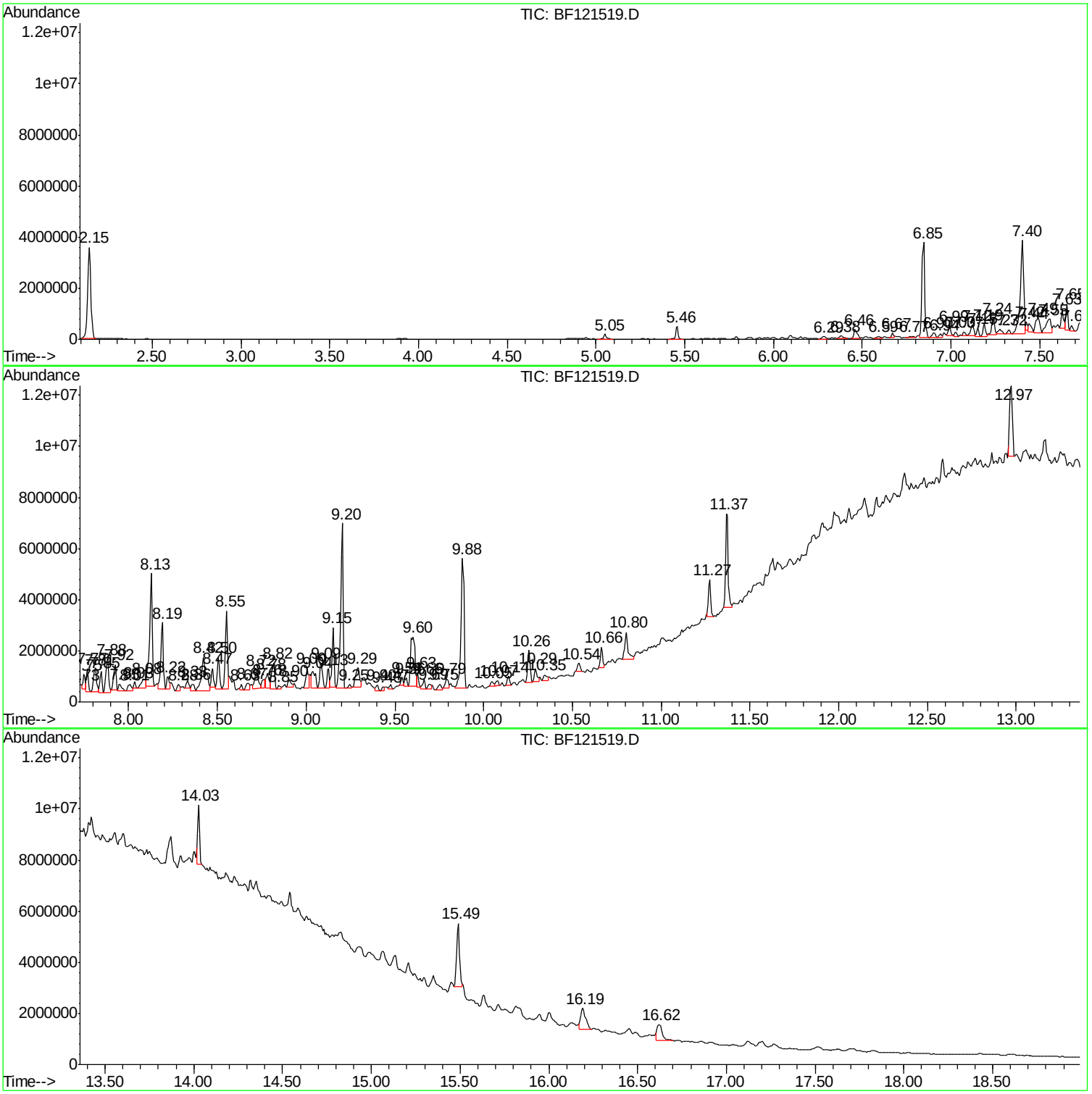
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
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Misc :
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

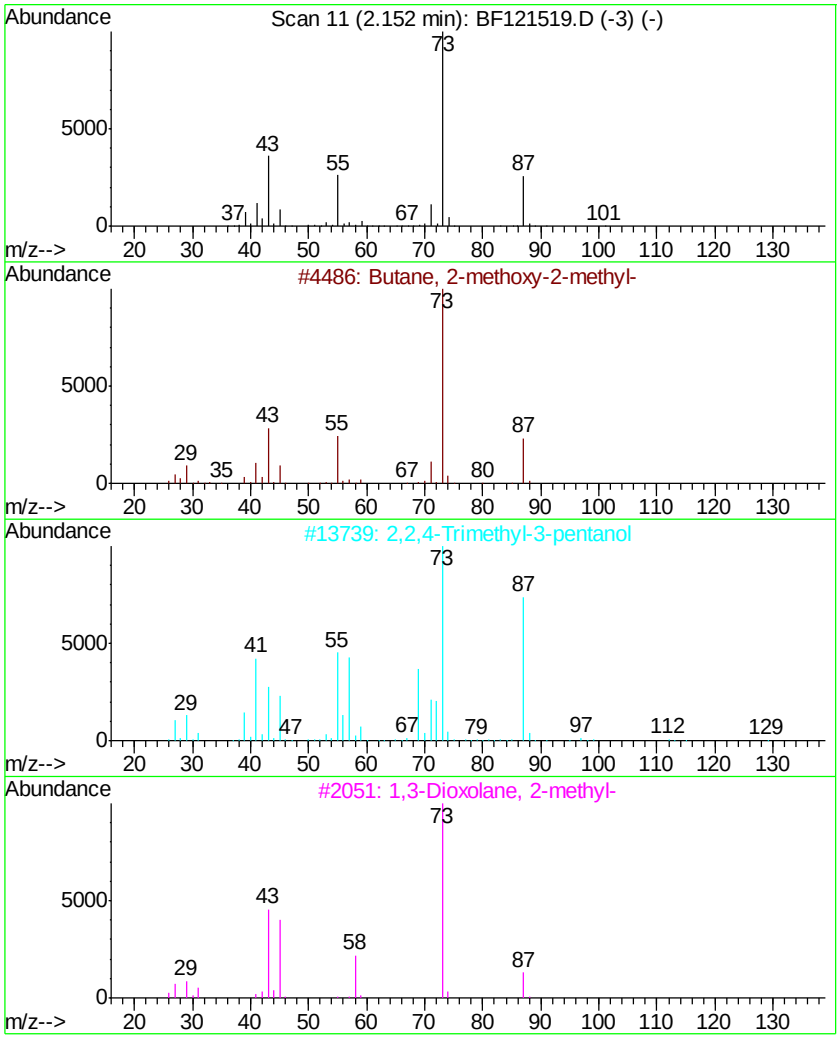
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

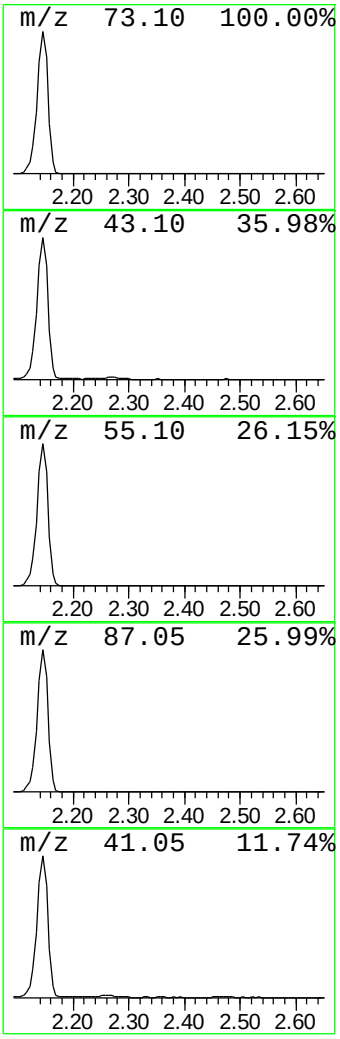
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	27.39 ng	4753710	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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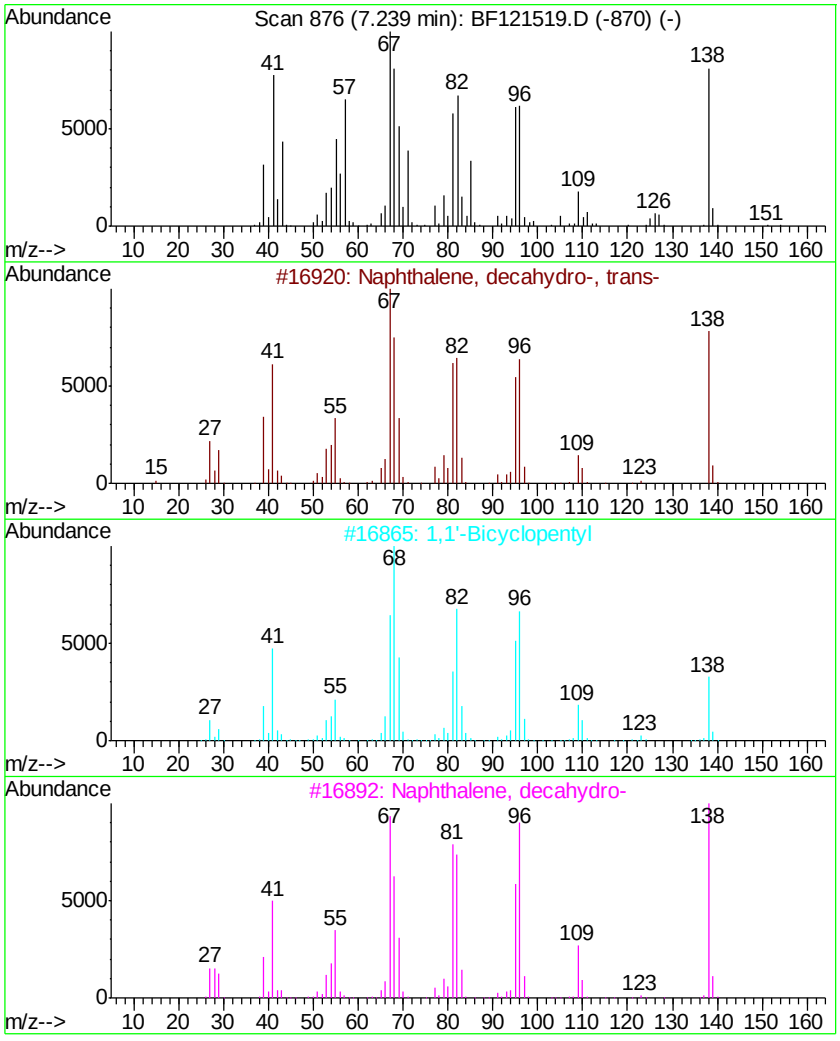
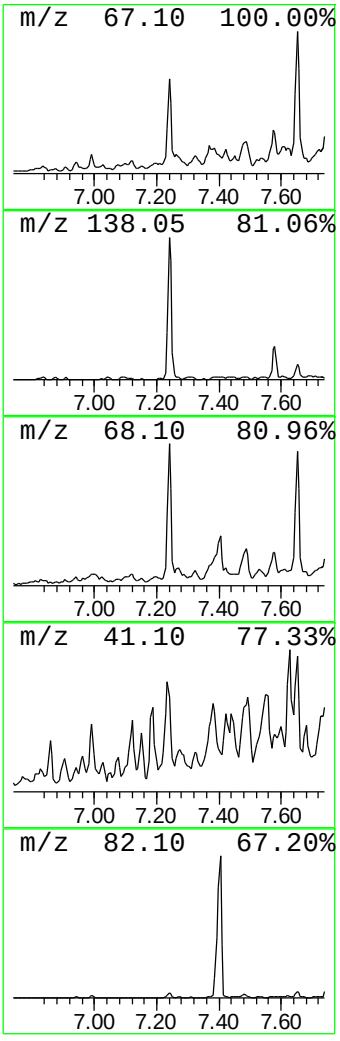
****

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	5.00 ng	868314	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	89
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
4	Cyclodecene	138	C10H18	003618-12-0	58
5	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	58





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Sample : L3858-02
Misc :
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

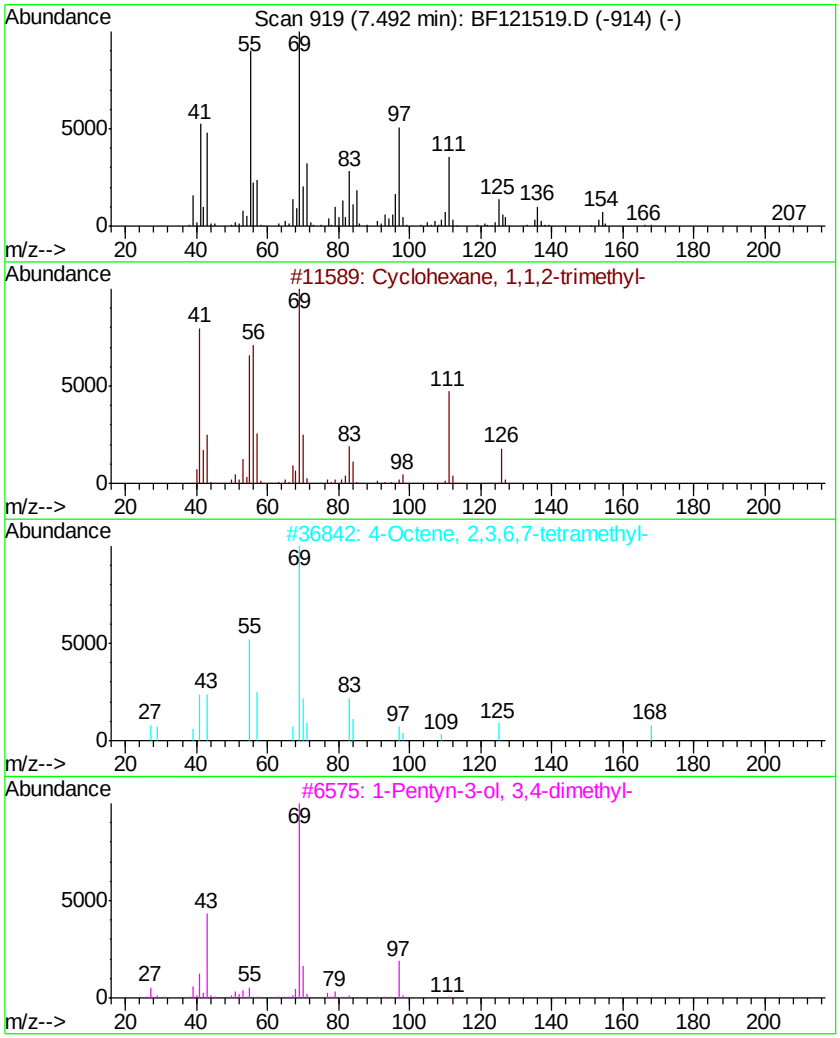
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

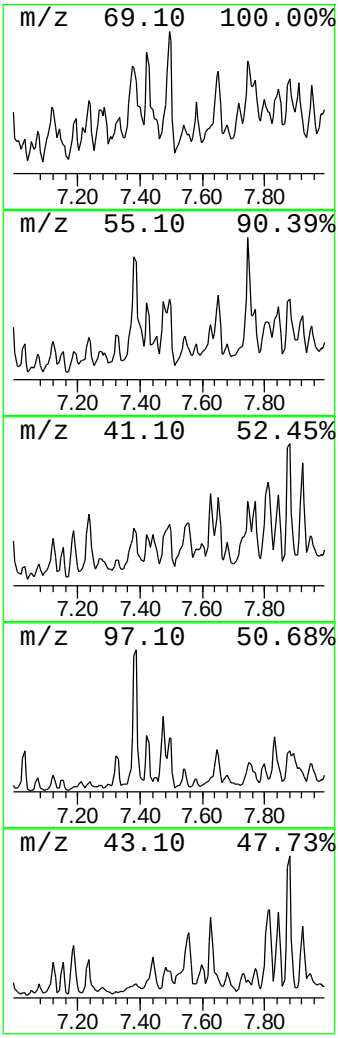
****

Peak Number 3 unknown7.49 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	4.09 ng	994128	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
2	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	43
3	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	43
4	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	43
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	38





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

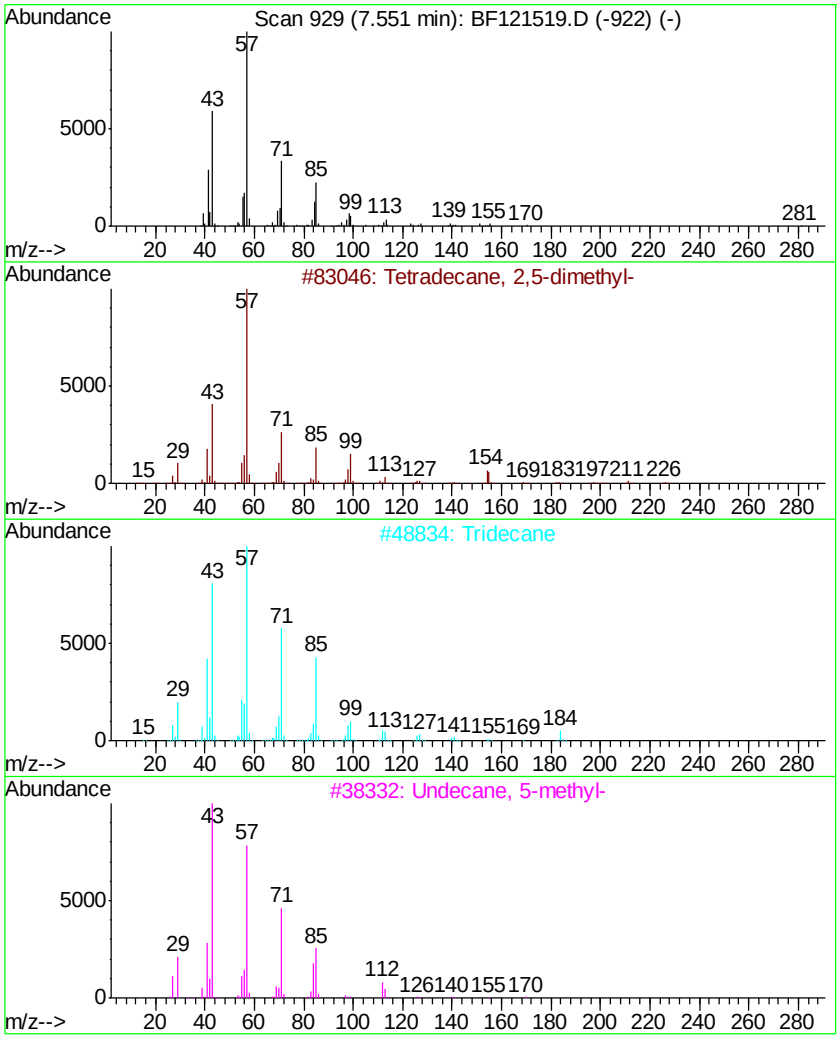
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

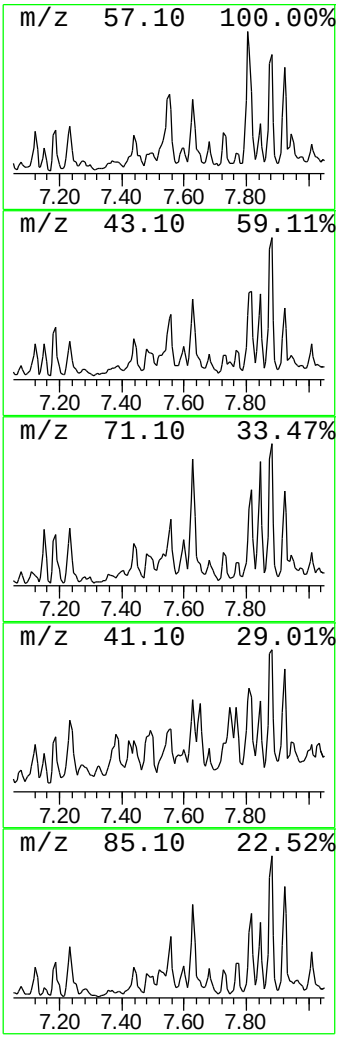
****

Peak Number 4 Tetradecane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	4.54 ng	1105430	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Undecane	156	C11H24	001120-21-4	64
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

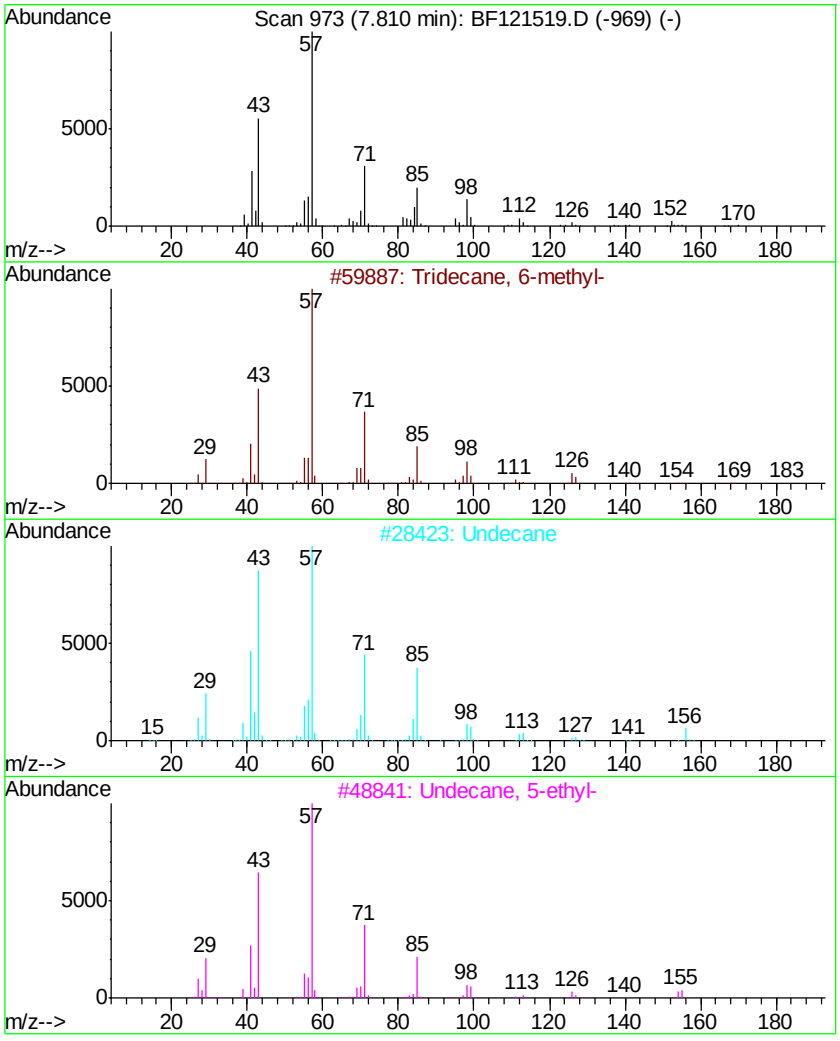
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

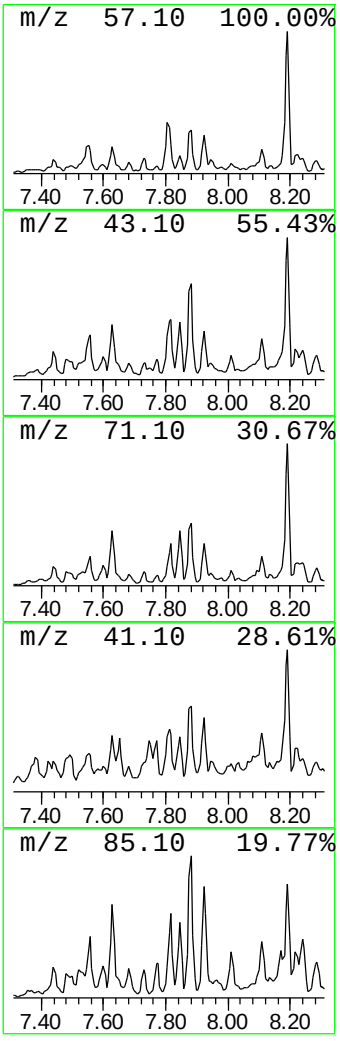
****

Peak Number 5 Tridecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	4.96 ng	1206430	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2	Undecane	156	C11H24	001120-21-4	59
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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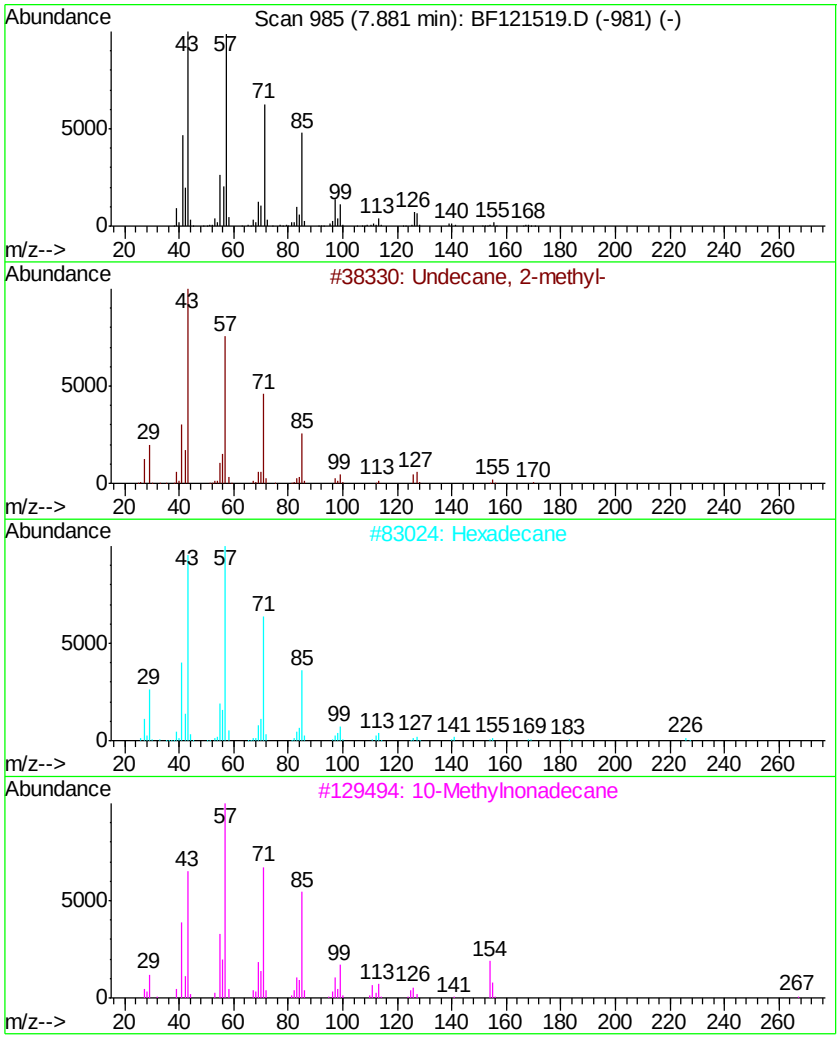
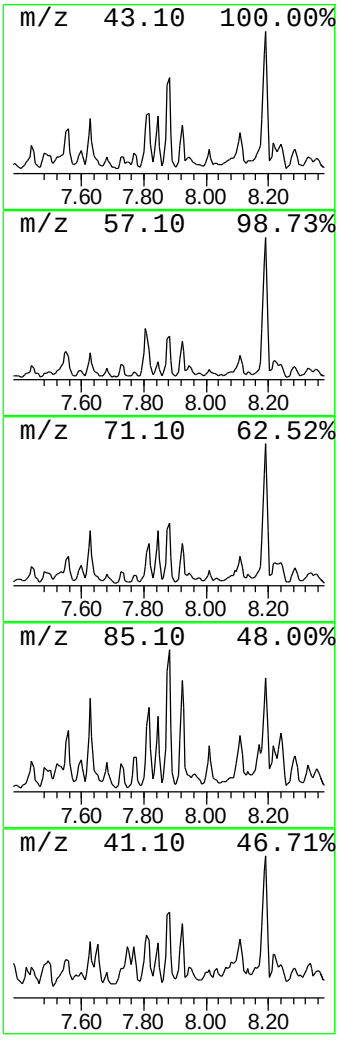
Peak Number 6 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	5.66 ng	1376430	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	10-Methylnonadecane	282	C20H42	056862-62-5	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	68
5	Hexacosane	366	C26H54	000630-01-3	64





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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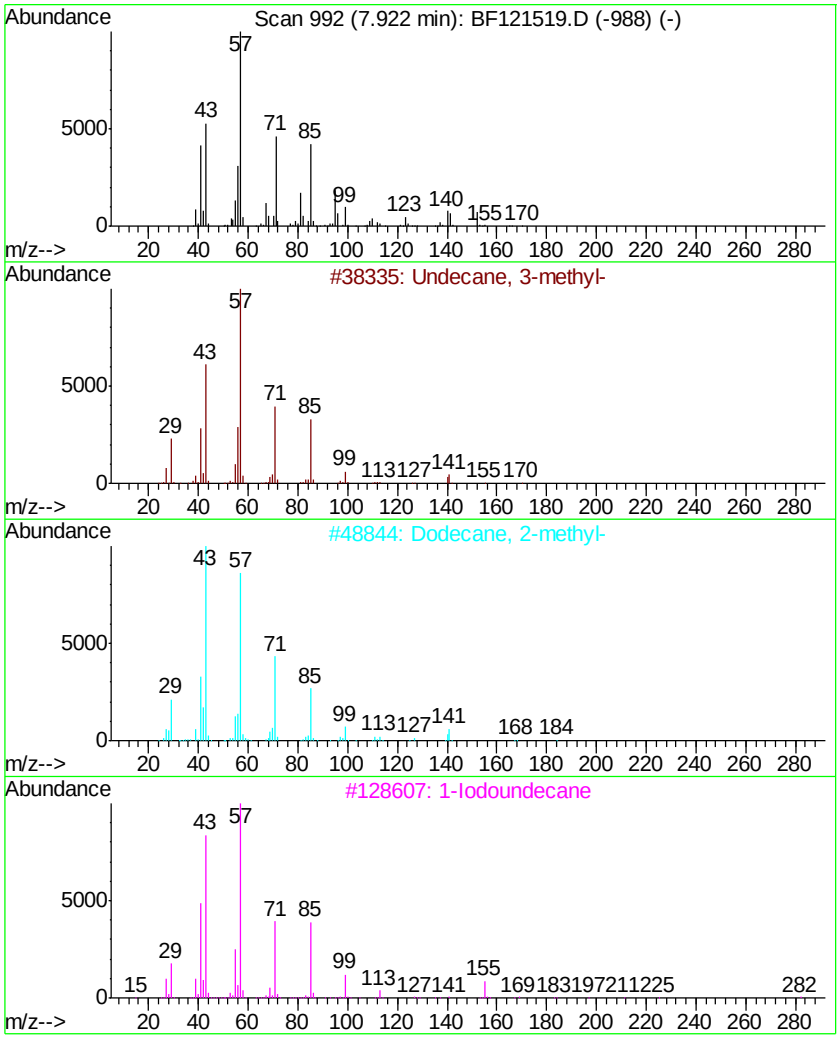
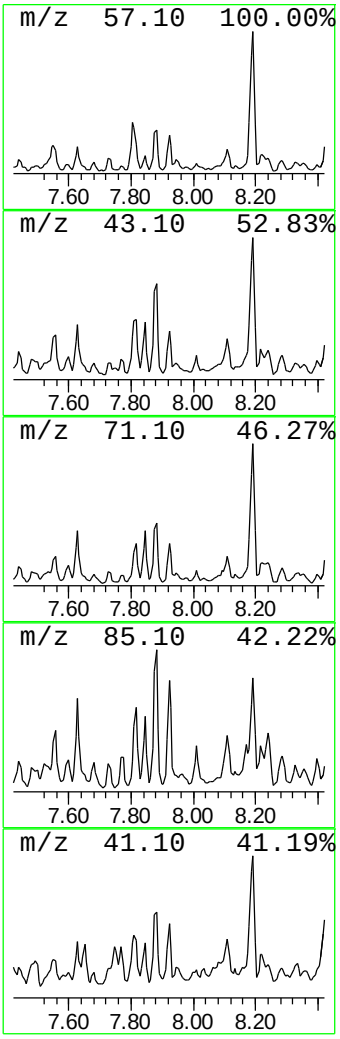
Peak Number 7 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.53 ng	858671	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3	1-Iodoundecane	282	C11H23I	004282-44-4	53
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50





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Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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

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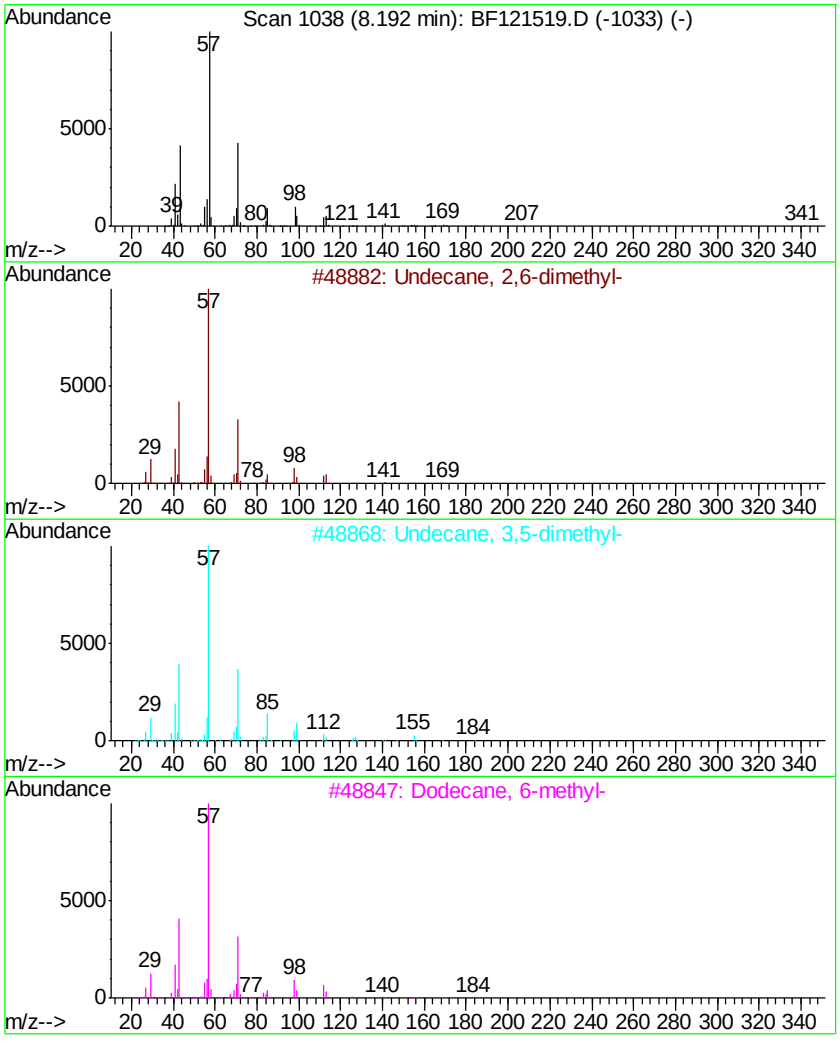
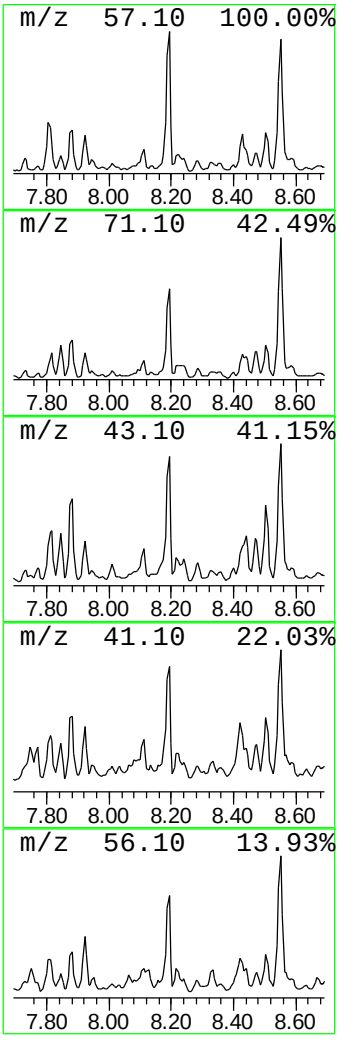
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	10.99 ng	2673690	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72





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Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
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TIC Library : C:\DATABASE\NIST11.L
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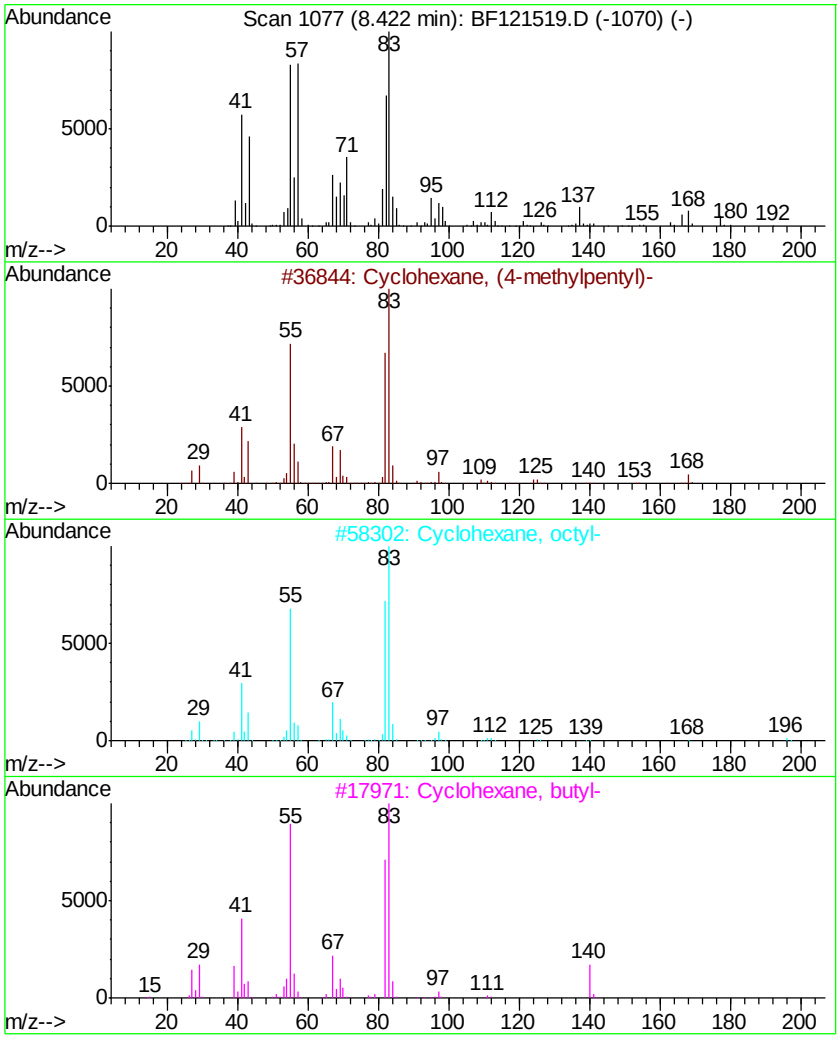
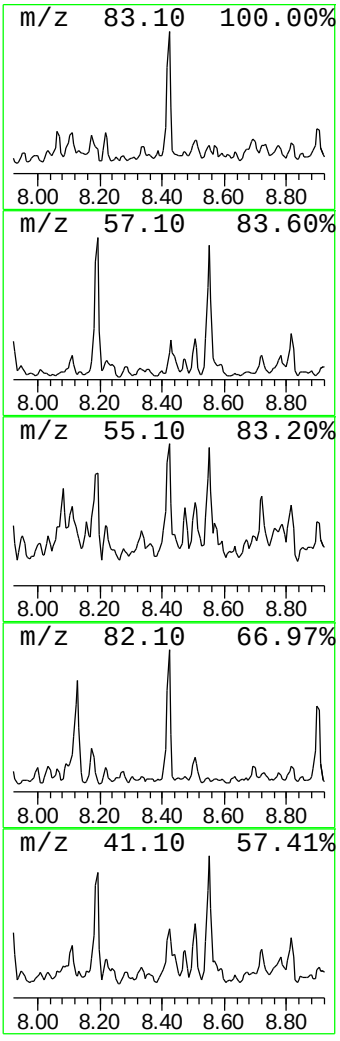
Peak Number 9 Cyclohexane, (4-methylpentyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	10.00 ng	2433620	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50





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Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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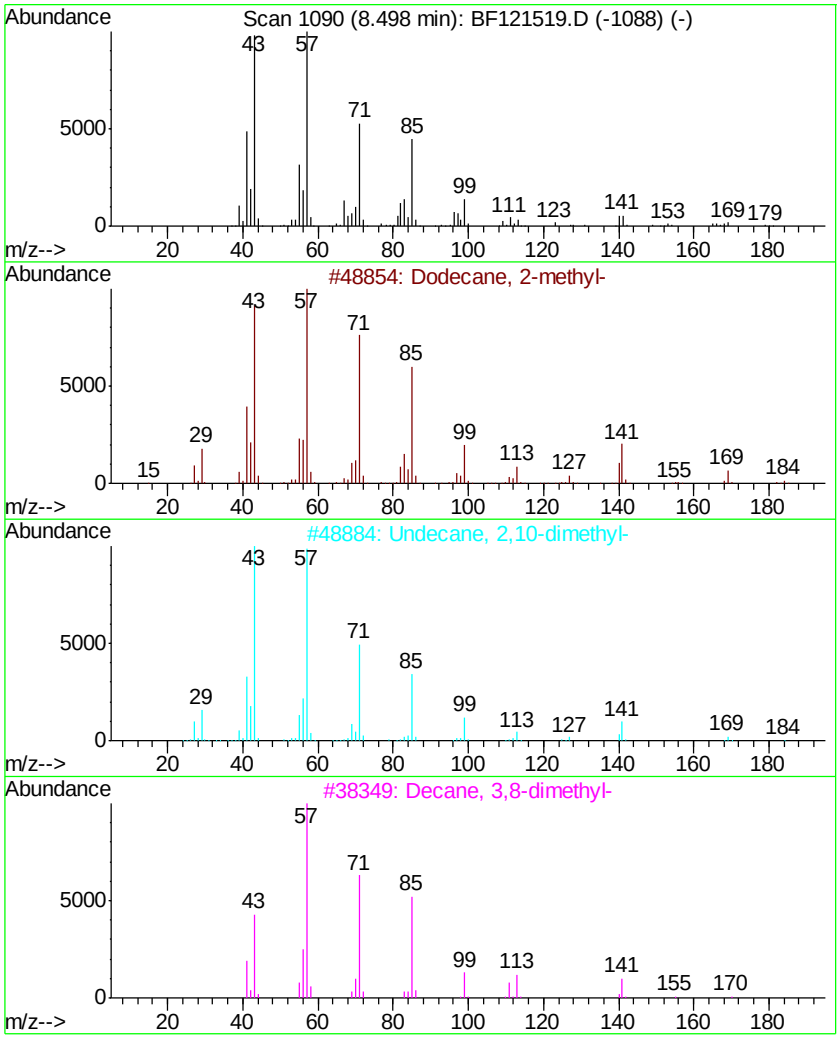
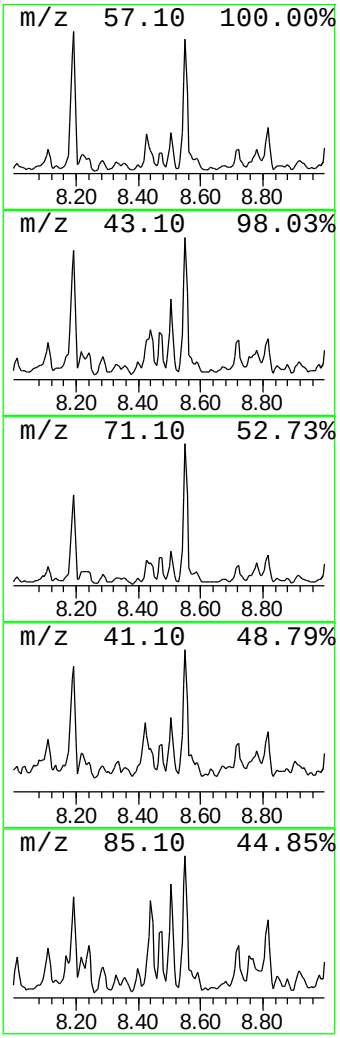
Peak Number 10 Dodecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	5.08 ng	1235910	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	95
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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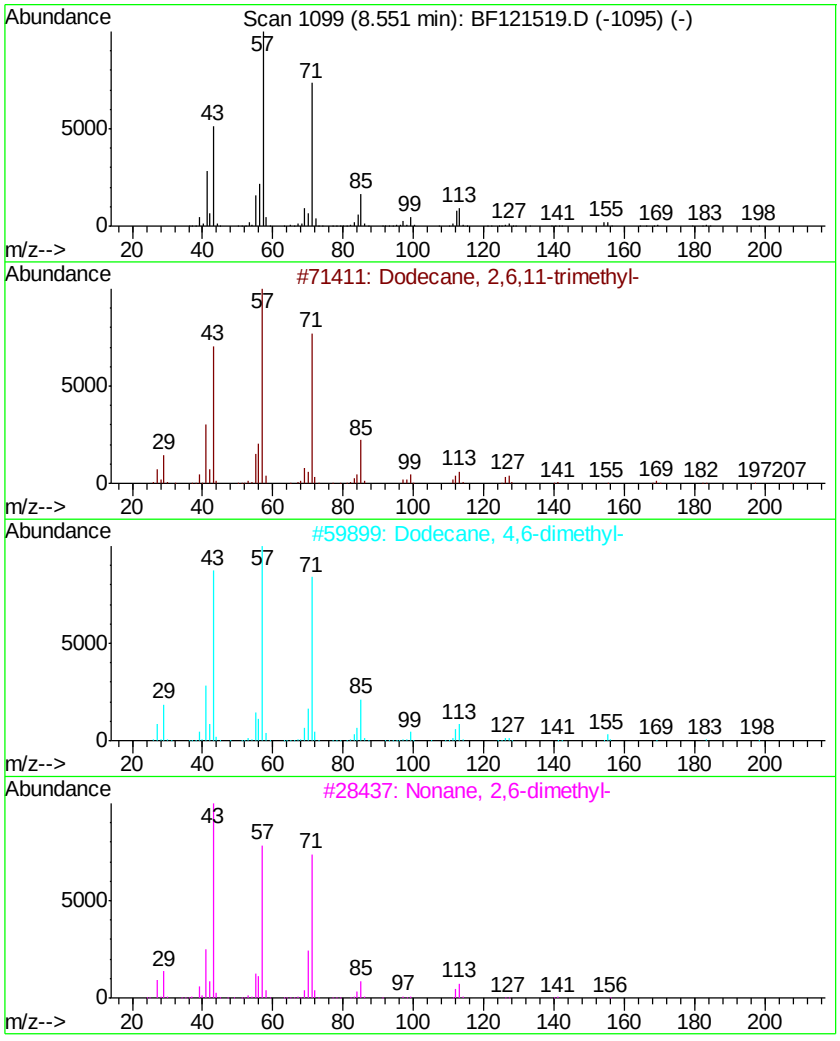
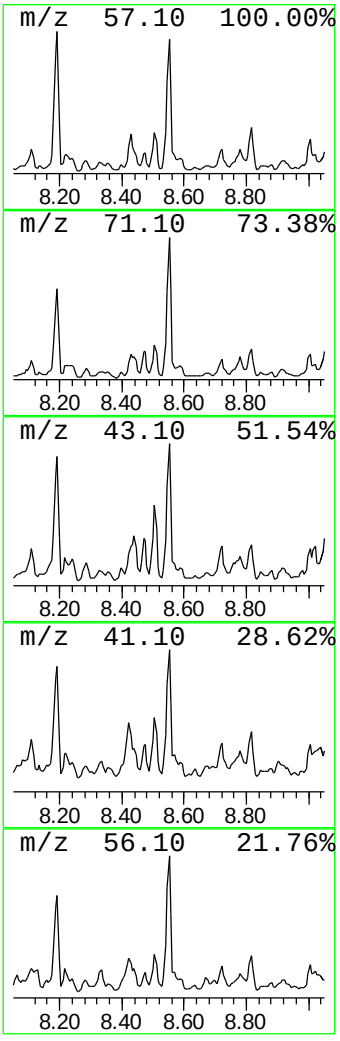
Peak Number 11 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	12.13 ng	2950430	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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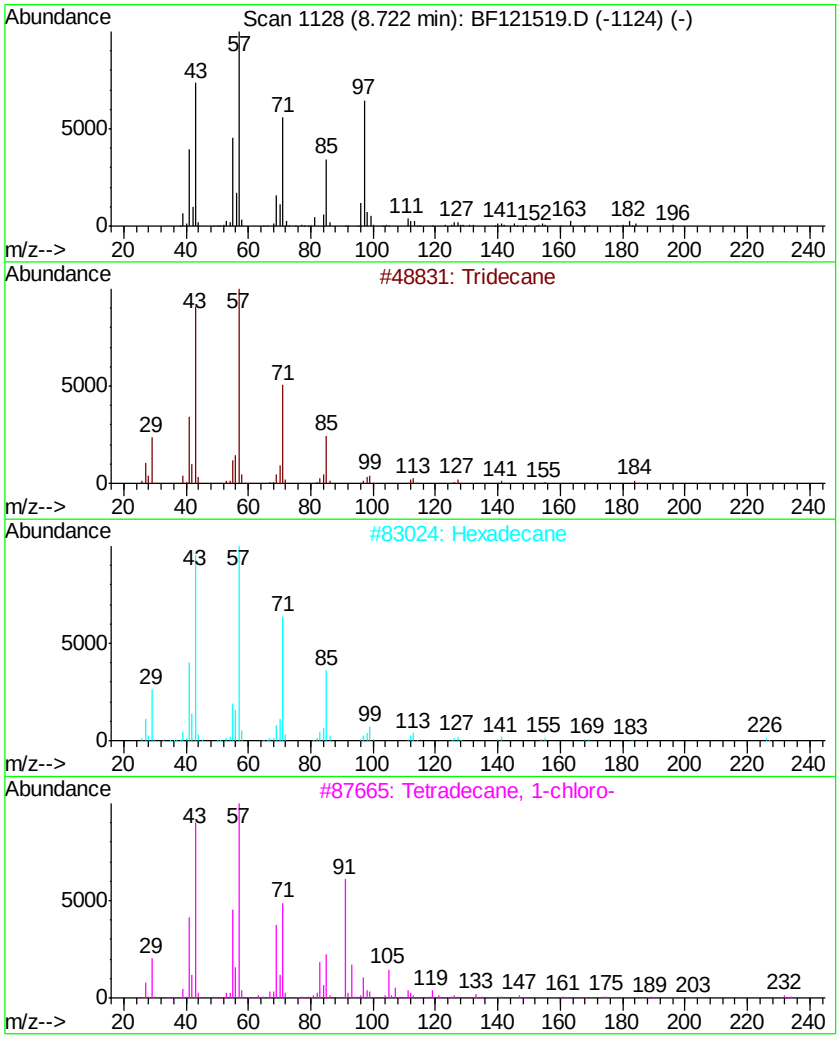
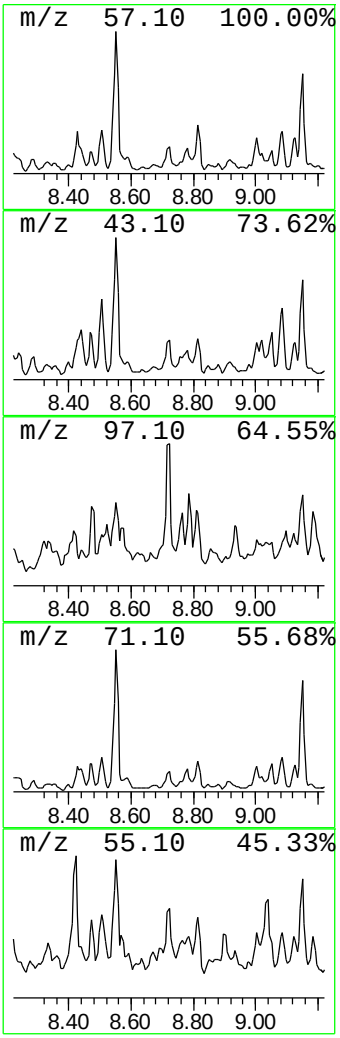
Peak Number 12 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	4.07 ng	990420	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	Hexadecane	226	C16H34	000544-76-3	49
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	47
4	Tetradecane	198	C14H30	000629-59-4	47
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	47





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Sample : L3858-02
Misc :
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

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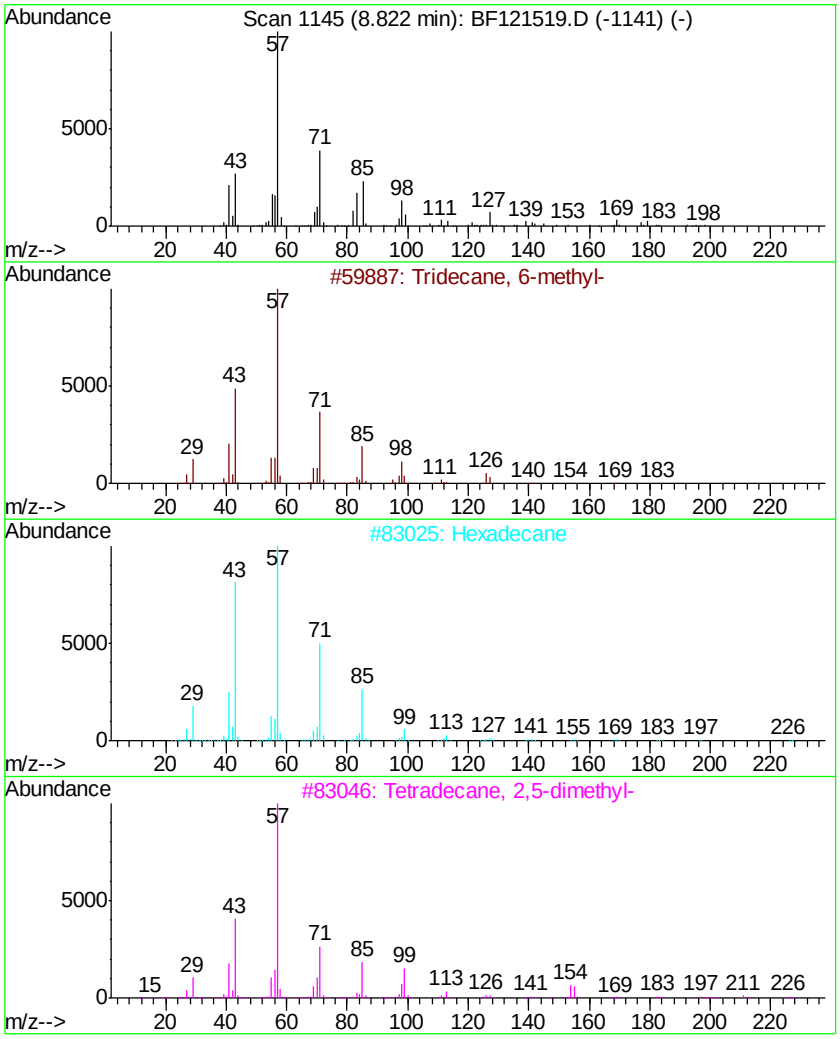
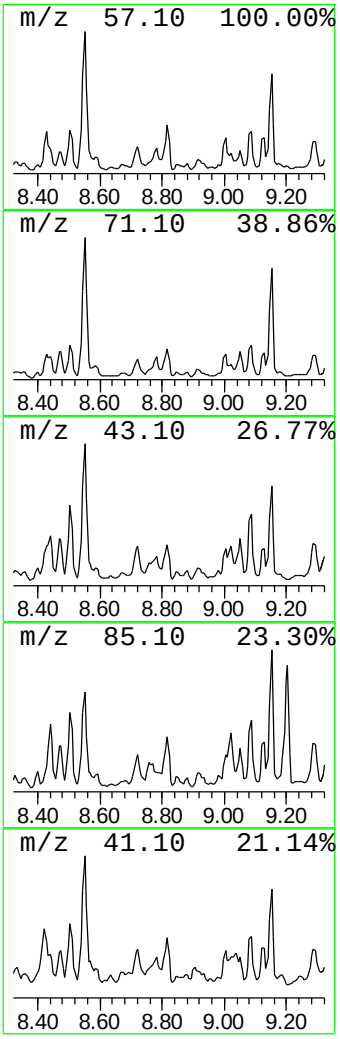
Peak Number 13 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	4.34 ng	1056370	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Hexadecane	226	C16H34	000544-76-3	59
3	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	59
4	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	59
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58





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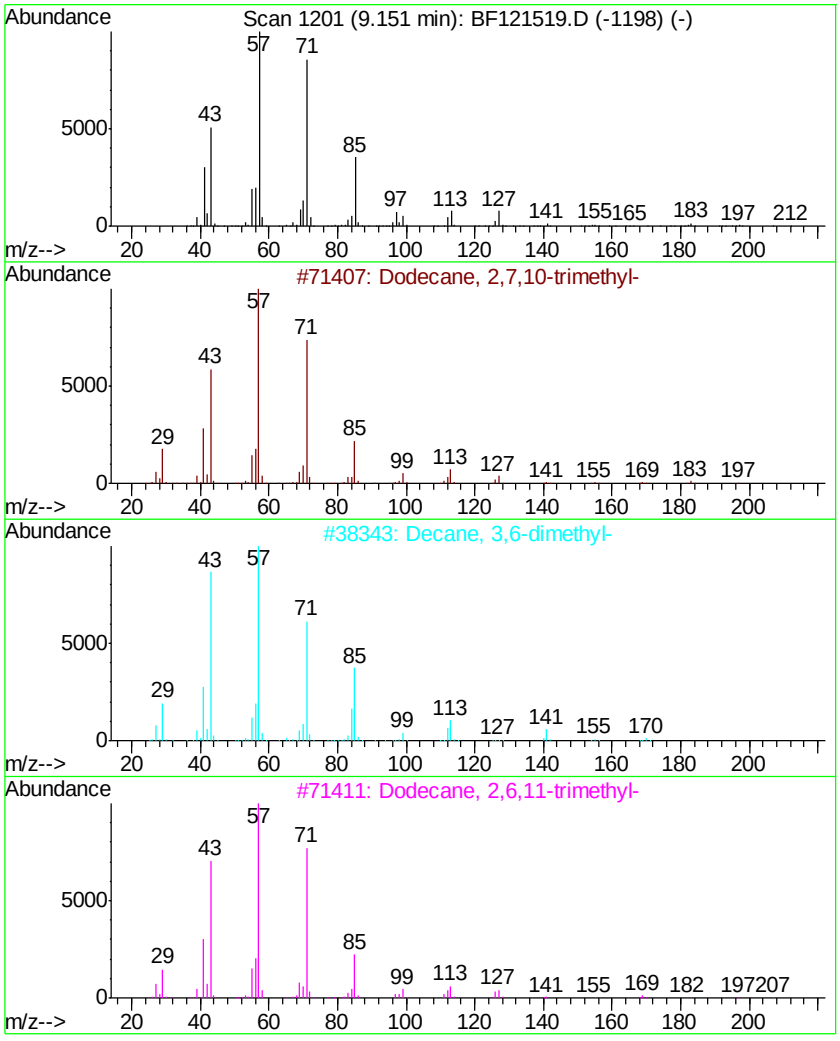
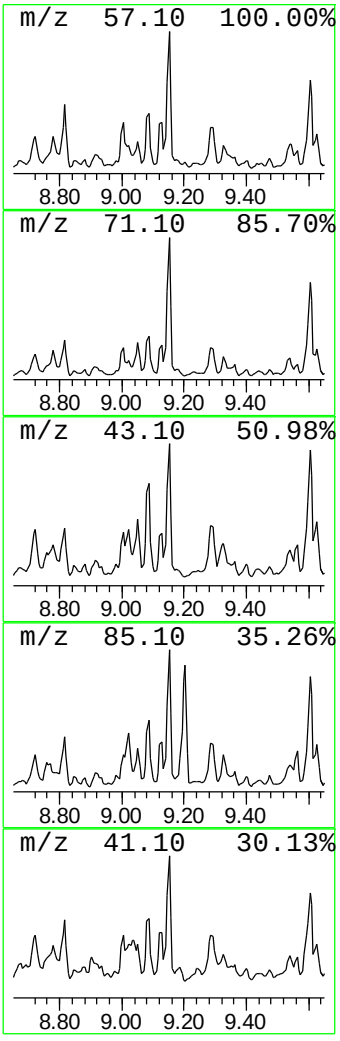
Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	7.32 ng	1943070	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
5	Dodecane	170	C12H26	000112-40-3	87





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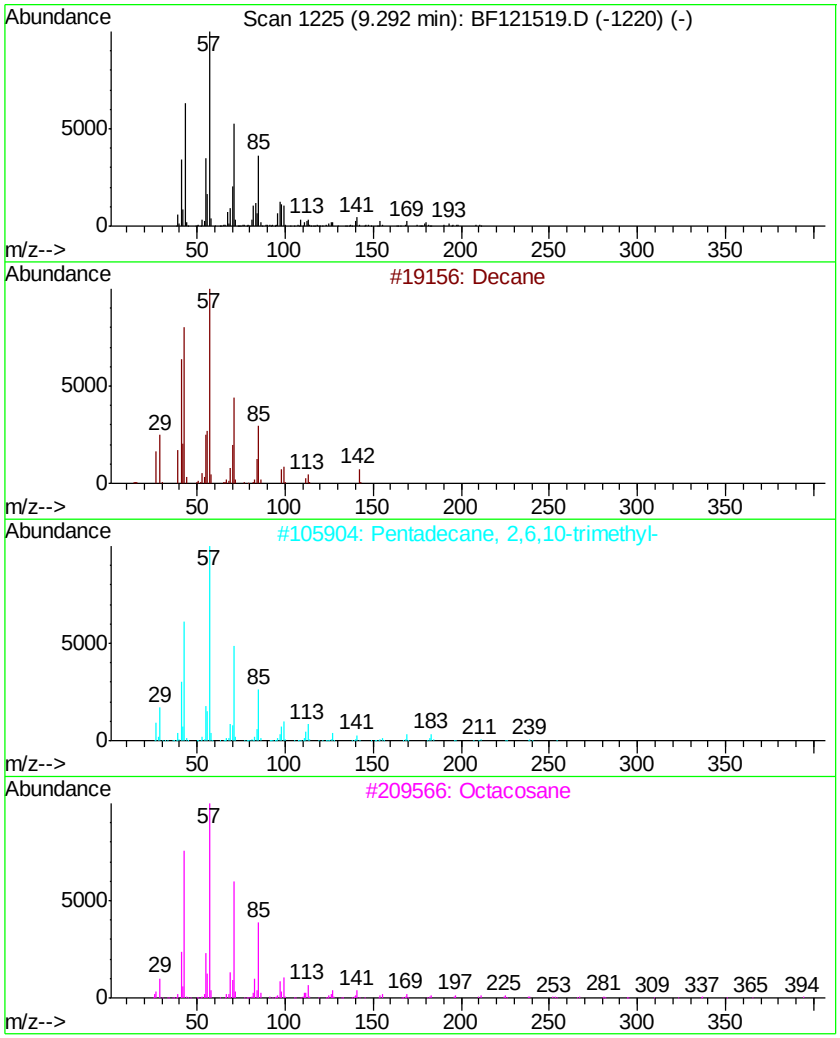
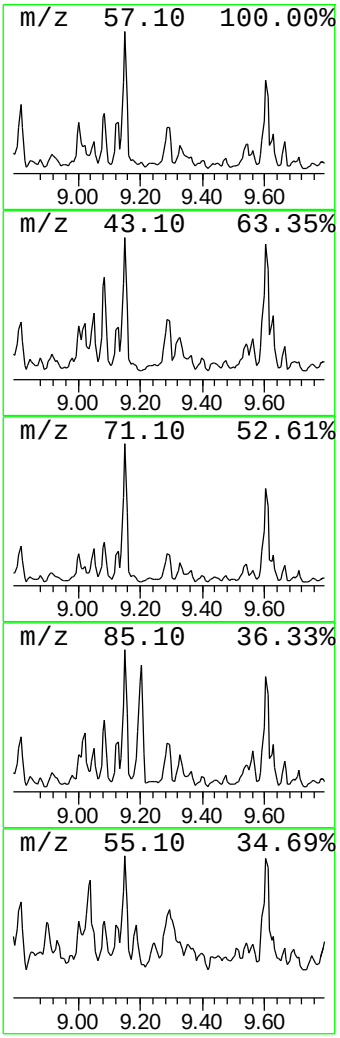
Peak Number 15 Decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	4.50 ng	1195250	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
3	Octacosane	394	C28H58	000630-02-4	59
4	Octadecane	254	C18H38	000593-45-3	53
5	Hexadecane	226	C16H34	000544-76-3	53





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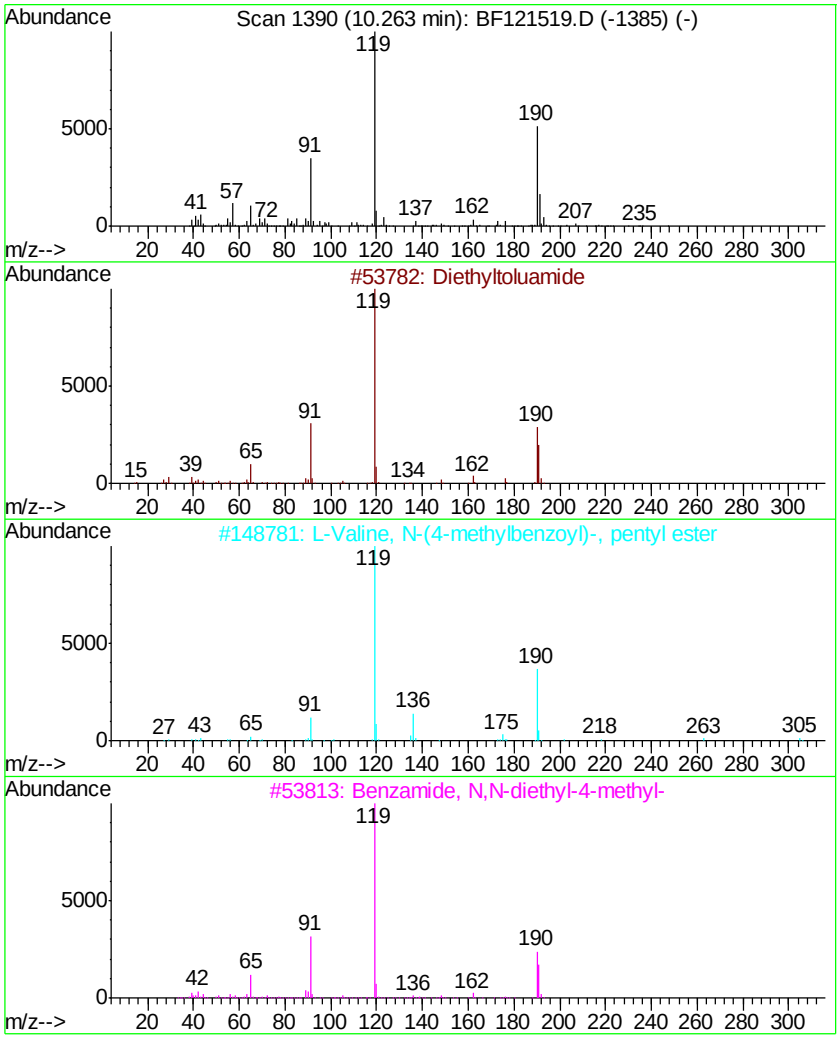
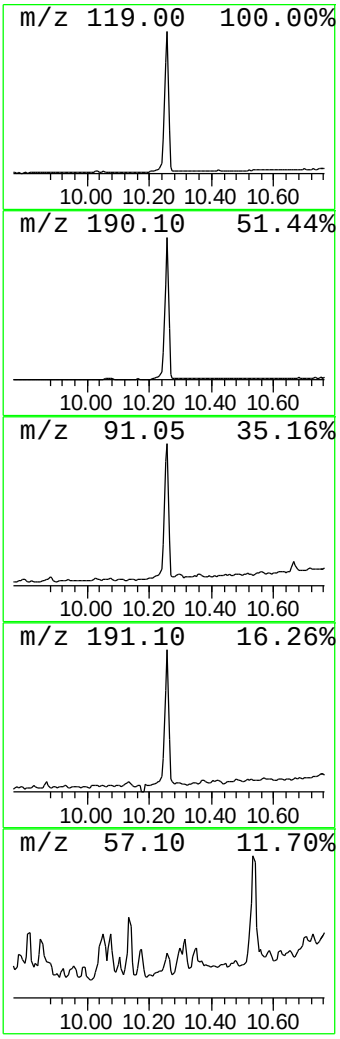
Peak Number 16 Diethyltoluamide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.11 ng	1091220	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	81
2	L-Valine, N-(4-methylbenzoyl)-, ...	305	C18H27NO3	1000346-64-1	78
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76
4	N-(m-Toluoyl)glycine	193	C10H11NO3	027115-49-7	58
5	p-Toluric acid	193	C10H11NO3	027115-50-0	58





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Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
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TIC Integration Parameters: LSCINT.P

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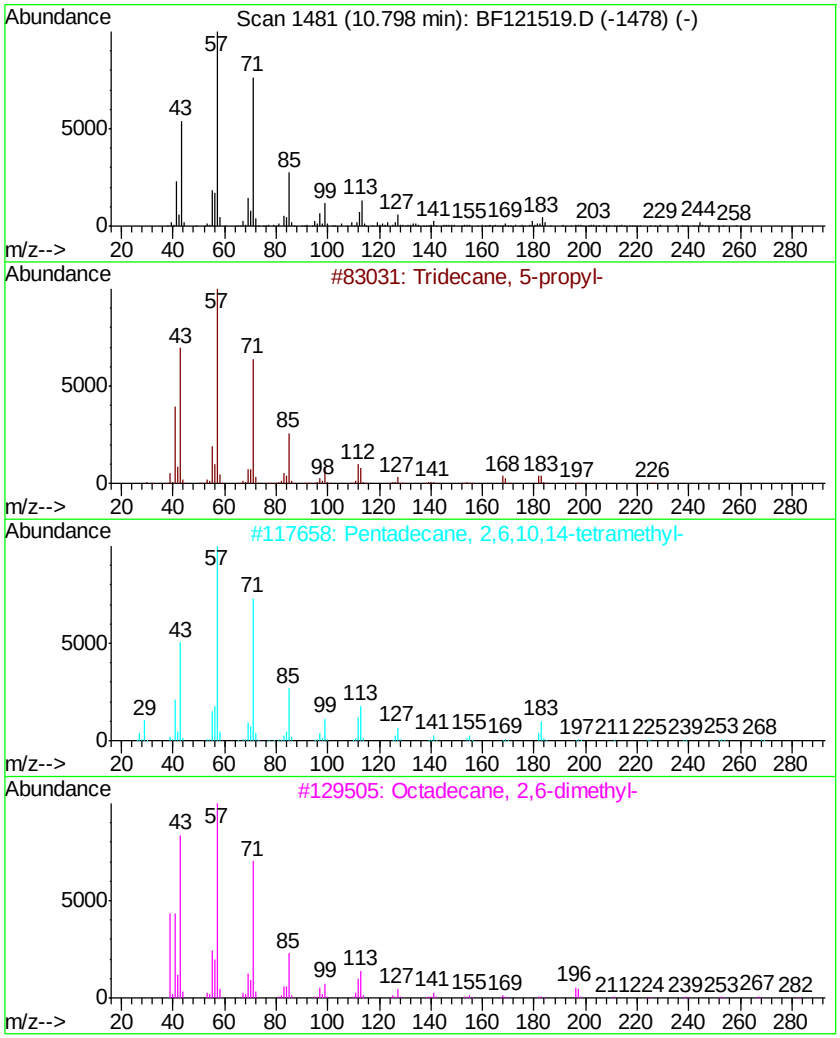
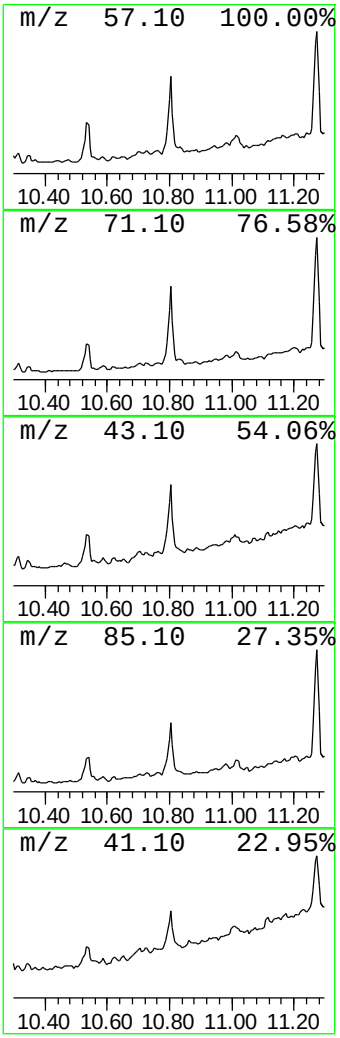
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	7.36 ng	1372480	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72





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Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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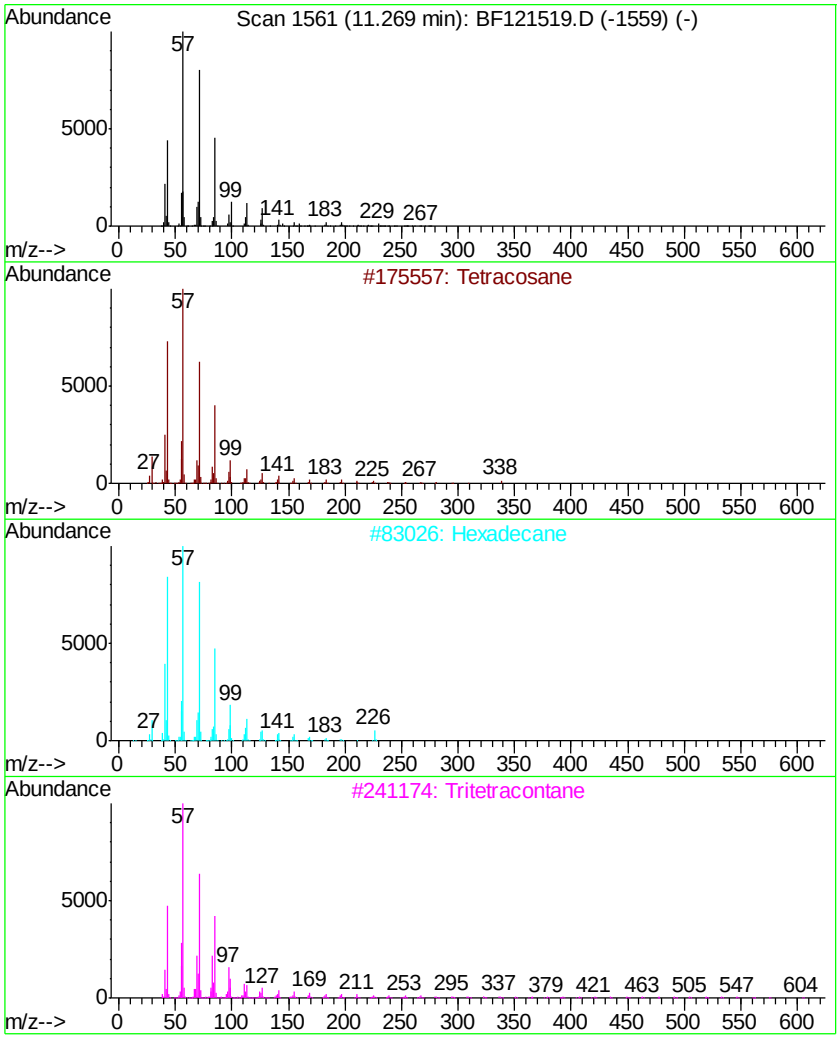
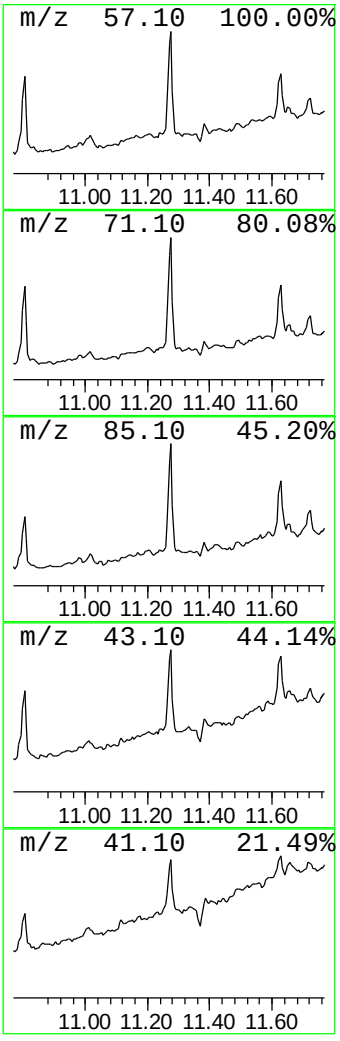
Peak Number 18 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.34 ng	1369370	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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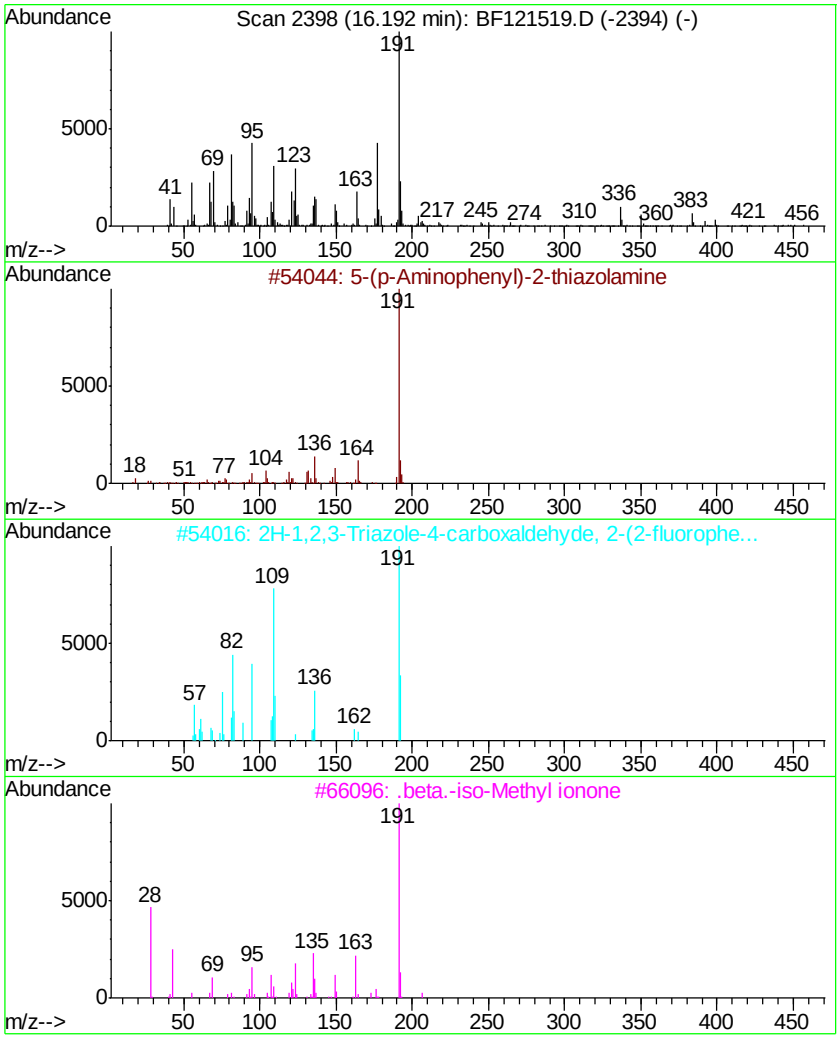
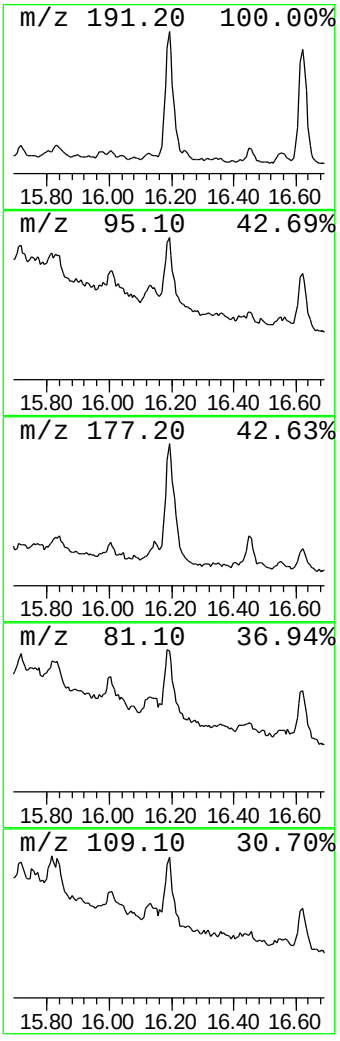
Peak Number 19 unknown16.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	11.33 ng	1659880	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	37
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	35
4	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	32
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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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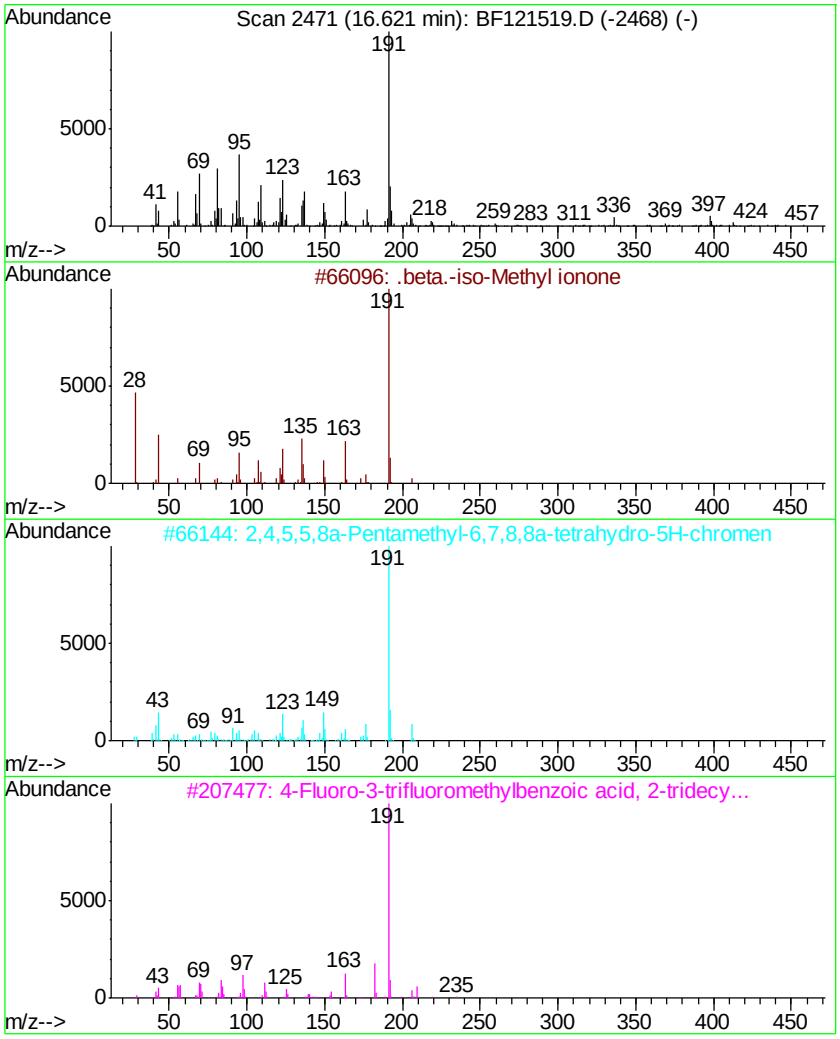
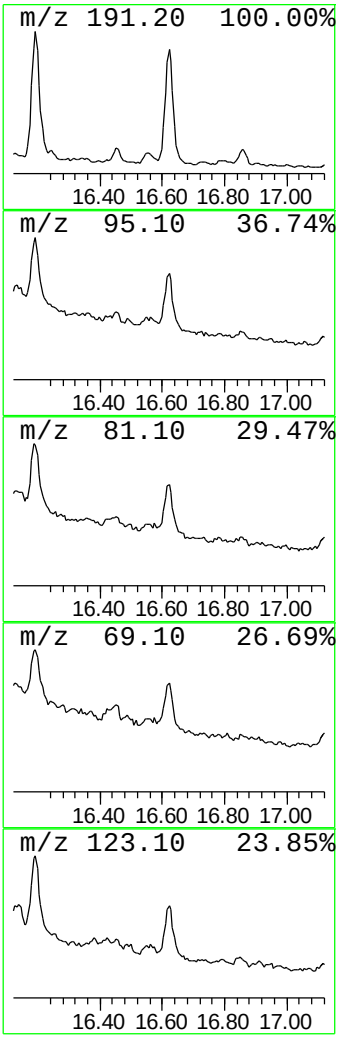
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	8.48 ng	1241870	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	70
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	50
3	4-Fluoro-3-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-67-7	43
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-VB01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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
Butane, 2-methoxy...	2.15	27.4	ng	4753710	1	6.85	3471620	20.0
Naphthalene, deca...	7.24	5.0	ng	868314	1	6.85	3471620	20.0
unknown7.49	7.49	4.1	ng	994128	2	8.13	4865060	20.0
Tetradecane, 2,5-...	7.55	4.5	ng	1105430	2	8.13	4865060	20.0
Tridecane, 6-methyl-	7.81	5.0	ng	1206430	2	8.13	4865060	20.0
Undecane, 2-methyl-	7.88	5.7	ng	1376430	2	8.13	4865060	20.0
Undecane, 3-methyl-	7.92	3.5	ng	858671	2	8.13	4865060	20.0
Undecane, 2,6-dim...	8.19	11.0	ng	2673690	2	8.13	4865060	20.0
Cyclohexane, (4-m...	8.42	10.0	ng	2433620	2	8.13	4865060	20.0
Dodecane, 2-methyl-	8.50	5.1	ng	1235910	2	8.13	4865060	20.0
Dodecane, 2,6,11-...	8.55	12.1	ng	2950430	2	8.13	4865060	20.0
Tridecane	8.72	4.1	ng	990420	2	8.13	4865060	20.0
Hexadecane	8.82	4.3	ng	1056370	2	8.13	4865060	20.0
Dodecane, 2,7,10-...	9.15	7.3	ng	1943070	3	9.88	5307170	20.0
Decane	9.29	4.5	ng	1195250	3	9.88	5307170	20.0
Diethyltoluamide	10.26	4.1	ng	1091220	3	9.88	5307170	20.0
Tridecane, 5-propyl-	10.80	7.4	ng	1372480	4	11.37	3730090	20.0
Tetracosane	11.27	7.3	ng	1369370	4	11.37	3730090	20.0
unknown16.19	16.19	11.3	ng	1659880	6	15.49	2930620	20.0
.beta.-iso-Methyl...	16.62	8.5	ng	1241870	6	15.49	2930620	20.0