LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	12	21	26	rVB	4673044	6173869	58.88%	5.554%
2	4.451	395	402	409	rBV	253009	343960	3.28%	0.309%
3	4.522	409	414	419	rVB2	409437	529705	5.05%	0.477%
4	5.381	557	560	564	rVB	499312	444632	4.24%	0.400%
5	5.504	575	581	584	rBV	4109361	3849627	36.71%	3.463%
6	6.063	672	676	679	rBV	982736	777214	7.41%	0.699%
7	6.351	720	725	728	rVB	687737	566024	5.40%	0.509%
8	6.504	745	751	757	rVB	2567075	2631628	25.10%	2.367%
9	6.575	759	763	768	rVB	609756	539036	5.14%	0.485%
10	6.710	784	786	793	rVB	302959	287784	2.74%	0.259%
11	6.828	804	806	807	rVV	294217	243123	2.32%	0.219%
12	6.845	807	809	812	rVV	366303	320517	3.06%	0.288%
13	6.886	812	816	818	rVV	1878812	1521094	14.51%	1.368%
14	6.922	818	822	824	rVV3	198433	301093	2.87%	0.271%
15	6.945	824	826	834	rVB4	188935	224722	2.14%	0.202%
16	7.016	834	838	841	rBV	212357	282664	2.70%	0.254%
17	7.069	844	847	850	rVV	2832638	2324600	22.17%	2.091%
18	7.139	855	859	862	rVV2	1712018	1688349	16.10%	1.519%
19	7.210	867	871	873	rVV	1110431	1096514	10.46%	0.986%
20	7.228	873	874	878	rVB2	803869	552601	5.27%	0.497%
21	7.281	880	883	887	rBV3	201572	246502	2.35%	0.222%
22	7.369	892	898	900	rBV2	518494	764008	7.29%	0.687%
23	7.392	900	902	904	rVV	232727	237355	2.26%	0.214%
24	7.457	904	913	917	rVV3	5669868	10485840	100.00%	9.433%
25	7.492	917	919	923	rVB3	637715	759142	7.24%	0.683%
26	7.533	923	926	929	rVB2	593610	621998	5.93%	0.560%
27	7.575	929	933	936	rBV2	553823	586078	5.59%	0.527%
28	7.657	941	947	949	rBV	1692422	1541383	14.70%	1.387%
29	7.681	949	951	955	rVB	1032673	860760	8.21%	0.774%
30	7.733	956	960	963	rVB	582266	480892	4.59%	0.433%
31	7.775	963	967	971	rVB	764828	701861	6.69%	0.631%
32	7.822	971	975	979	rBV3	733381	1205724	11.50%	1.085%
33	7.857	979	981	984	rVB	813378	633118	6.04%	0.570%
34	7.910	984	990	992	rBV4	920472	1308654	12.48%	1.177%
35	7.939	992	995	998	rVB	743505	661618	6.31%	0.595%
36	7.986	998	1003	1005	rBV2	342218	432149	4.12%	0.389%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.039	1009	1012	1014	rVB	334875	285266	2.72%	0.257%
38	8.075	1014	1018	1020	rBV	878475	791326	7.55%	0.712%
39	8.116	1020	1025	1028	rBV3	606514	821844	7.84%	0.739%
40	8.169	1028	1034	1036	rBV2	2530332	3421339	32.63%	3.078%
41	8.192	1036	1038	1041	rVV2	2779189	2466237	23.52%	2.219%
42	8.216	1041	1042	1046	rVB3	310253	247567	2.36%	0.223%
43	8.257	1046	1049	1052	rVB	664933	487308	4.65%	0.438%
44	8.298	1052	1056	1059	rBV4	172267	231910	2.21%	0.209%
45	8.369	1066	1068	1071	rVB2	266129	267687	2.55%	0.241%
46	8.416	1073	1076	1078	rBV2	432599	516075	4.92%	0.464%
47	8.463	1082	1084	1087	rVB3	326581	337113	3.21%	0.303%
48	8.492	1087	1089	1091	rBV2	246609	217725	2.08%	0.196%
49	8.551	1097	1099	1104	rBV4	329964	443611	4.23%	0.399%
50	8.633	1109	1113	1117	rVB4	515608	785574	7.49%	0.707%
51	8.669	1117	1119	1121	rBV	299759	273372	2.61%	0.246%
52	8.728	1127	1129	1132	rVB	716019	629774	6.01%	0.567%
53	8.757	1132	1134	1137	rVB2	797562	580520	5.54%	0.522%
54	8.792	1137	1140	1144	rBV3	331705	392903	3.75%	0.353%
55	8.833	1144	1147	1150	rVV2	512457	565627	5.39%	0.509%
56	8.863	1150	1152	1156	rVV3	326158	473753	4.52%	0.426%
57	8.898	1156	1158	1160	rVB	300367	236497	2.26%	0.213%
58	8.980	1167	1172	1174	rVV2	730311	1005211	9.59%	0.904%
59	9.016	1176	1178	1181	rVV4	457513	497202	4.74%	0.447%
60	9.051	1181	1184	1187	rVV	1584241	1268228	12.09%	1.141%
61	9.110	1189	1194	1197	rVB4	410529	581920	5.55%	0.523%
62	9.192	1205	1208	1212	rVB4	229884	260656	2.49%	0.234%
63	9.245	1212	1217	1220	rBV	7598745	7818090	74.56%	7.033%
64	9.275	1220	1222	1224	rBV2	261929	244087	2.33%	0.220%
65	9.327	1228	1231	1233	rBV4	199782	256373	2.44%	0.231%
66	9.404	1239	1244	1246	rBV2	777683	806273	7.69%	0.725%
67	9.457	1246	1253	1256	rVB	2334894	3432431	32.73%	3.088%
68	9.522	1261	1264	1267	rVV3	323386	391542	3.73%	0.352%
69	9.580	1271	1274	1276	rVV2	783432	726582	6.93%	0.654%
70	9.604	1276	1278	1280	rVV2	463734	372633	3.55%	0.335%
71	9.645	1283	1285	1288	rVV3	349706	427308	4.08%	0.384%
72	9.669	1288	1289	1292	rVV3	328157	338000	3.22%	0.304%
73	9.698	1292	1294	1296	rVV	557486	479530	4.57%	0.431%
74	9.745	1299	1302	1304	rBV	528710	463262	4.42%	0.417%
75	9.780	1305	1308	1313	rVB3	450826	666138	6.35%	0.599%
76	9.827	1313	1316	1320	rVB3	238976	352346	3.36%	0.317%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.922	1327	1332	1336	rVV2	2861573	2843021	27.11%	2.557%
78	9.986	1340	1343	1347	rVB	809729	699854	6.67%	0.630%
79	10.133	1364	1368	1371	rBV3	572140	708809	6.76%	0.638%
80	10.186	1375	1377	1381	rVB4	275411	326898	3.12%	0.294%
81	10.239	1383	1386	1388	rBV2	491222	448337	4.28%	0.403%
82	10.263	1388	1390	1391	rBV2	275790	216134	2.06%	0.194%
83	10.345	1402	1404	1407	rVB2	402870	376228	3.59%	0.338%
84	10.539	1433	1437	1441	rVV	857520	935349	8.92%	0.841%
85	10.580	1441	1444	1447	rVB2	557028	531439	5.07%	0.478%
86	10.651	1453	1456	1461	rBV2	517648	700803	6.68%	0.630%
87	10.716	1462	1467	1470	rVV	4783806	4787937	45.66%	4.307%
88	10.751	1470	1473	1477	rVV4	211095	315799	3.01%	0.284%
89	10.839	1485	1488	1494	rVB3	706860	913740	8.71%	0.822%
90	11.045	1521	1523	1530	rVB5	204159	256261	2.44%	0.231%
91	11.304	1564	1567	1571	rVB	293937	261487	2.49%	0.235%
92	11.410	1581	1585	1588	rBV	2586957	2228893	21.26%	2.005%
93	11.933	1668	1674	1680	rVB2	1353420	1692903	16.14%	1.523%
94	12.715	1804	1807	1816	rVB	838326	936954	8.94%	0.843%
95	12.998	1850	1855	1858	rBV	6989228	7260303	69.24%	6.531%
96	13.892	2005	2007	2014	rVB2	193824	237208	2.26%	0.213%
97	14.039	2029	2032	2036	rVB	1661365	1538868	14.68%	1.384%
98	14.480	2102	2107	2110	rBV	124897	209805	2.00%	0.189%
99	14.515	2110	2113	2125	rVB3	104637	232952	2.22%	0.210%
100	15.515	2278	2283	2287	rBV	1184904	1418822	13.53%	1.276%

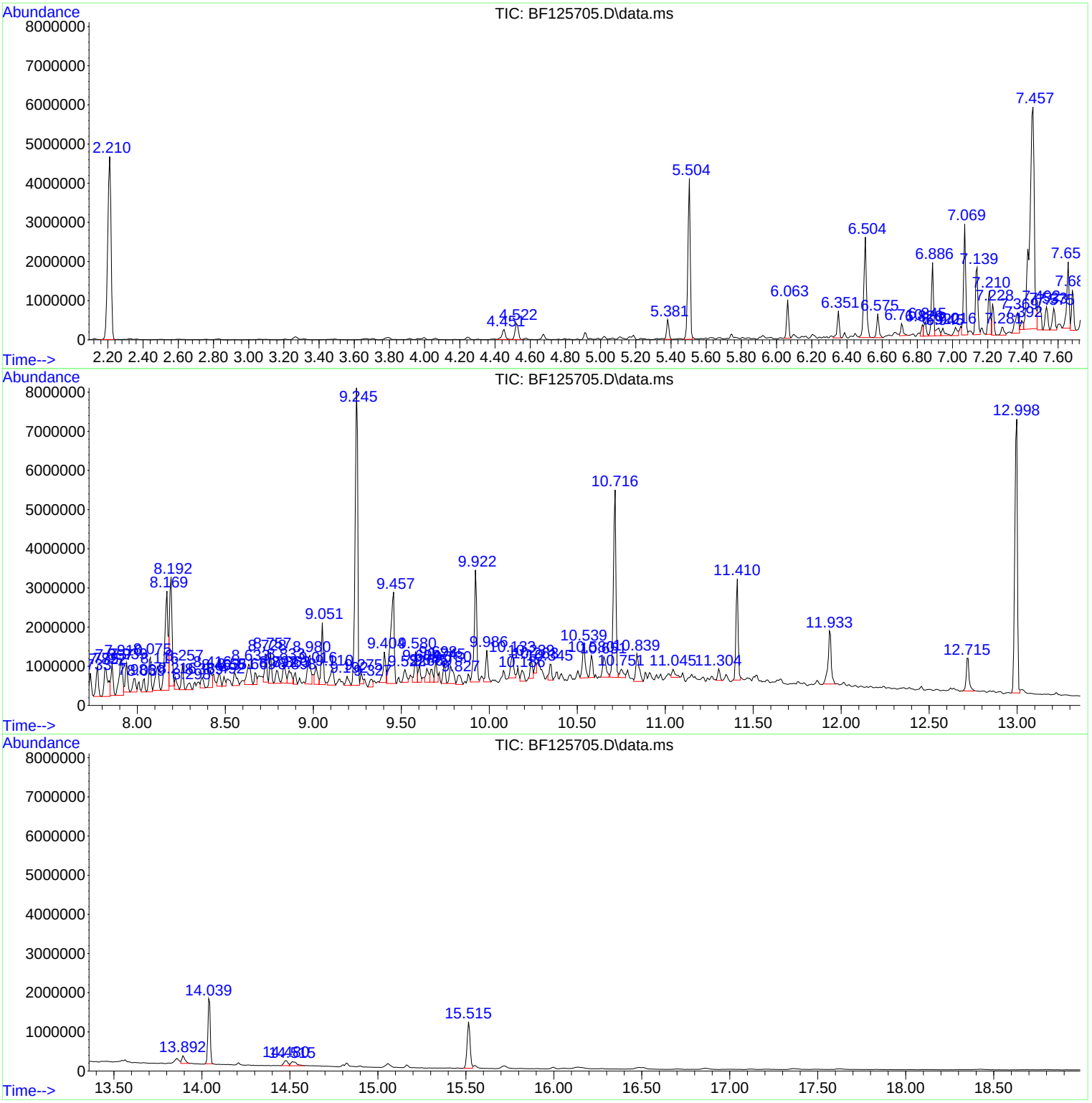
Sum of corrected areas: 111165482

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

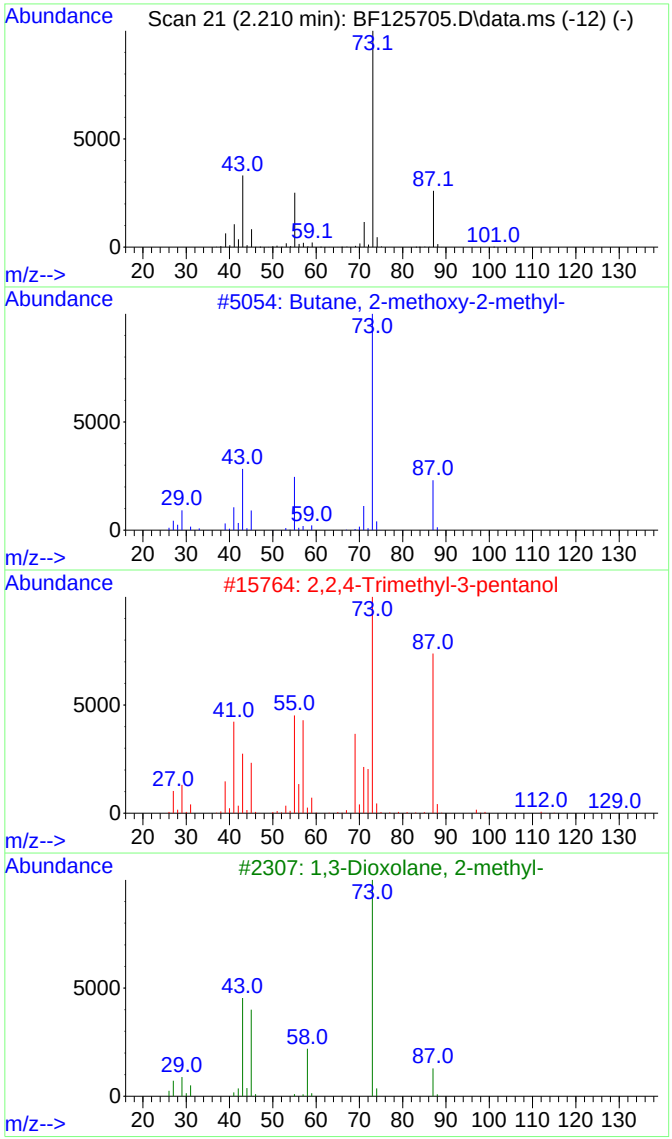
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

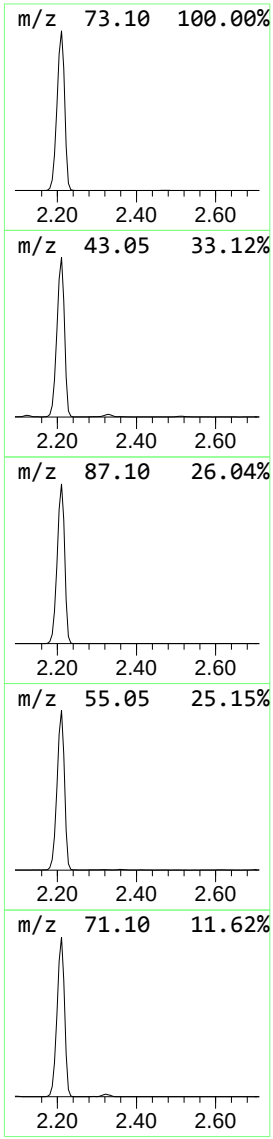
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	81.18 ng	6173870	1,4-Dichlorobenzene-d4	6.886

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

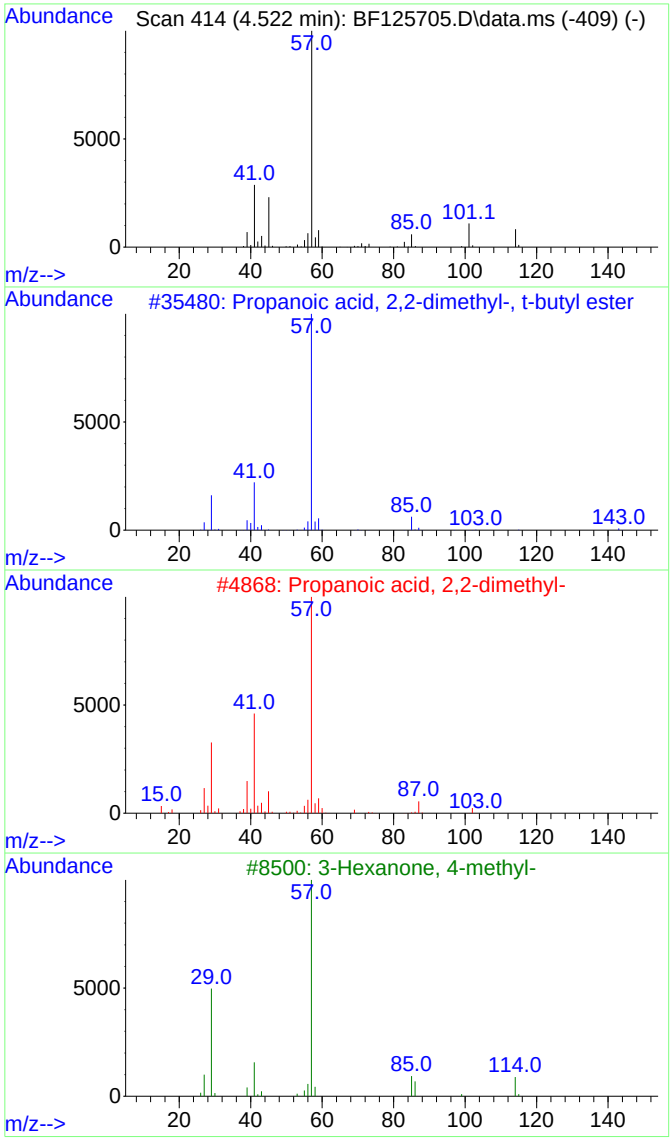
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

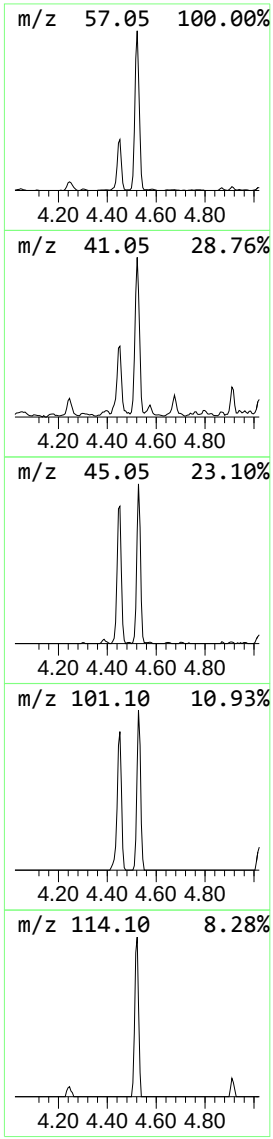
****

Peak Number 2 unknown4.522 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	6.96 ng	529705	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-, t...	158	C9H18O2	016474-43-4	38
2	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	38
3	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	27
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	27
5	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

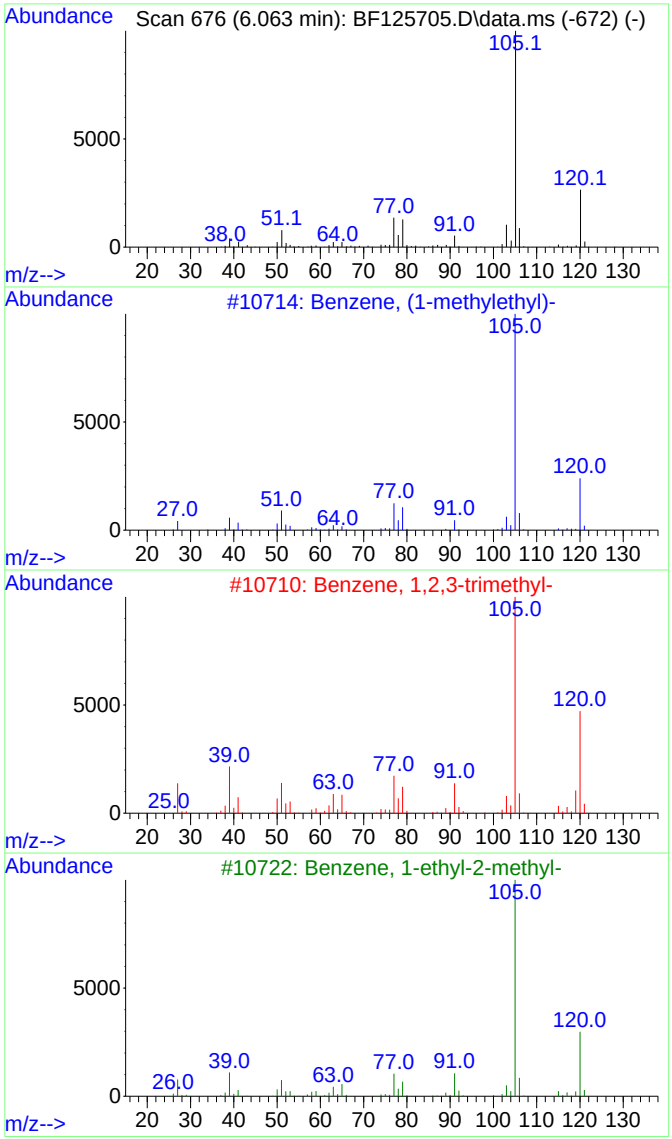
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

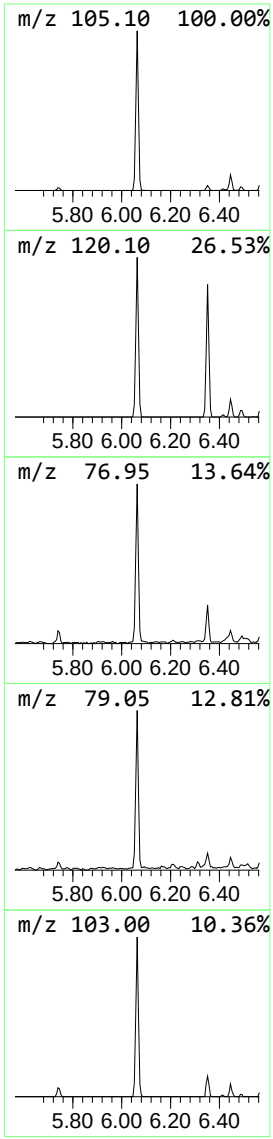
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	10.22 ng	777214	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

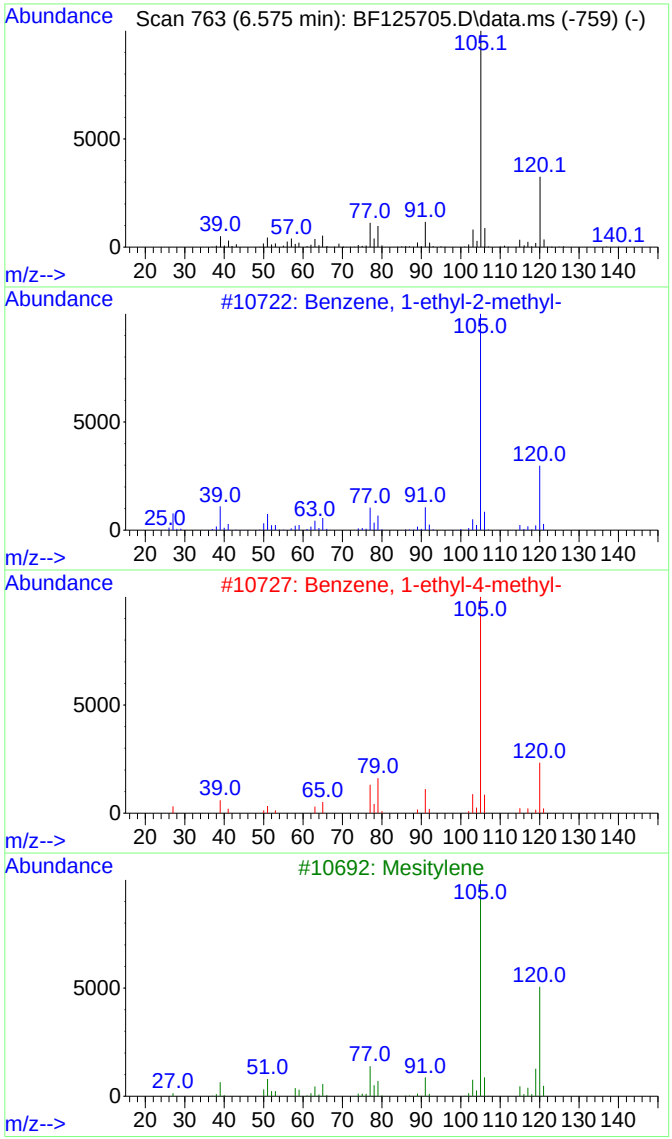
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

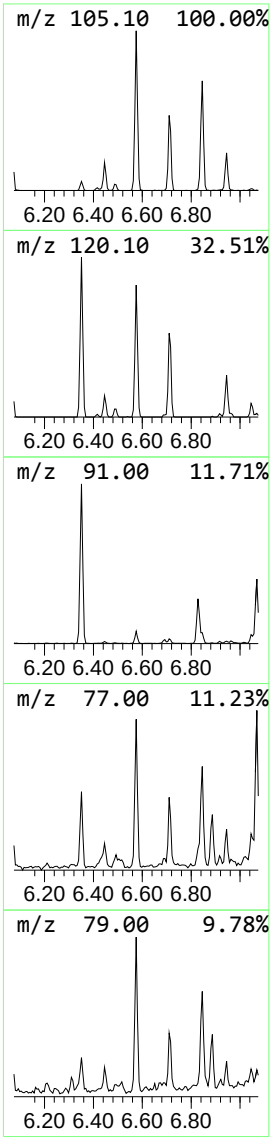
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	7.09 ng	539036	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

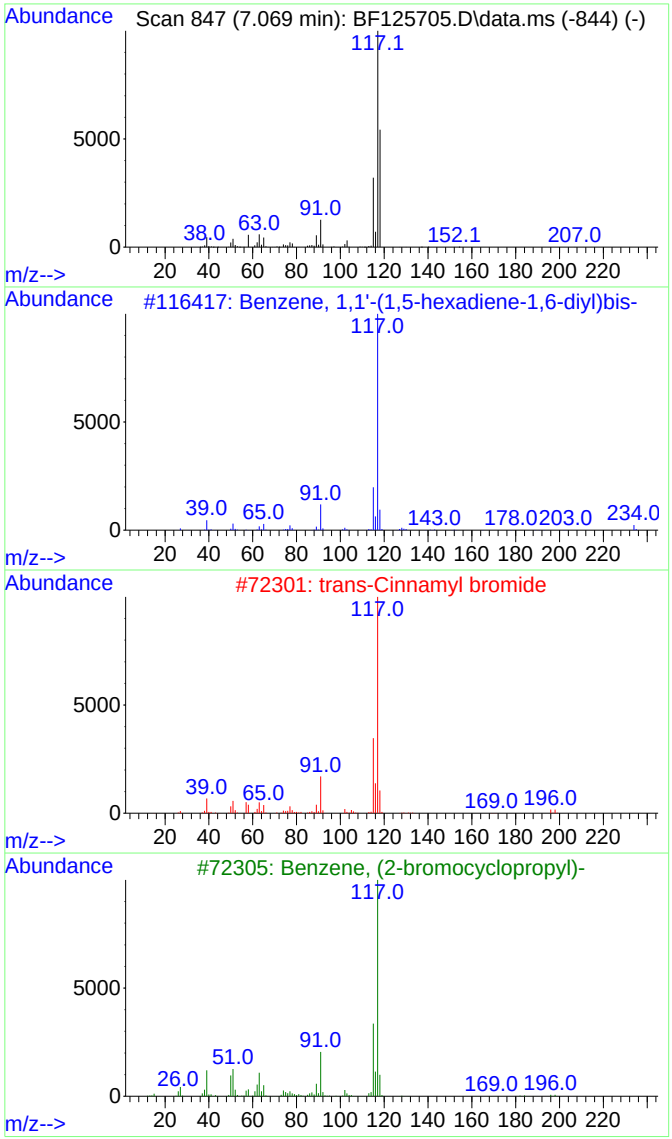
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

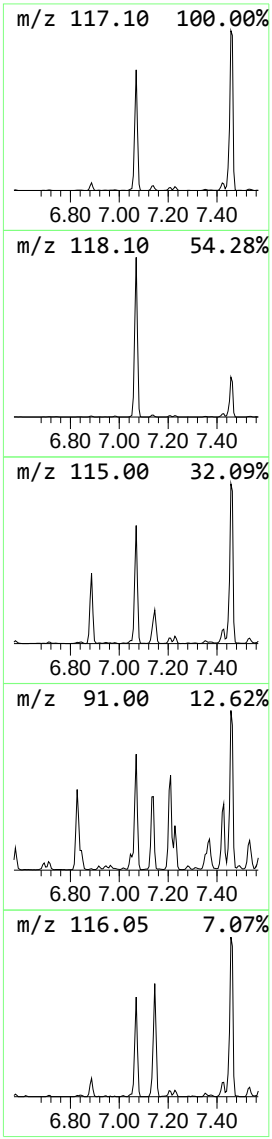
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	30.56 ng	2324600	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37





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Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

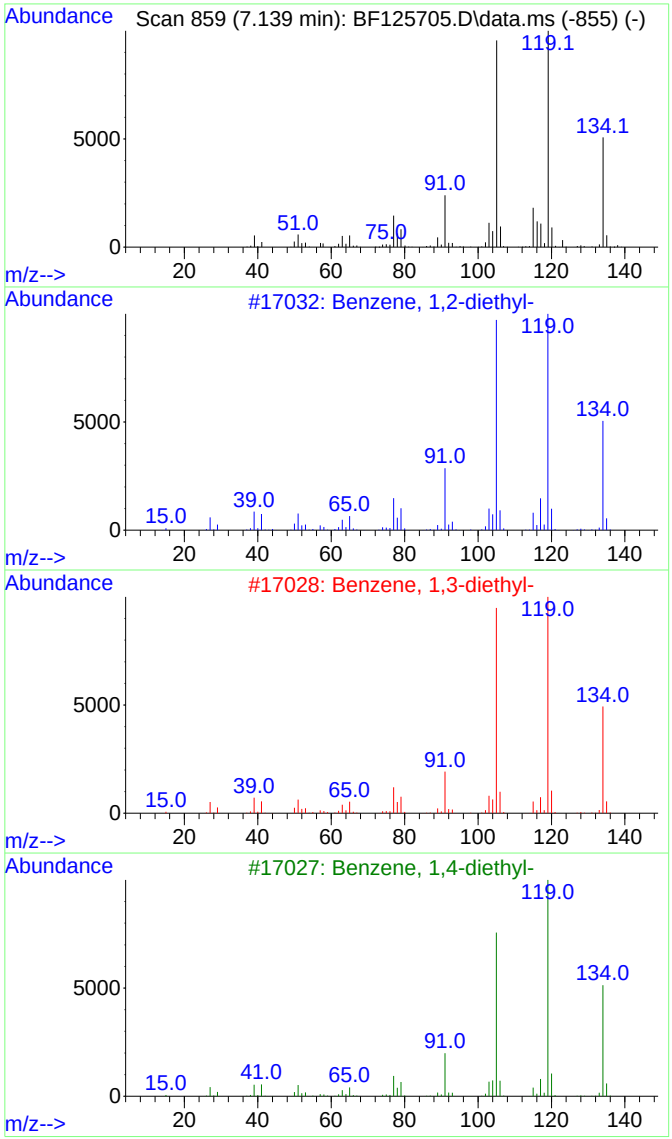
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

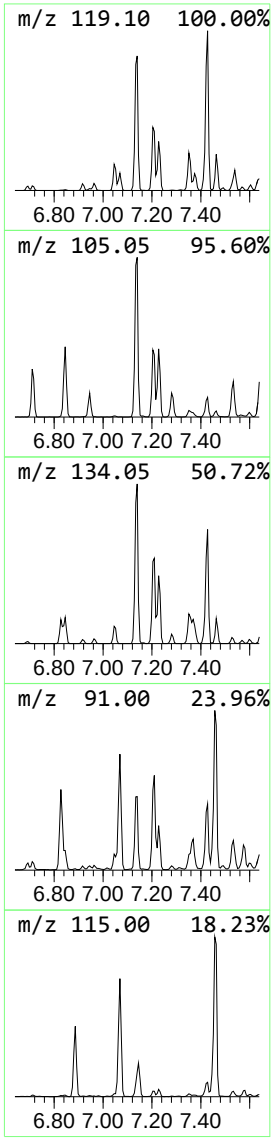
****

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	22.20 ng	1688350	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80





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Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

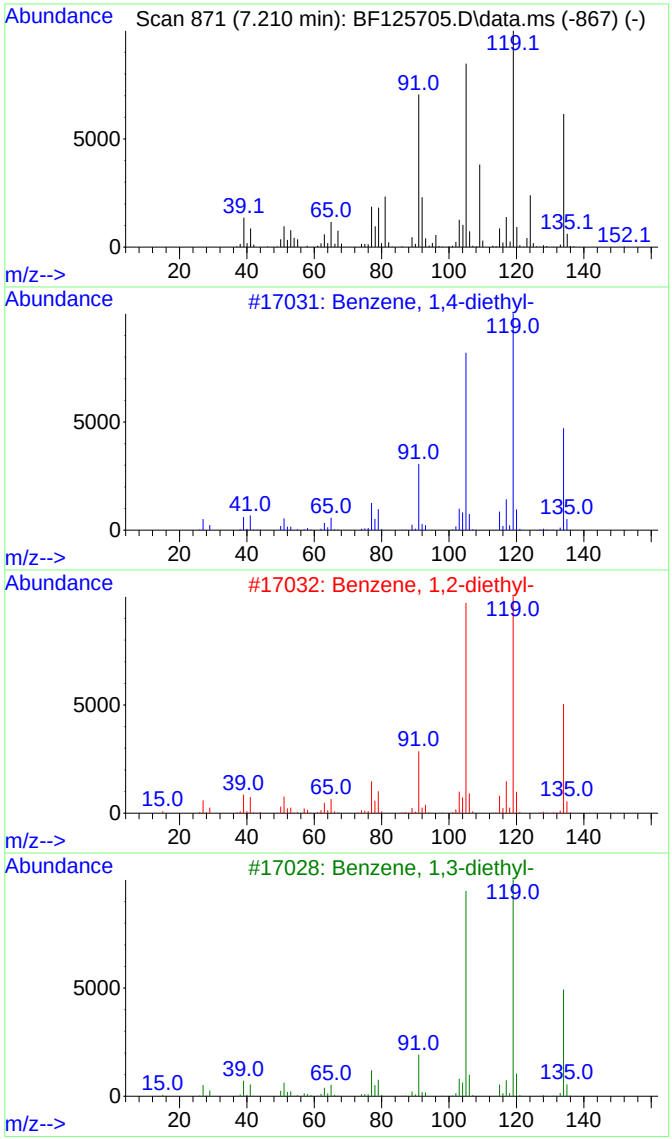
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

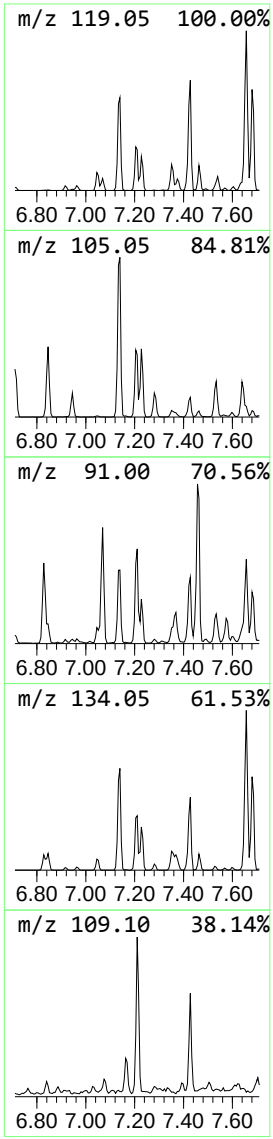
****

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	14.42 ng	1096510	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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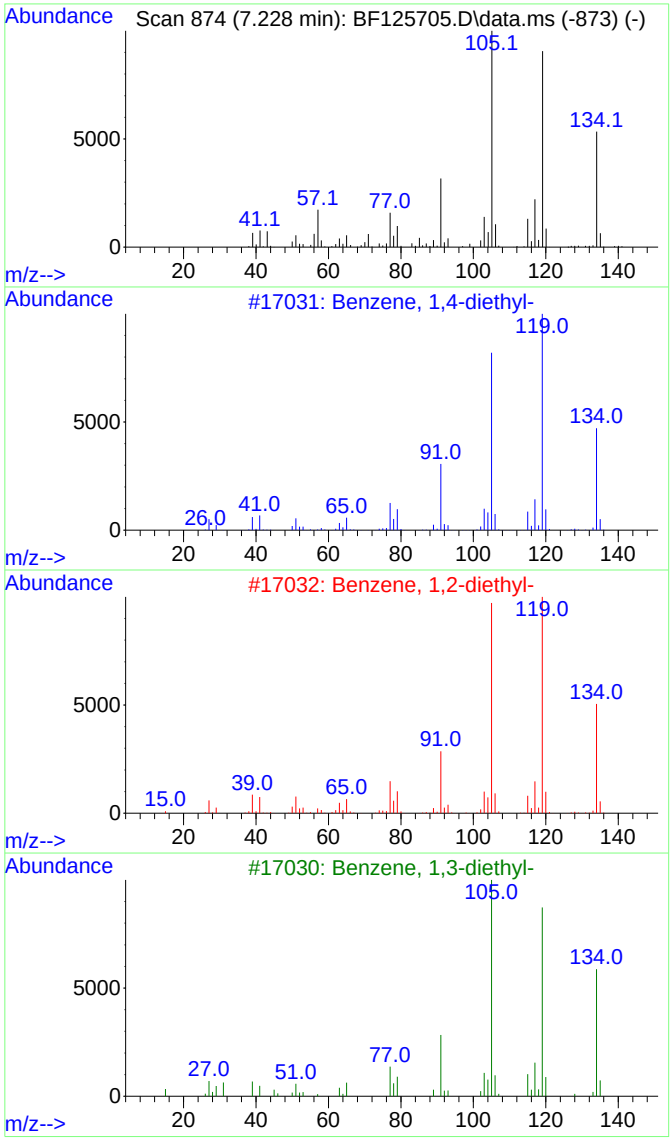
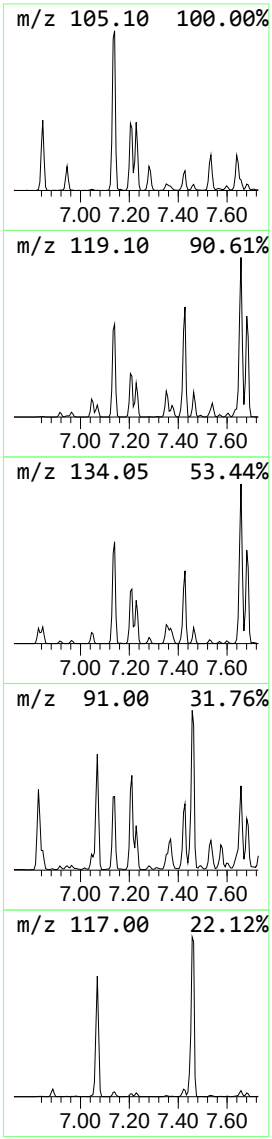
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	7.27 ng	552601	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	80





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Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

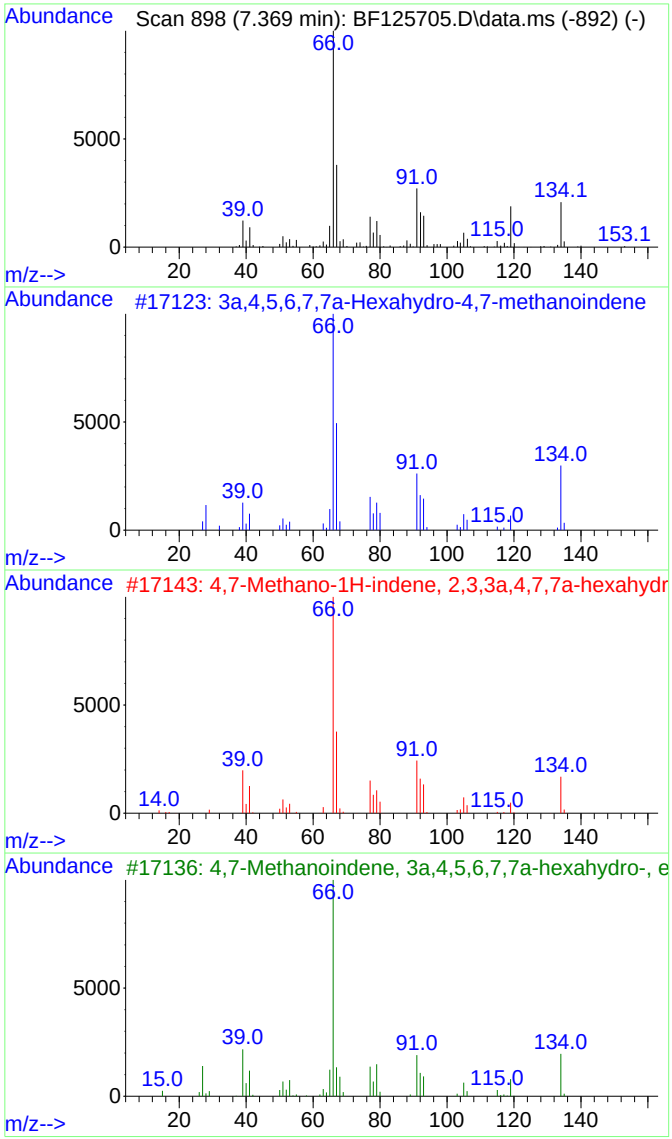
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

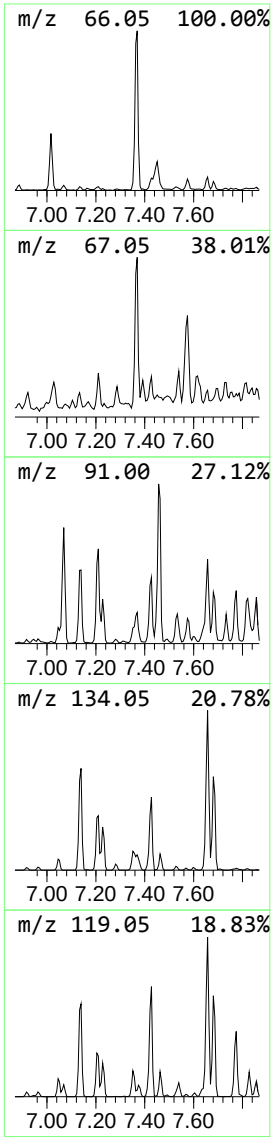
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.369	10.05 ng	764008	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	97
2	4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	002826-19-9	96
3	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	91
4	5-Norbornane-2-carboxaldehyde	122	C8H10O	005453-80-5	72
5	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	64





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Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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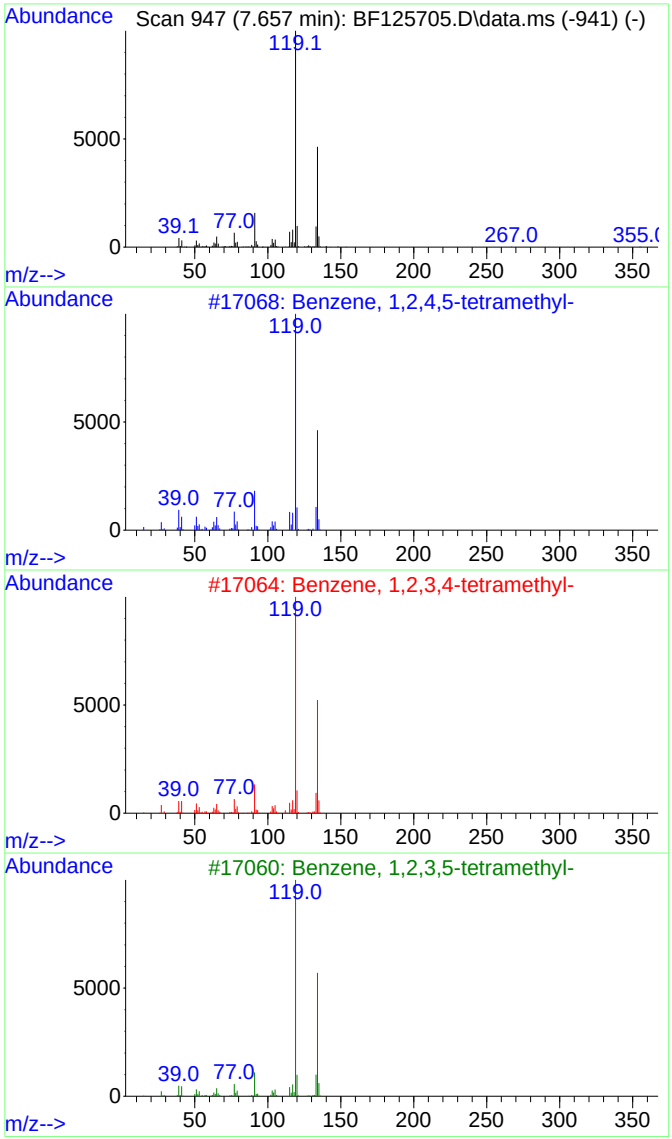
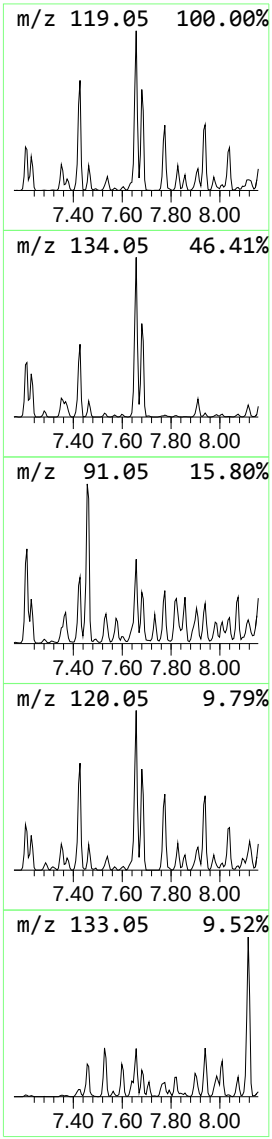
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.657	9.01 ng	1541380	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

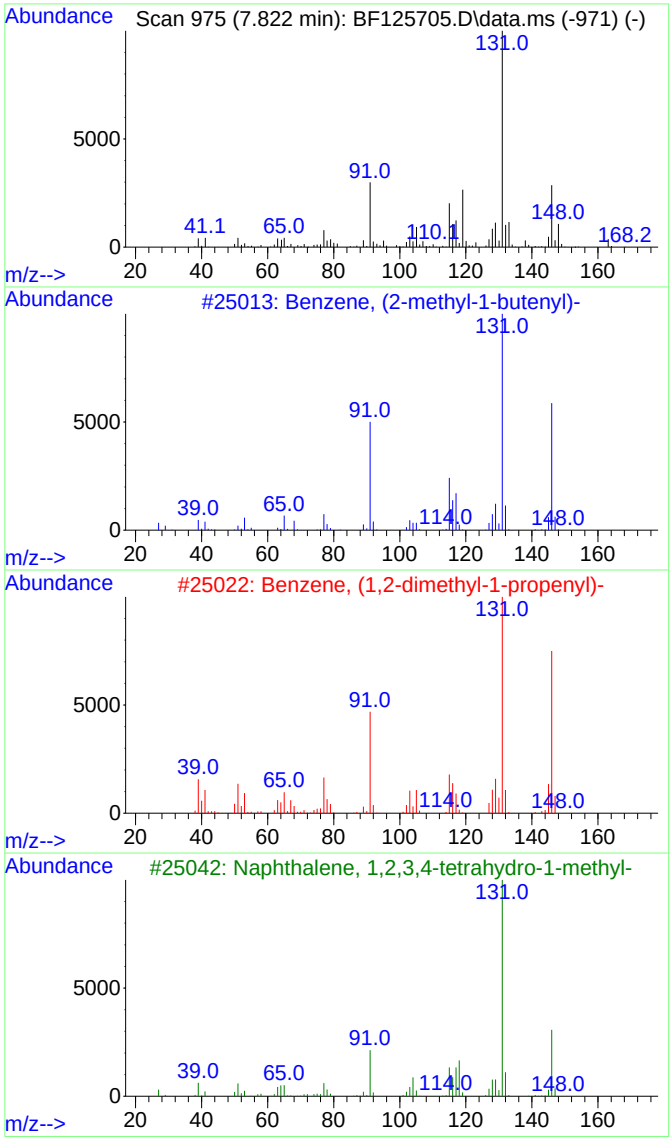
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

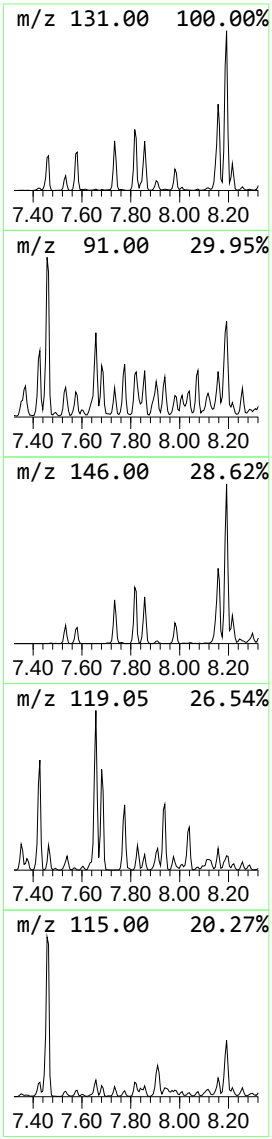
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.822	7.05 ng	1205720	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	68





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Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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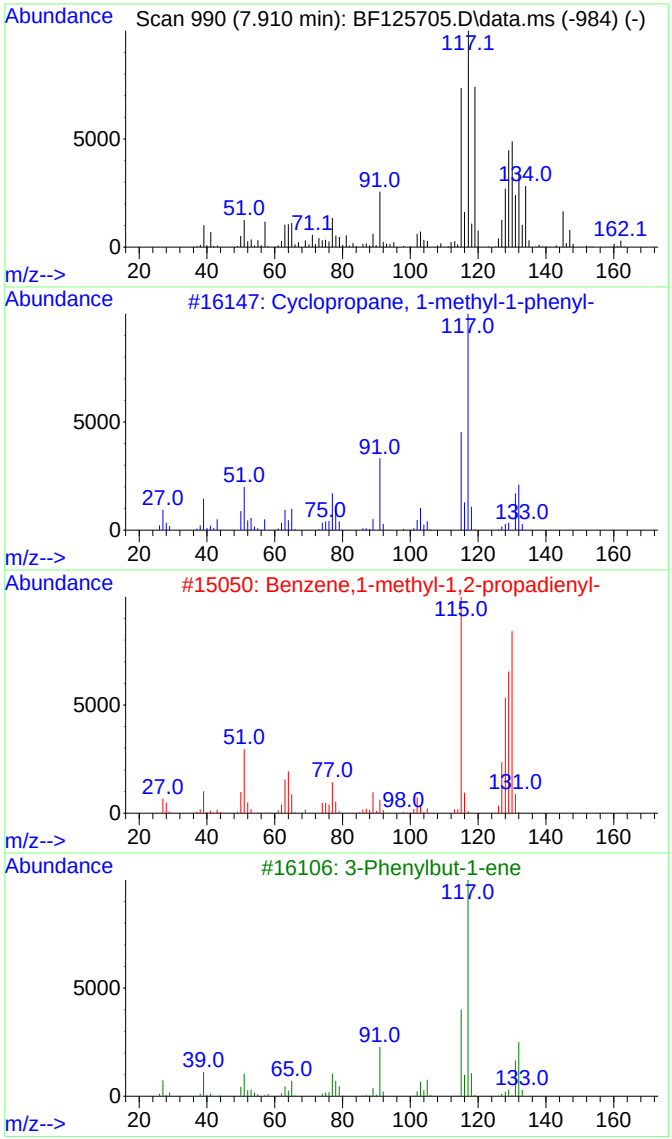
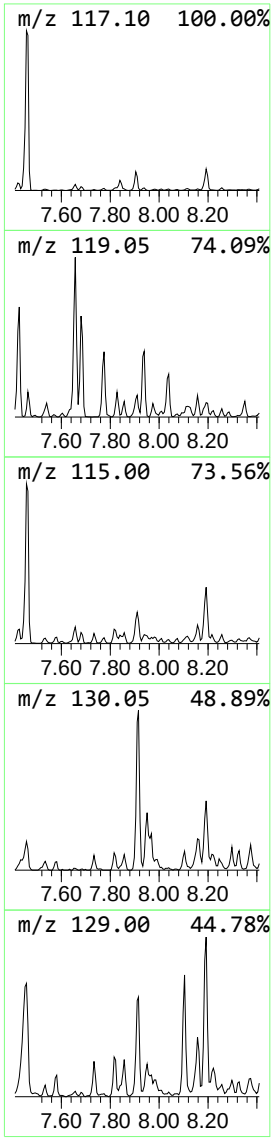
Peak Number 14 unknown7.910 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	7.65 ng	1308650	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	42
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	42
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	38
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	35
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	35





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Misc :
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Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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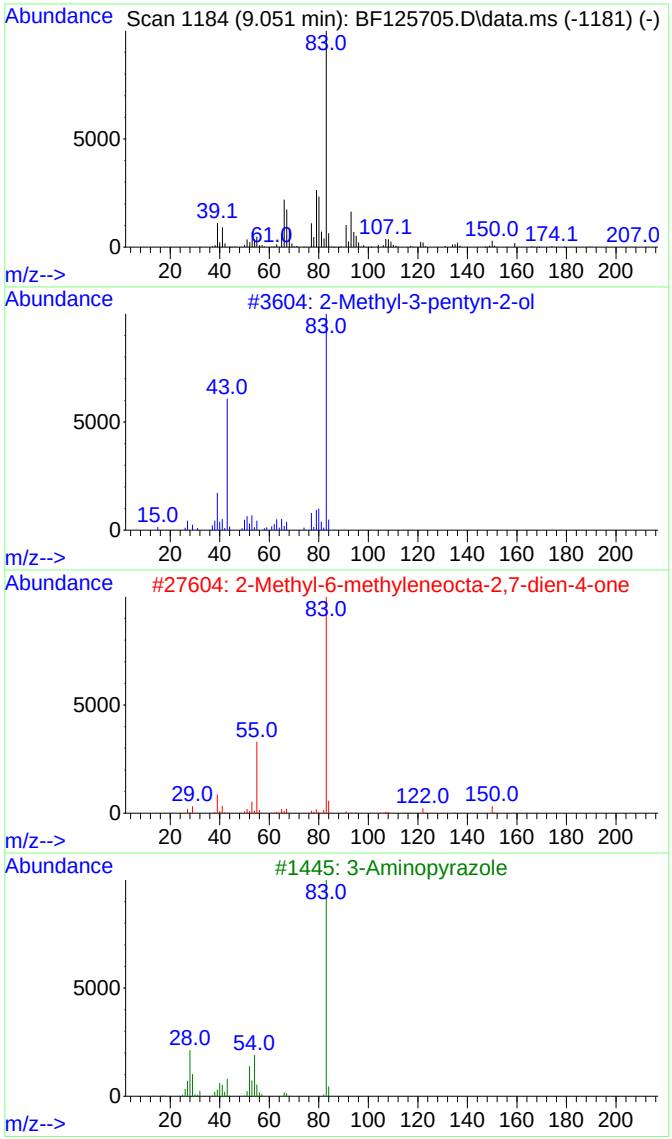
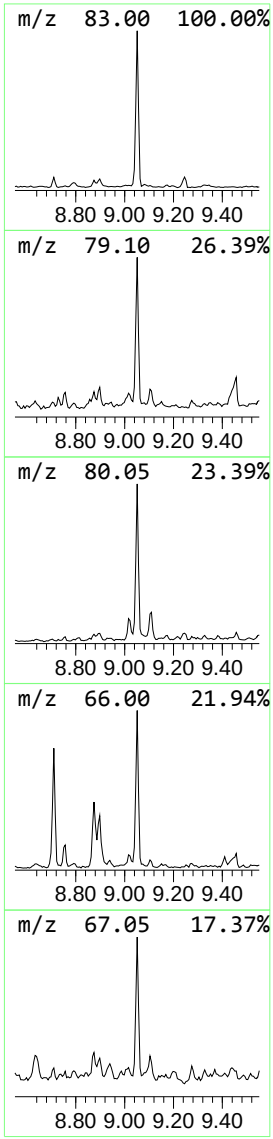
Peak Number 15 unknown9.051 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.051	8.92 ng	1268230	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-pentyn-2-ol	98	C6H10O	000590-38-5	38
2	2-Methyl-6-methyleneocta-2,7-die...	150	C10H14O	000539-70-8	22
3	3-Aminopyrazole	83	C3H5N3	001820-80-0	22
4	7-Propyl-cis-bicyclo[3.2.0]hept-...	150	C10H14O	054396-45-1	16
5	Dicyclohexyl sulfone	230	C12H22O2S	1000451-31-4	12





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMB-MW10-GW

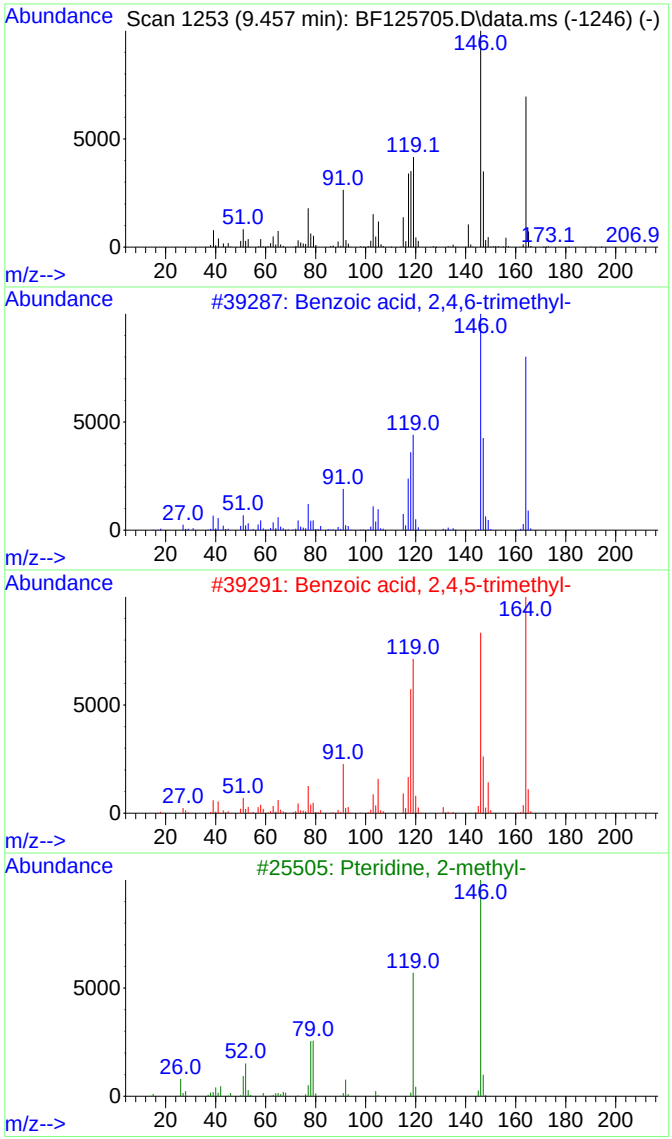
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

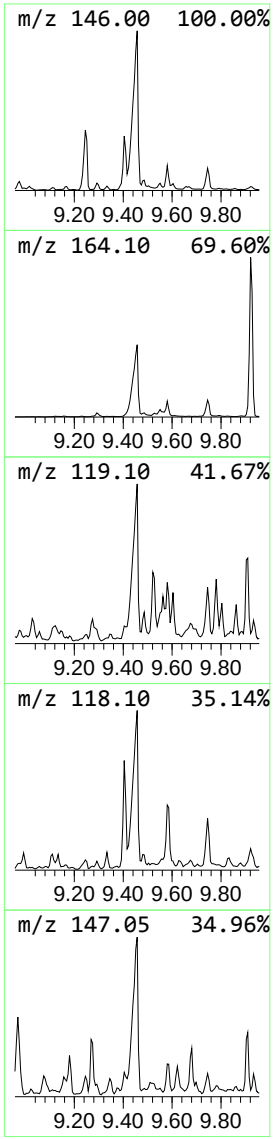
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	24.15 ng	3432430	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	93
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	50
3	Pteridine, 2-methyl-	146	C7H6N4	002432-20-4	38
4	4-Oxazolecarboxylic acid, 4,5-di...	233	C13H15NO3	037592-54-4	35
5	2-Ethyl-2-phenylaziridine	147	C10H13N	000768-82-1	30





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_F
ClientSampleId :
RAMB-MW10-GW

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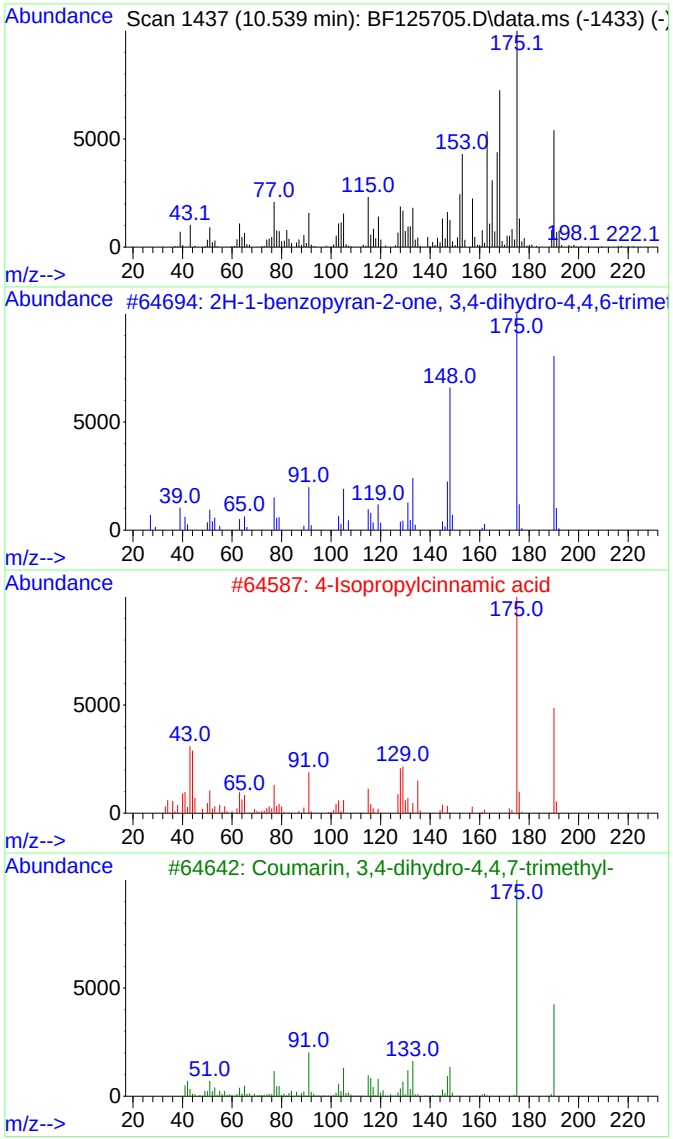
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

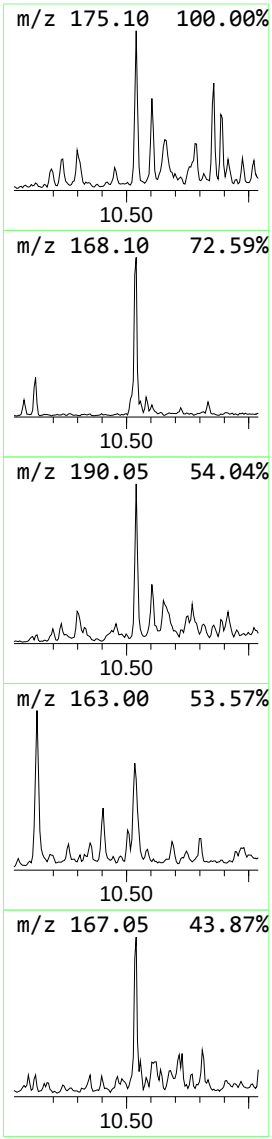
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2H-1-benzopyran-2-one, 3,4-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	6.58 ng	935349	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-benzopyran-2-one, 3,4-dihyd...	190	C12H14O2	1000400-21-5	51
2	4-Isopropylcinnamic acid	190	C12H14O2	003368-21-6	38
3	Coumarin, 3,4-dihydro-4,4,7-trim...	190	C12H14O2	105640-09-3	38
4	Benzene, 1,2,4,5-tetraethyl-	190	C14H22	000635-81-4	30
5	3-(4-Hydroxy-3,5-dimethylphenyl)...	190	C12H14O2	1563758-12-2	30





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
RAMB-MW10-GW

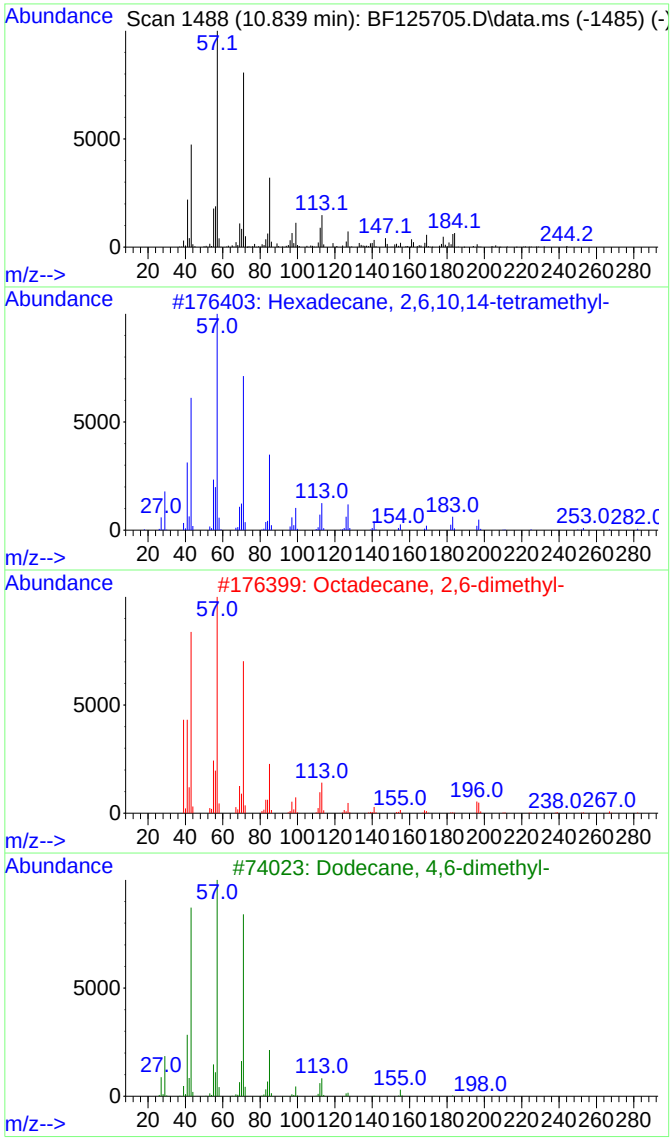
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

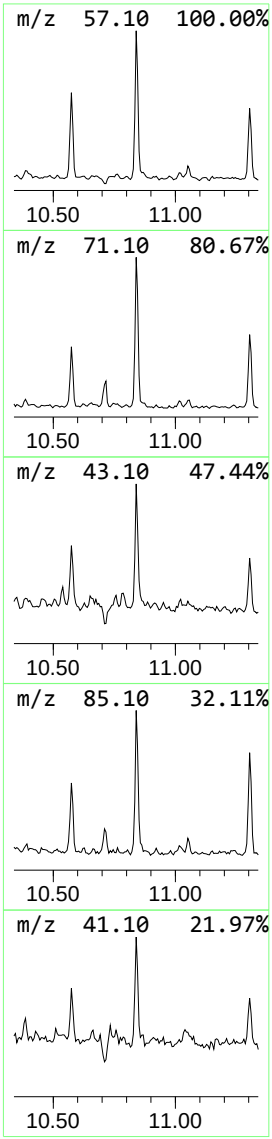
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	8.20 ng	913740	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

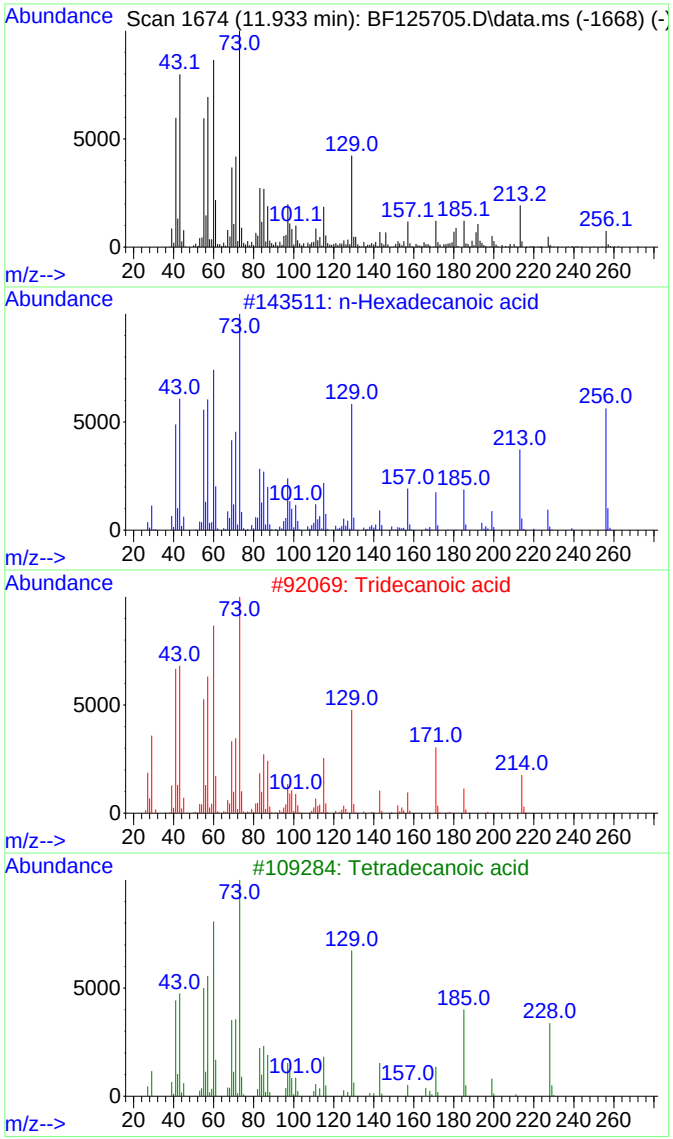
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

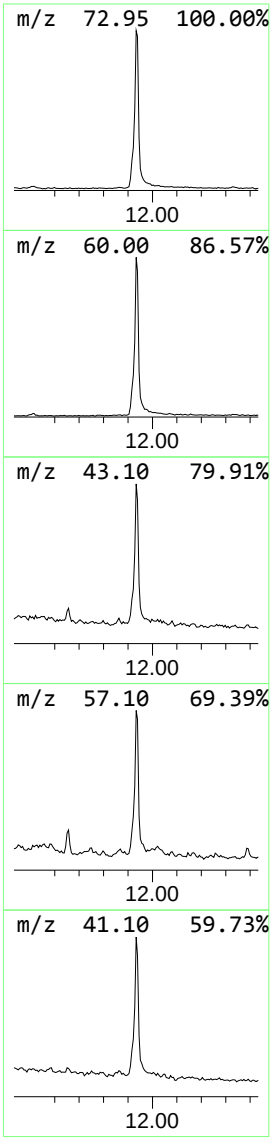
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	15.19 ng	1692900	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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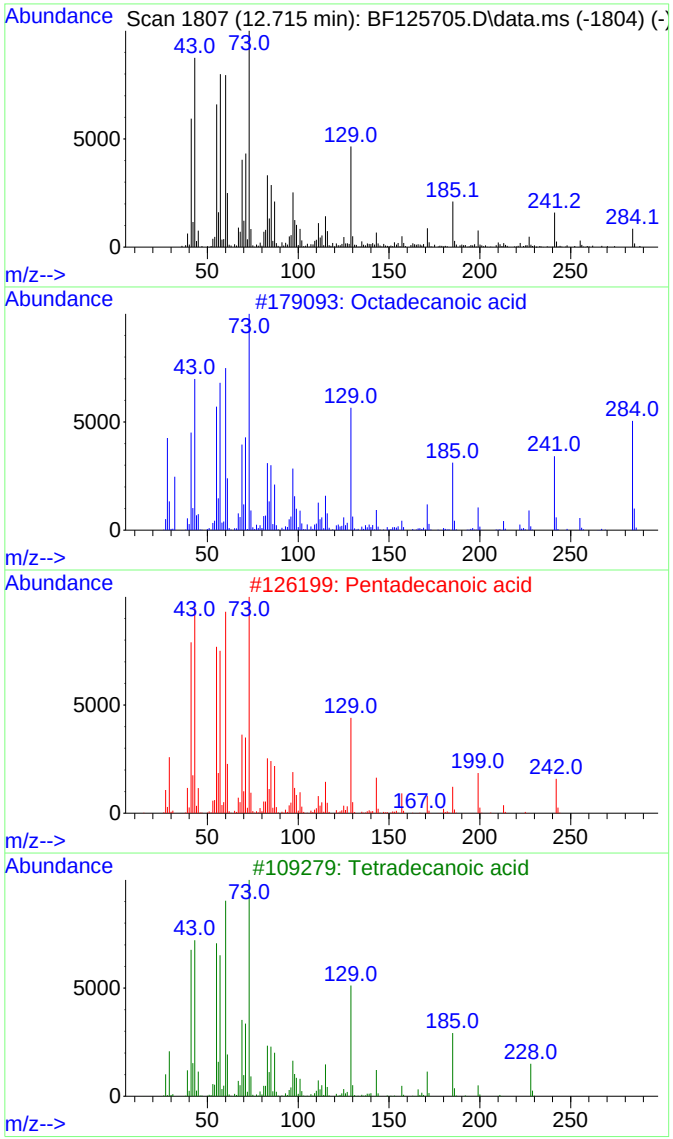
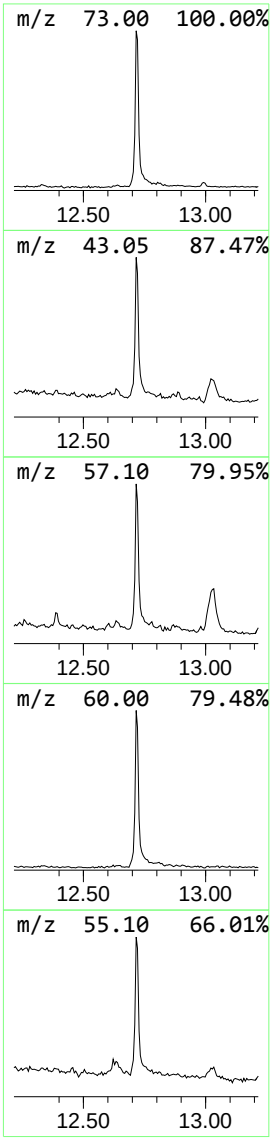
Peak Number 20 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	8.41 ng	936954	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125705.D
Acq On : 29 Sep 2021 11:12
Operator : JU/CG
Sample : M3960-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMB-MW10-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.210	81.2	ng	6173870	1	6.886	1521090	20.0
unknown4.522	4.522	7.0	ng	529705	1	6.886	1521090	20.0
Benzene, (1-met...	6.063	10.2	ng	777214	1	6.886	1521090	20.0
Benzene, 1-ethy...	6.575	7.1	ng	539036	1	6.886	1521090	20.0
Benzene, 1,1'-(...	7.069	30.6	ng	2324600	1	6.886	1521090	20.0
Benzene, 1,2-di...	7.139	22.2	ng	1688350	1	6.886	1521090	20.0
Benzene, 1,4-di...	7.210	14.4	ng	1096510	1	6.886	1521090	20.0
Benzene, 1,3-di...	7.228	7.3	ng	552601	1	6.886	1521090	20.0
3a,4,5,6,7,7a-H...	7.369	10.1	ng	764008	1	6.886	1521090	20.0
Benzene, 1,2,4,...	7.657	9.0	ng	1541380	2	8.169	3421340	20.0
Benzene, (2-met...	7.822	7.0	ng	1205720	2	8.169	3421340	20.0
unknown7.910	7.910	7.7	ng	1308650	2	8.169	3421340	20.0
unknown9.051	9.051	8.9	ng	1268230	3	9.922	2843020	20.0
Benzoic acid, 2...	9.457	24.1	ng	3432430	3	9.922	2843020	20.0
2H-1-benzopyran...	10.539	6.6	ng	935349	3	9.922	2843020	20.0
Hexadecane, 2,6...	10.839	8.2	ng	913740	4	11.410	2228890	20.0
n-Hexadecanoic ...	11.933	15.2	ng	1692900	4	11.410	2228890	20.0
Octadecanoic acid	12.716	8.4	ng	936954	4	11.410	2228890	20.0