LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP03A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134736.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	13	16	35	rVB5	48950	124391	4.44%	0.371%
2	5.034	498	501	506	rVB	43055	47012	1.68%	0.140%
3	5.428	564	568	572	rBV	2862966	2802439	100.00%	8.365%
4	6.434	734	739	742	rBV	2885702	2760884	98.52%	8.241%
5	6.628	768	772	777	rBV3	32376	38038	1.36%	0.114%
6	6.798	797	801	804	rBV	1455595	1118896	39.93%	3.340%
7	7.075	845	848	851	rVB	75846	63759	2.28%	0.190%
8	7.116	851	855	858	rBV	200500	158362	5.65%	0.473%
9	7.186	864	867	873	rVB	64775	60234	2.15%	0.180%
10	7.263	876	880	882	rBV	162211	143201	5.11%	0.427%
11	7.286	882	884	887	rVB	185307	143983	5.14%	0.430%
12	7.334	888	892	893	rBV	458587	381281	13.61%	1.138%
13	7.357	893	896	899	rVB	1960856	1649178	58.85%	4.922%
14	7.445	906	911	914	rBV2	126700	130472	4.66%	0.389%
15	7.481	914	917	919	rVV	161426	137660	4.91%	0.411%
16	7.510	919	922	925	rVB2	66918	65492	2.34%	0.195%
17	7.563	925	931	933	rBV	491055	426313	15.21%	1.272%
18	7.592	933	936	939	rVB	736679	599758	21.40%	1.790%
19	7.681	945	951	953	rBV	140809	128885	4.60%	0.385%
20	7.704	953	955	957	rVV	128528	98627	3.52%	0.294%
21	7.734	957	960	961	rVV2	237153	212248	7.57%	0.634%
22	7.751	961	963	965	rVV	240693	211411	7.54%	0.631%
23	7.816	968	974	977	rVV3	645511	745093	26.59%	2.224%
24	7.845	977	979	983	rVV	294927	246389	8.79%	0.735%
25	7.892	983	987	993	rVB3	155804	260448	9.29%	0.777%
26	7.945	993	996	999	rBV	257171	197578	7.05%	0.590%
27	8.022	1004	1009	1013	rBV3	60554	73536	2.62%	0.219%
28	8.075	1013	1018	1020	rBV	1734600	1569517	56.01%	4.685%
29	8.098	1020	1022	1026	rVB2	521163	462831	16.52%	1.381%
30	8.163	1031	1033	1036	rVB	129224	100945	3.60%	0.301%
31	8.251	1046	1048	1054	rVB2	29571	37428	1.34%	0.112%
32	8.339	1060	1063	1064	rBV2	37813	35132	1.25%	0.105%
33	8.463	1081	1084	1088	rVB2	56641	52758	1.88%	0.157%
34	8.633	1111	1113	1116	rVB	52329	39986	1.43%	0.119%
35	8.669	1116	1119	1122	rBV2	82446	73772	2.63%	0.220%
36	8.786	1137	1139	1142	rVB	128989	100483	3.59%	0.300%

LSC Area Percent Report

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Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.886	1153	1156	1161	rVB	84927	68364	2.44%	0.204%
38	8.951	1165	1167	1169	rBV	58863	58202	2.08%	0.174%
39	9.004	1174	1176	1178	rVB	44051	32719	1.17%	0.098%
40	9.033	1178	1181	1185	rBV	90243	87036	3.11%	0.260%
41	9.075	1185	1188	1190	rBV	94313	82802	2.95%	0.247%
42	9.098	1190	1192	1195	rVB	136871	117585	4.20%	0.351%
43	9.151	1195	1201	1204	rBV	3184119	2669889	95.27%	7.969%
44	9.239	1212	1216	1219	rBV	644498	602401	21.50%	1.798%
45	9.275	1219	1222	1225	rVB3	74664	82824	2.96%	0.247%
46	9.351	1233	1235	1238	rVB2	69099	61488	2.19%	0.184%
47	9.398	1238	1243	1246	rBV5	63401	118879	4.24%	0.355%
48	9.428	1246	1248	1250	rVV	74992	64682	2.31%	0.193%
49	9.463	1250	1254	1256	rVV3	65045	93671	3.34%	0.280%
50	9.492	1256	1259	1261	rVV2	165113	199474	7.12%	0.595%
51	9.516	1261	1263	1265	rVV	146060	125835	4.49%	0.376%
52	9.557	1265	1270	1272	rVV2	376873	486611	17.36%	1.452%
53	9.580	1272	1274	1278	rVV	177326	195278	6.97%	0.583%
54	9.616	1278	1280	1283	rVV	141888	129280	4.61%	0.386%
55	9.645	1283	1285	1287	rVV2	50532	54957	1.96%	0.164%
56	9.692	1291	1293	1298	rBV4	48895	93179	3.32%	0.278%
57	9.739	1298	1301	1303	rVV2	95072	102320	3.65%	0.305%
58	9.769	1303	1306	1310	rVV	895044	702217	25.06%	2.096%
59	9.810	1310	1313	1314	rVV2	119633	138570	4.94%	0.414%
60	9.833	1314	1317	1322	rVV	1699817	1480477	52.83%	4.419%
61	9.875	1322	1324	1326	rVB2	51390	37033	1.32%	0.111%
62	9.939	1333	1335	1339	rVB2	47514	44271	1.58%	0.132%
63	9.998	1341	1345	1348	rVV2	104914	150585	5.37%	0.449%
64	10.027	1348	1350	1353	rVV	109807	105230	3.75%	0.314%
65	10.057	1353	1355	1358	rVV2	80028	67064	2.39%	0.200%
66	10.092	1358	1361	1364	rVV2	154336	154759	5.52%	0.462%
67	10.127	1364	1367	1369	rVB	60603	50255	1.79%	0.150%
68	10.204	1378	1380	1384	rVB3	31861	44618	1.59%	0.133%
69	10.269	1388	1391	1394	rVV	470653	371239	13.25%	1.108%
70	10.298	1394	1396	1399	rVV3	45227	54069	1.93%	0.161%
71	10.322	1399	1400	1406	rVB4	35215	40364	1.44%	0.120%
72	10.486	1424	1428	1431	rBV	101416	119874	4.28%	0.358%
73	10.622	1446	1451	1454	rBV	1749917	1578625	56.33%	4.712%
74	10.745	1469	1472	1481	rVB	136454	184300	6.58%	0.550%
75	11.322	1566	1570	1573	rBV	1454500	1278720	45.63%	3.817%
76	11.857	1657	1661	1665	rBV	529398	464885	16.59%	1.388%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.533	1773	1776	1780	rBV	162138	142569	5.09%	0.426%
78	12.645	1792	1795	1806	rBV	228099	257834	9.20%	0.770%
79	12.763	1810	1815	1819	rBV	156099	152458	5.44%	0.455%
80	12.916	1836	1841	1844	rBV	2542878	2311265	82.47%	6.899%
81	13.827	1992	1996	2004	rBV2	184182	212214	7.57%	0.633%
82	13.968	2015	2020	2023	rBV2	1097250	1217002	43.43%	3.632%
83	13.992	2023	2024	2030	rVB	93331	72738	2.60%	0.217%
84	14.074	2035	2038	2041	rVB3	41143	34851	1.24%	0.104%
85	14.451	2100	2102	2104	rBV3	35553	35343	1.26%	0.105%
86	14.833	2165	2167	2171	rVB	41165	39955	1.43%	0.119%
87	15.010	2193	2197	2205	rBV	62362	128738	4.59%	0.384%
88	15.310	2246	2248	2254	rVB	44213	47254	1.69%	0.141%
89	15.374	2256	2259	2263	rVB	48414	52825	1.88%	0.158%
90	15.439	2265	2270	2279	rBV	551907	705602	25.18%	2.106%

Sum of corrected areas: 33503699

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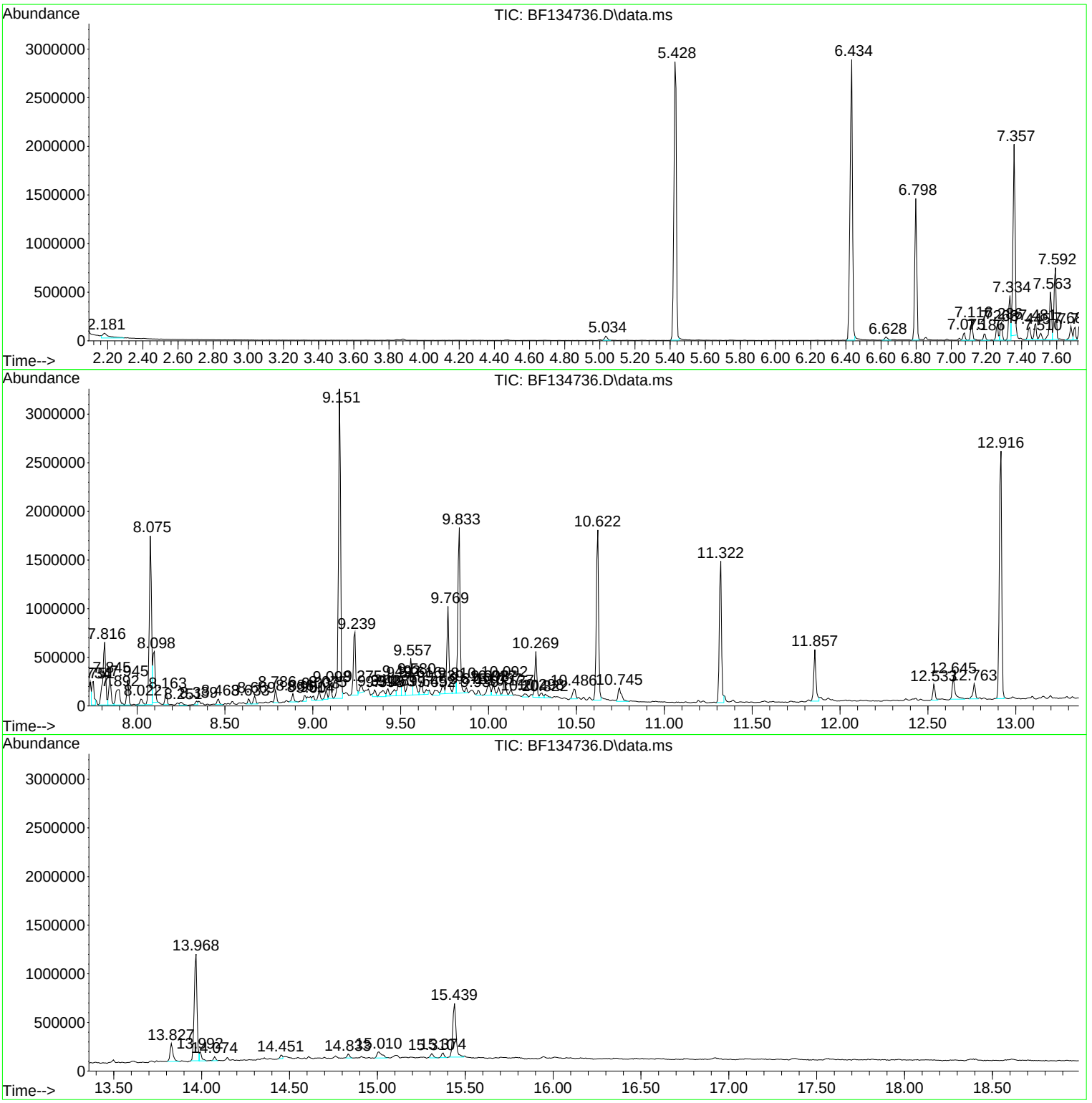
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
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Sample : 03971-08
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

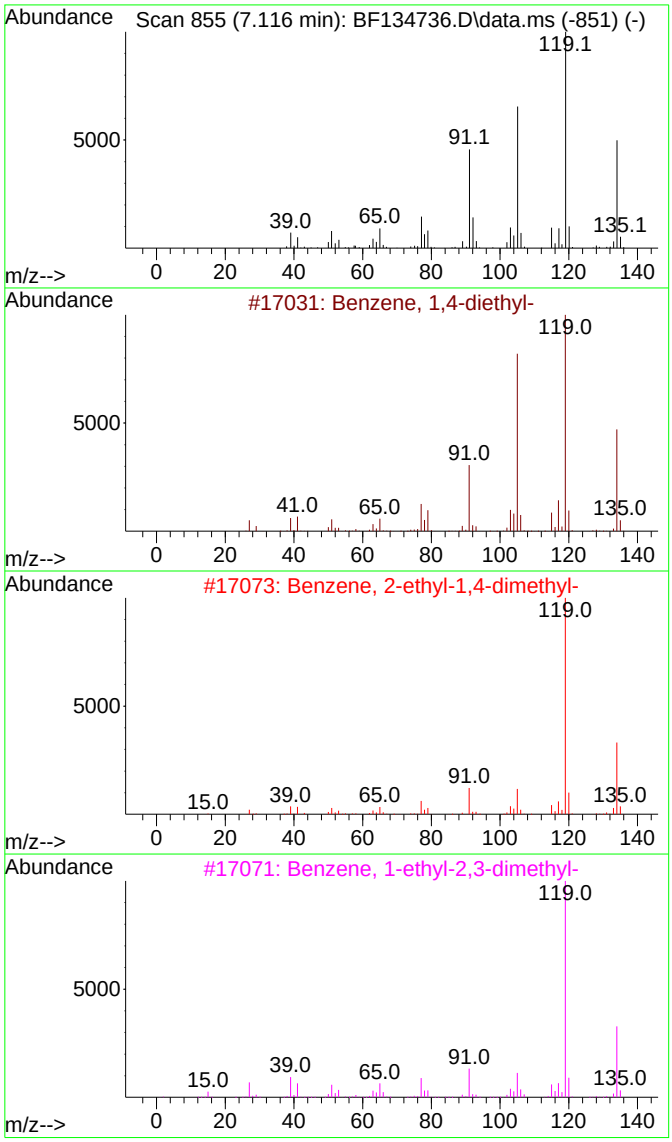
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

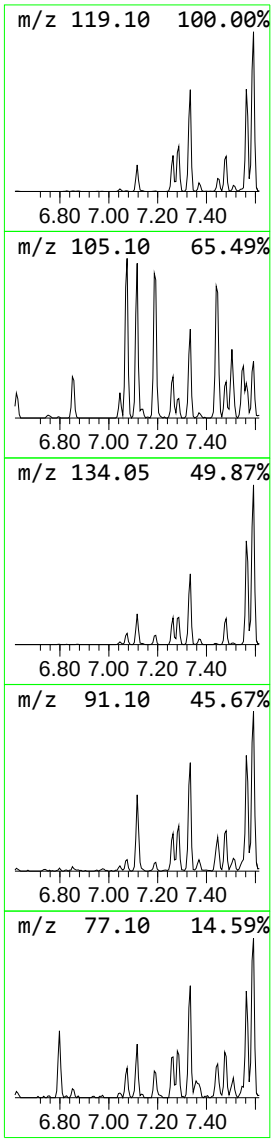
****

Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	2.83 ng	158362	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

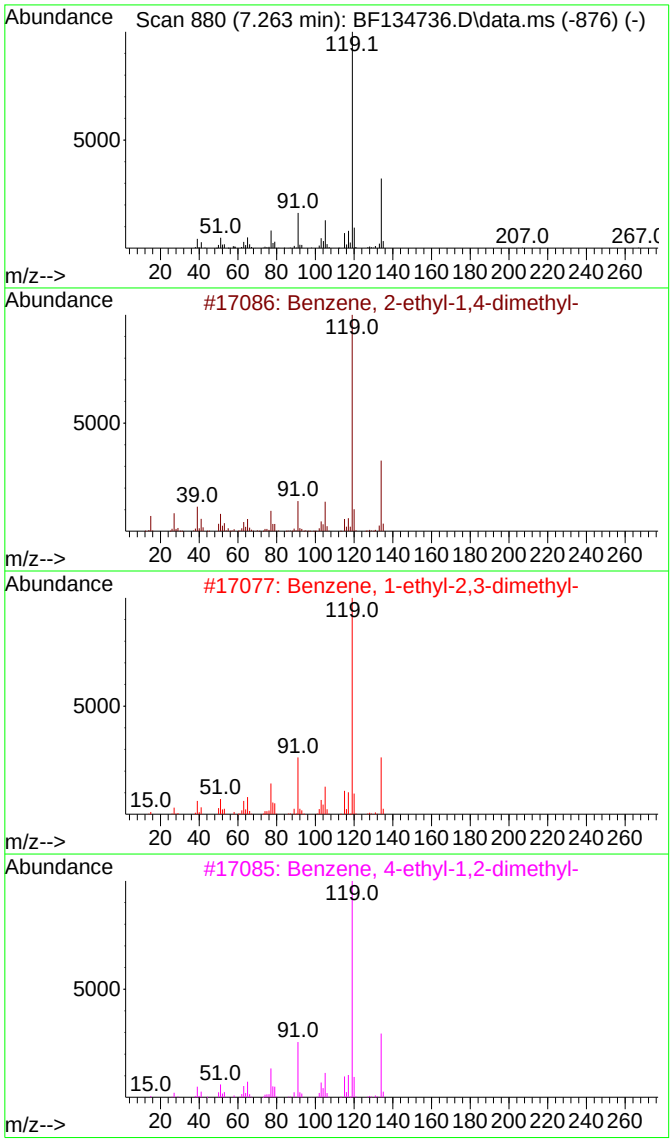
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

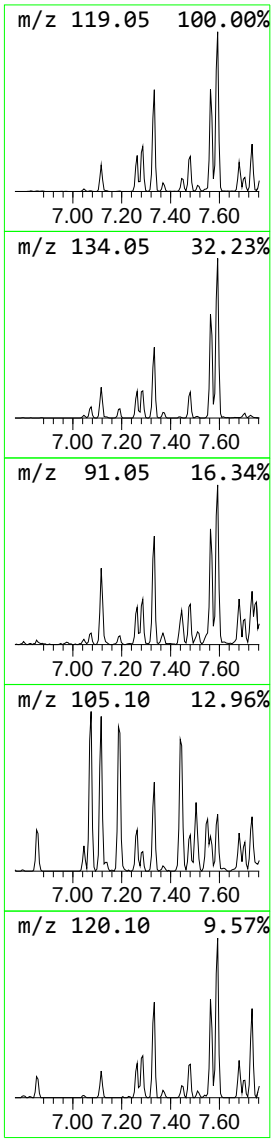
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	2.56 ng	143201	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Instrument :
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ClientSampleId :
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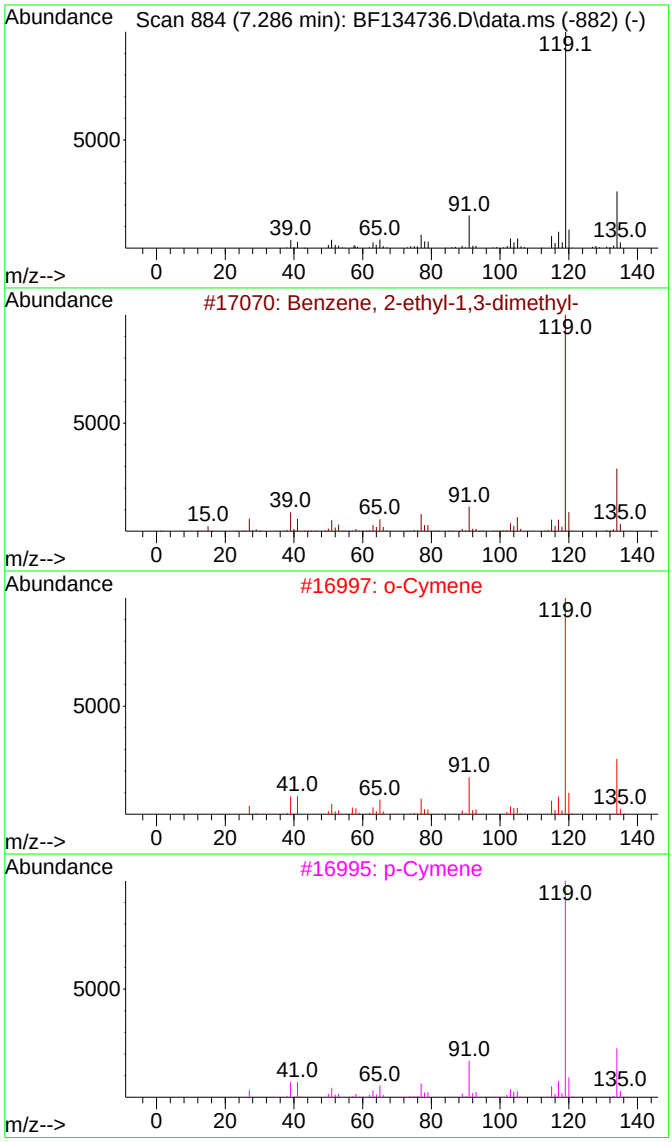
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

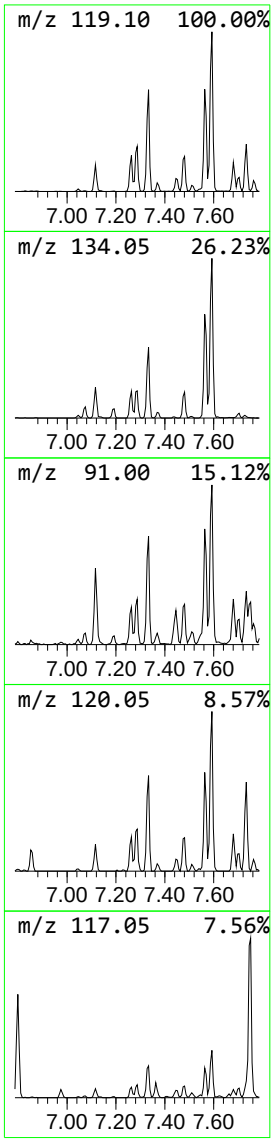
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.286	2.57 ng	143983	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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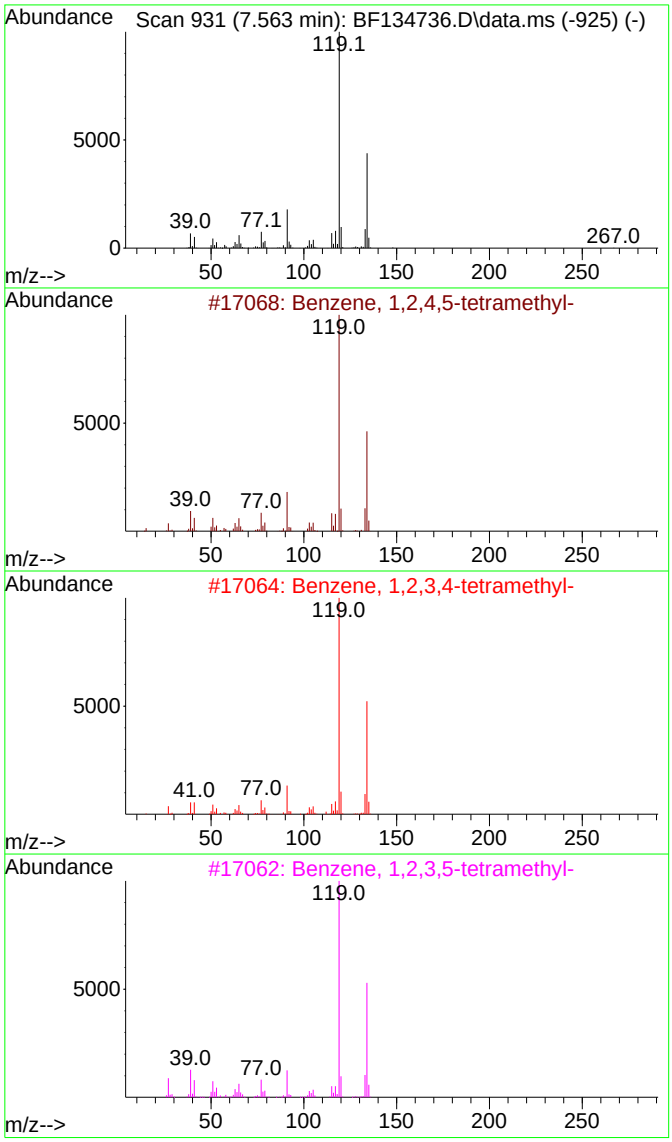
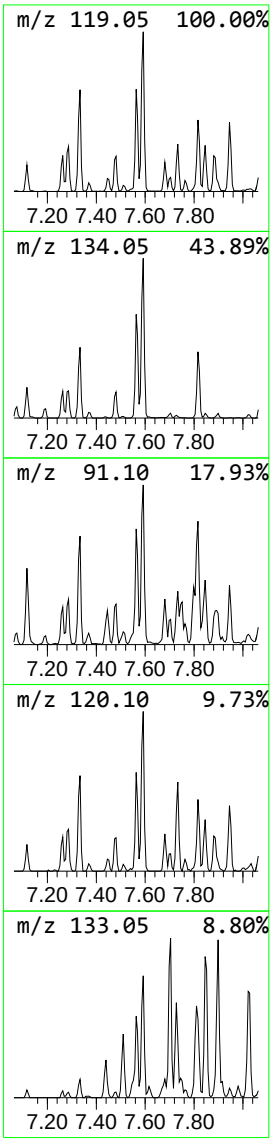
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	5.43 ng	426313	Naphthalene-d8	8.075

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	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Data File : BF134736.D
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Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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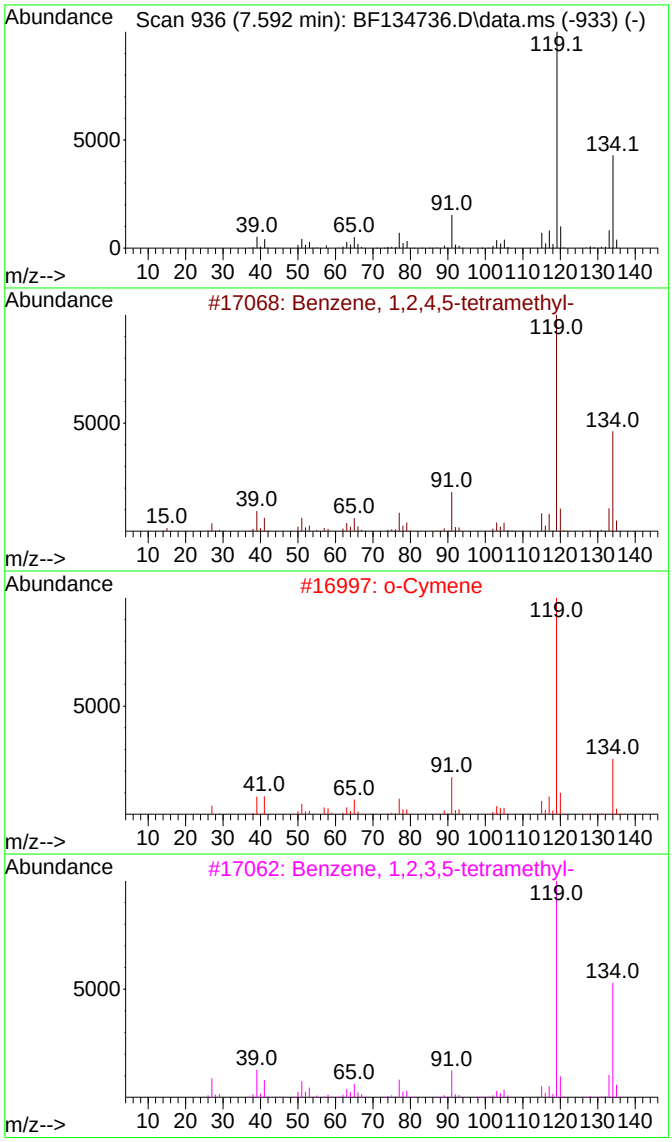
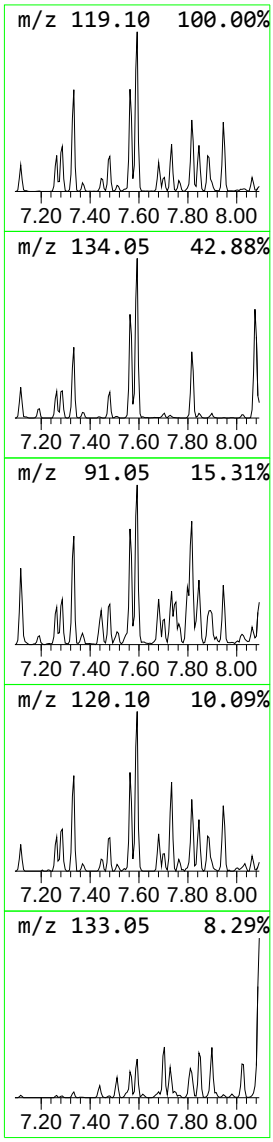
Peak Number 5 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.592	7.64 ng	599758	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	o-Cymene	134	C10H14	000527-84-4	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





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Data File : BF134736.D
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Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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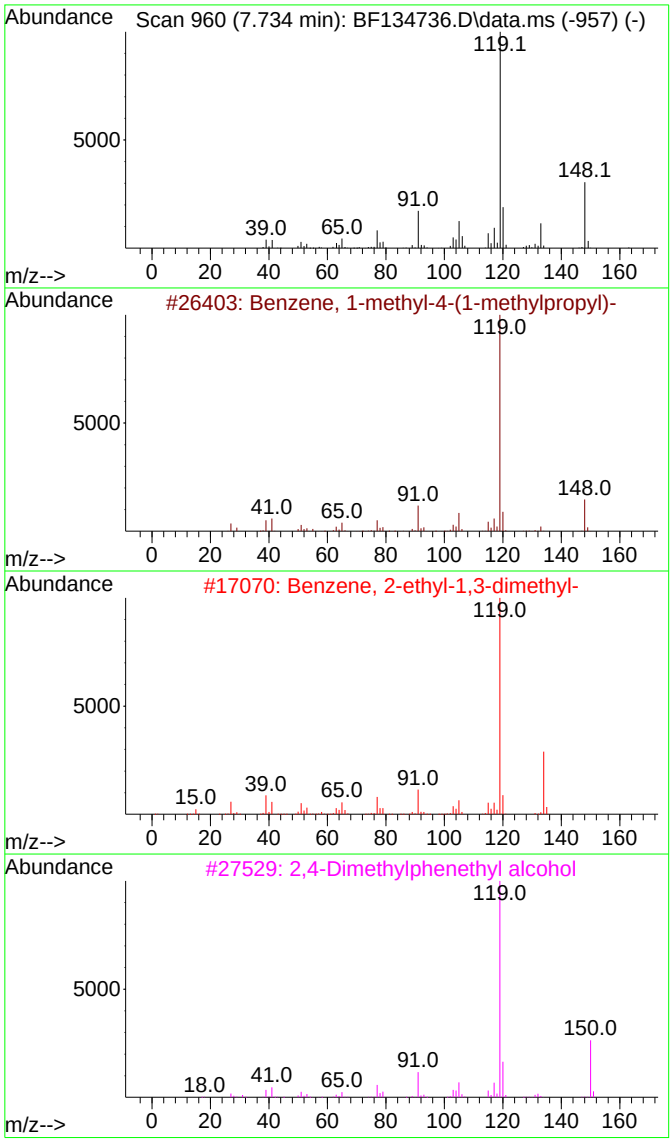
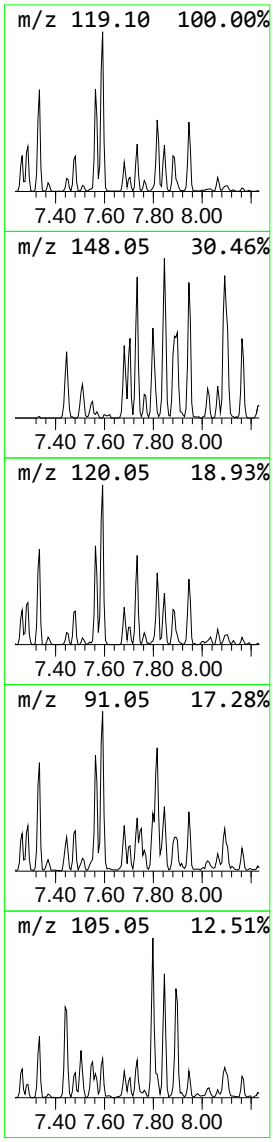
Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.734	2.70 ng	212248	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	74
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





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Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

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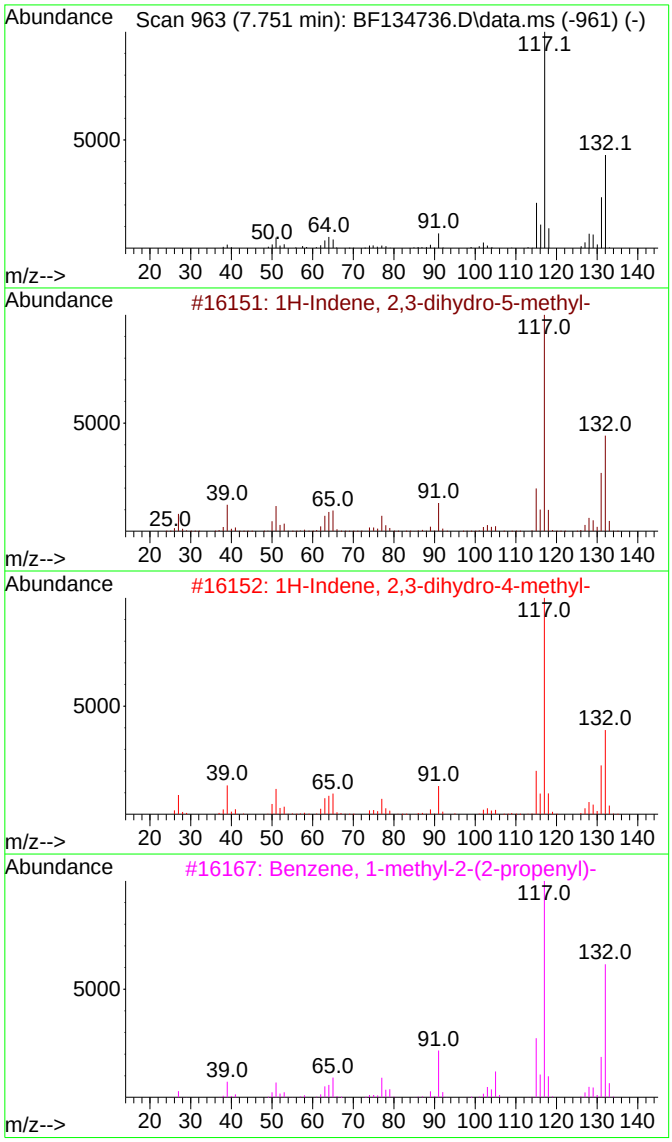
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

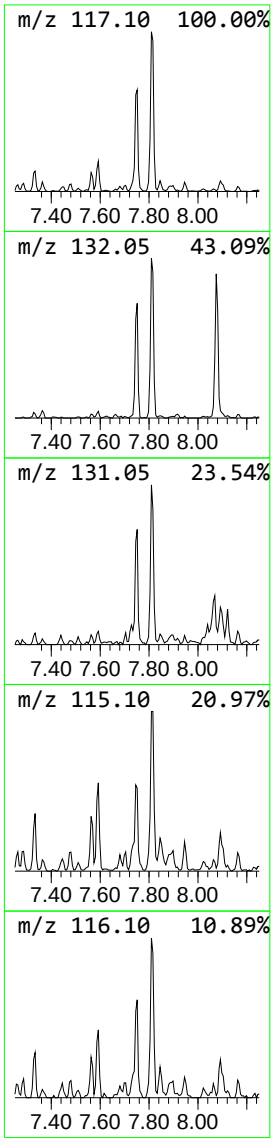
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	2.69 ng	211411	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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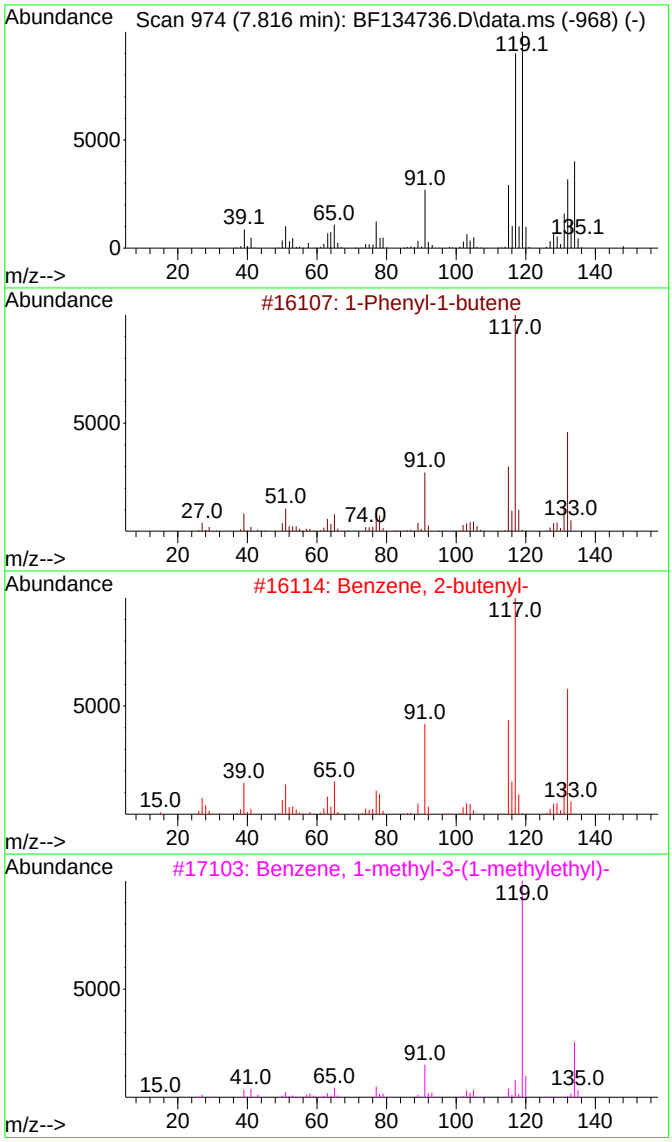
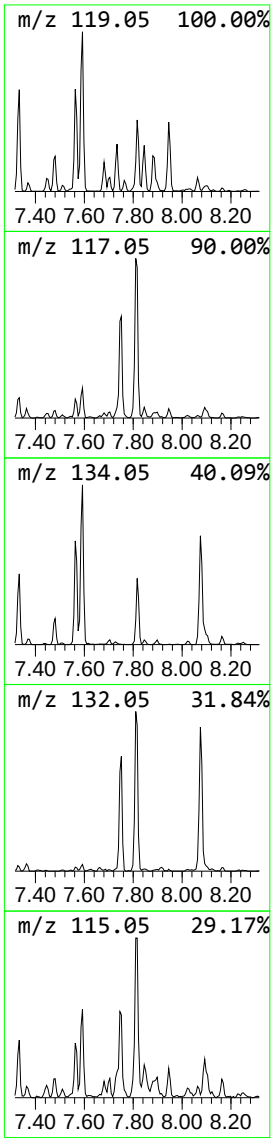
Peak Number 8 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	9.49 ng	745093	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





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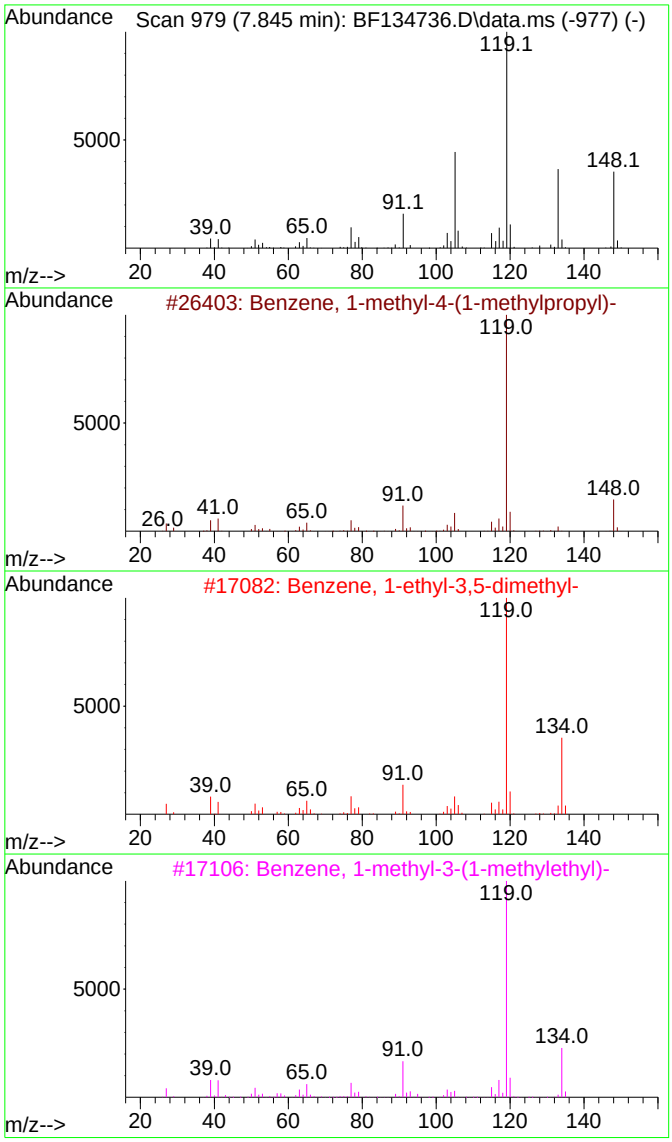
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

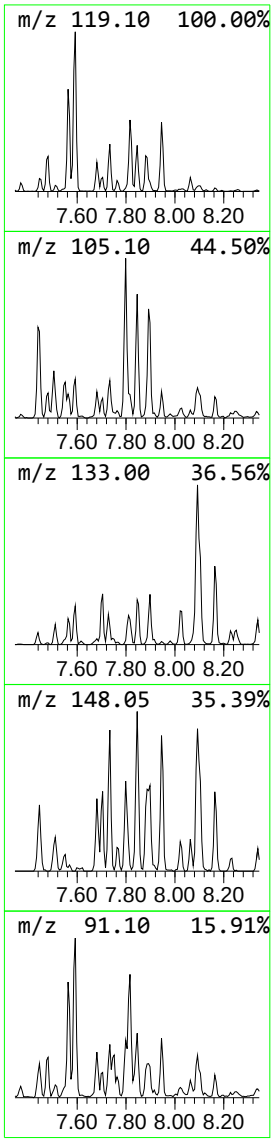
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	3.14 ng	246389	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62





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ClientSampleId :
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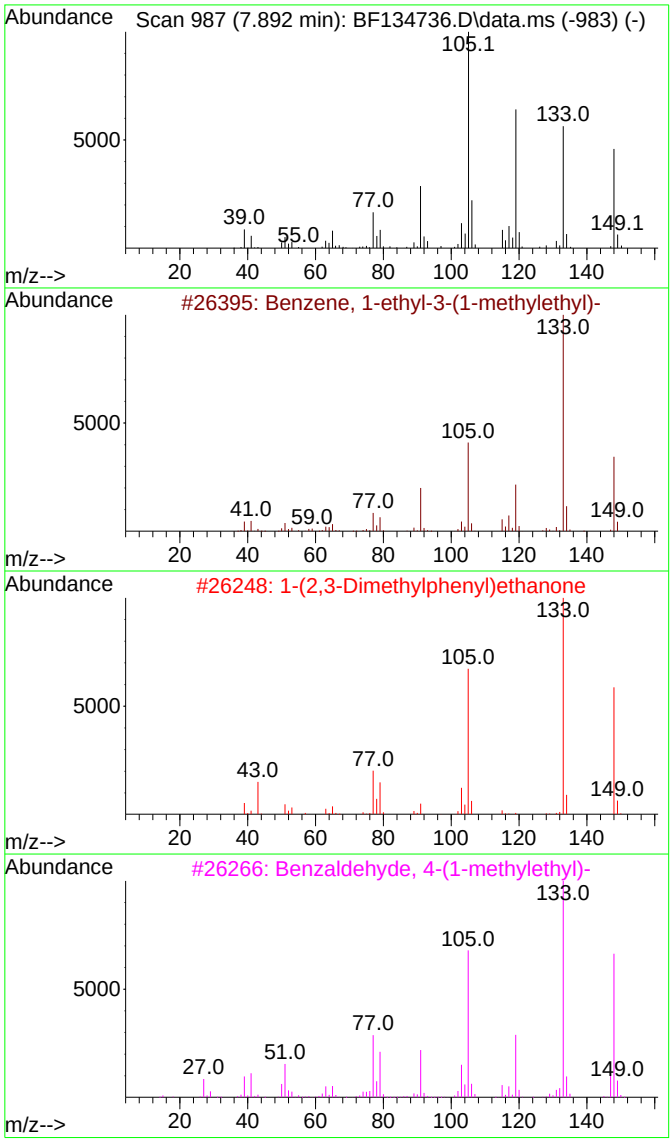
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

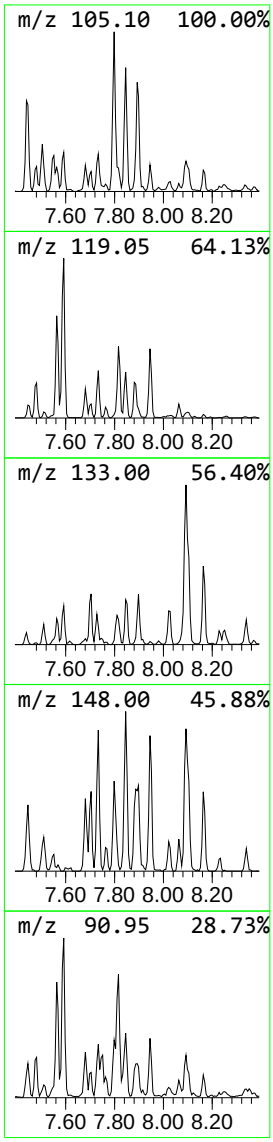
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.892	3.32 ng	260448	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
2	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	58
3	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	52
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	43





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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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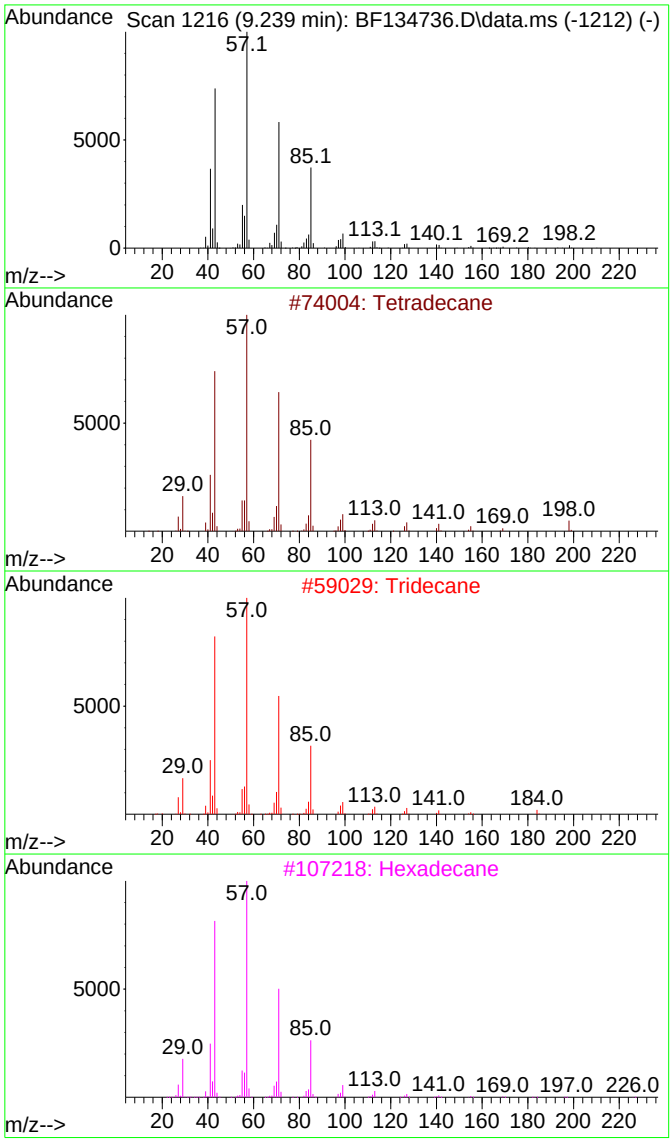
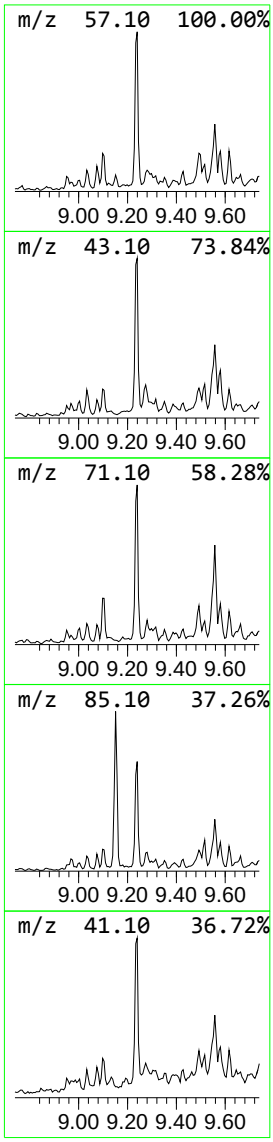
Peak Number 11 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	8.14 ng	602401	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64





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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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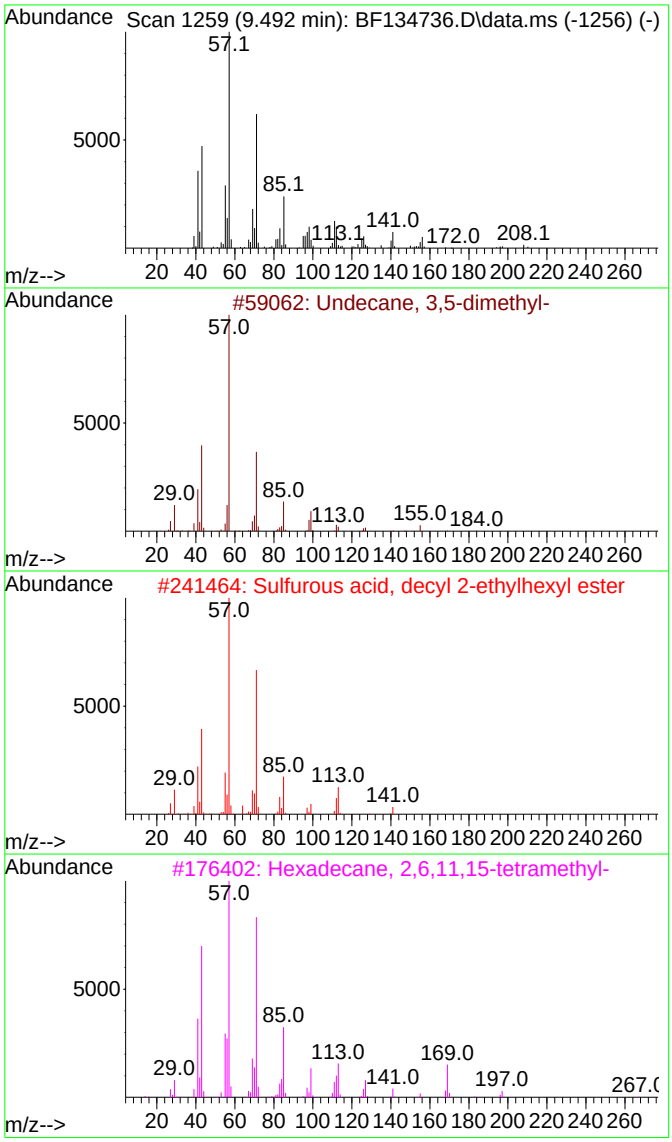
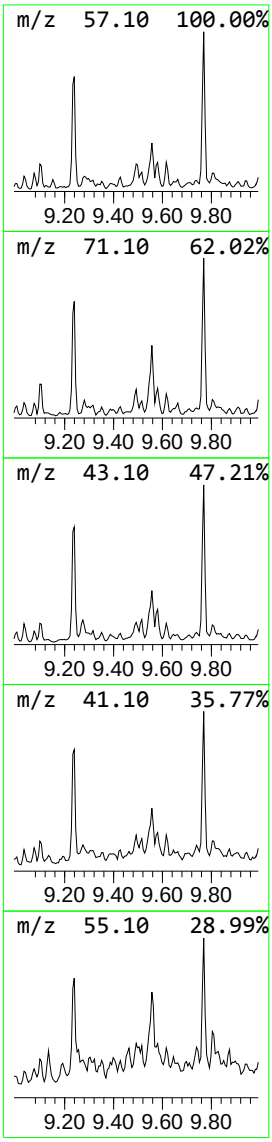
Peak Number 12 Undecane, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	2.69 ng	199474	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	50
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	47





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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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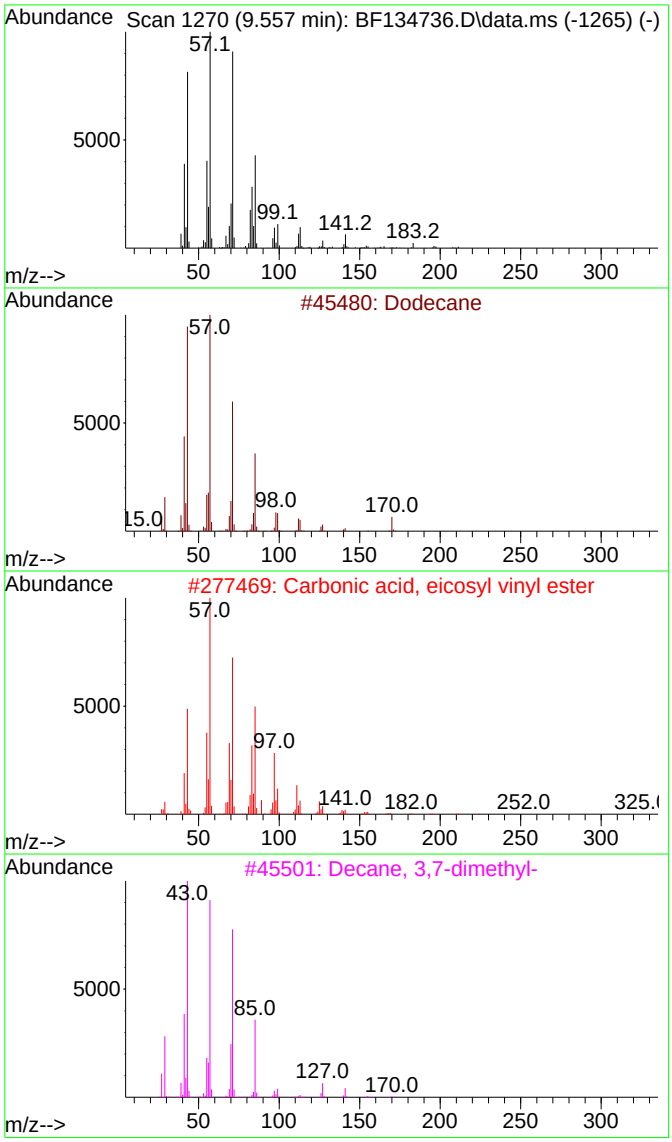
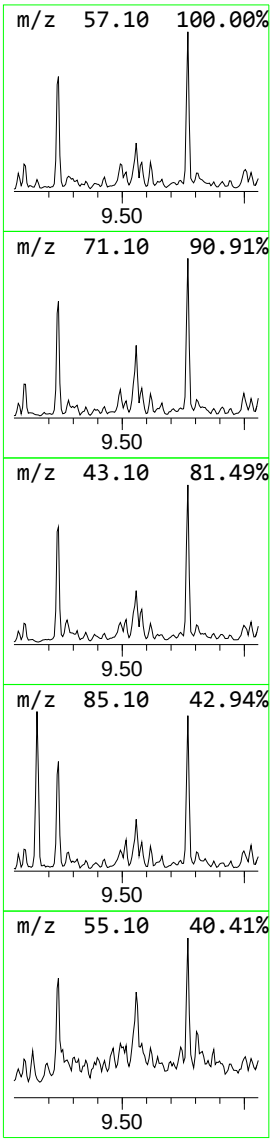
Peak Number 13 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	6.57 ng	486611	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	76
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64





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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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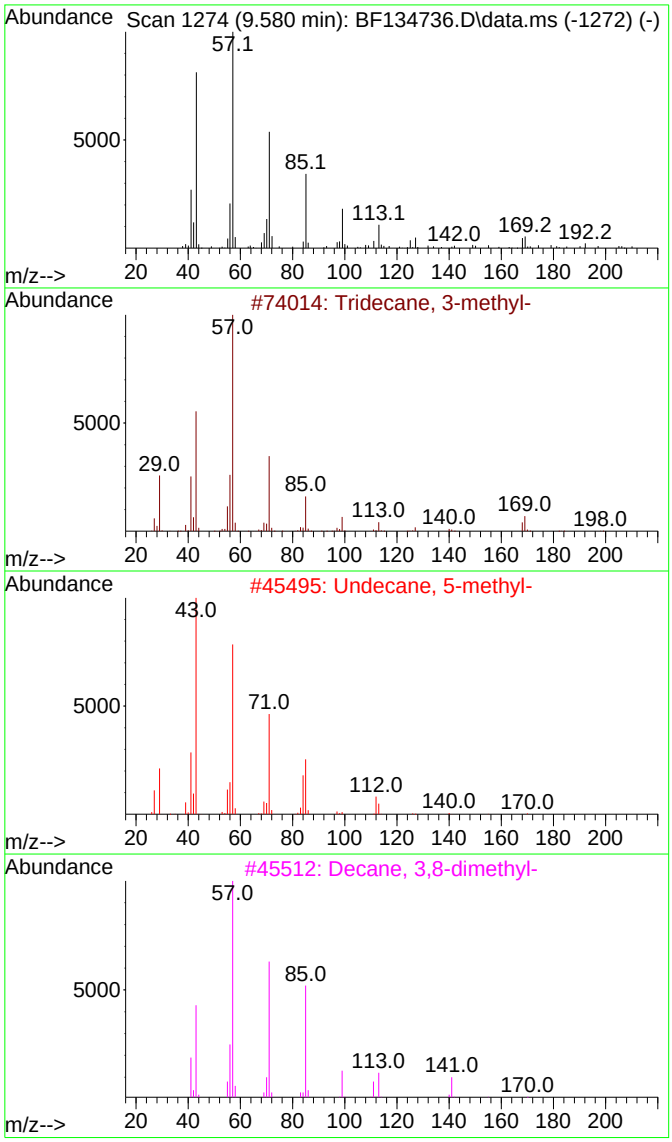
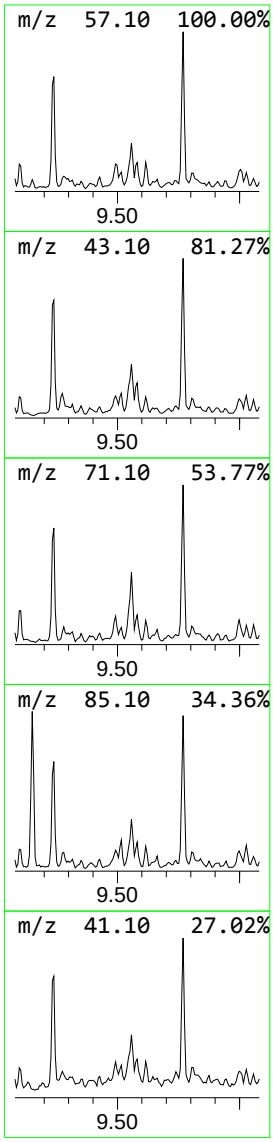
Peak Number 14 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	2.64 ng	195278	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
4	Undecane	156	C11H24	001120-21-4	64
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64





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

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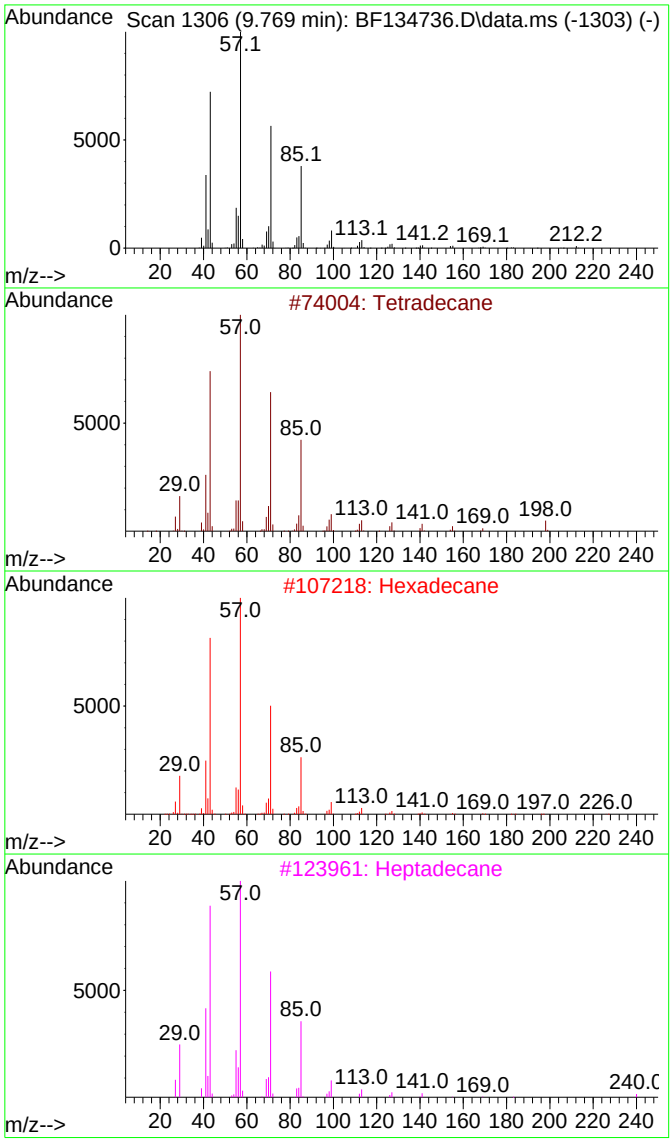
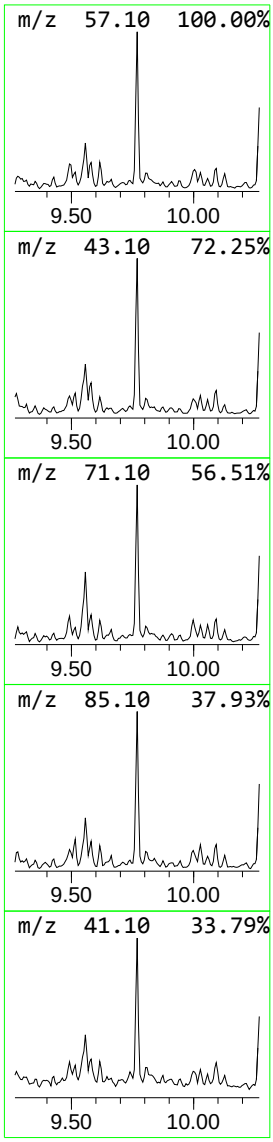
Peak Number 15 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	9.49 ng	702217	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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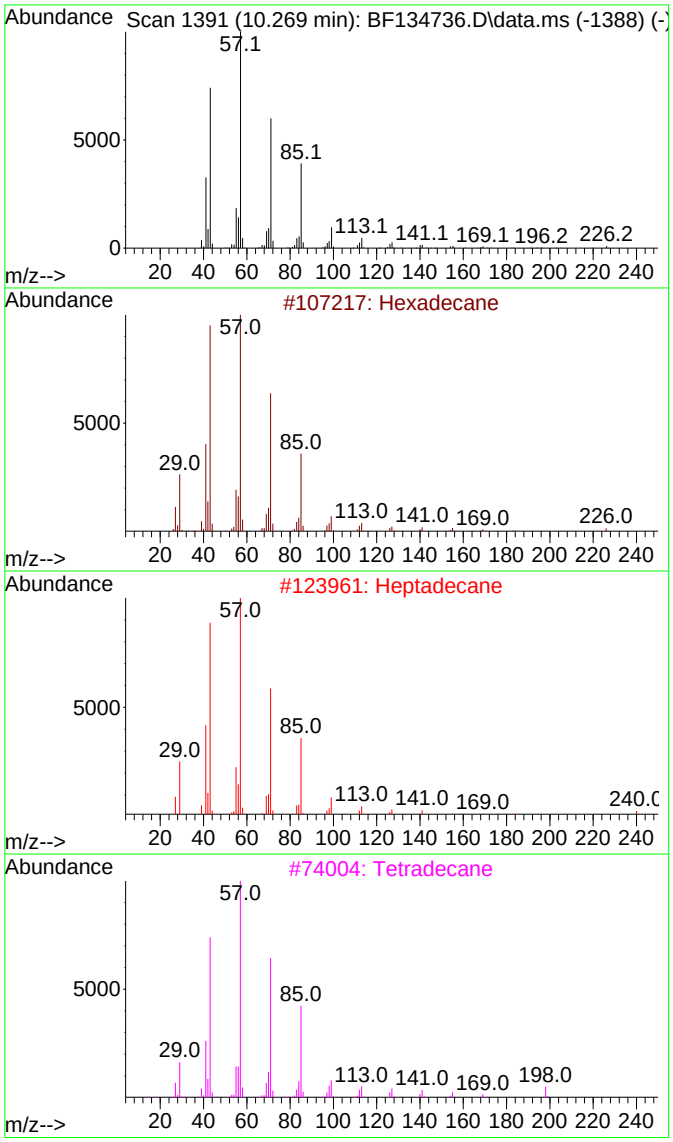
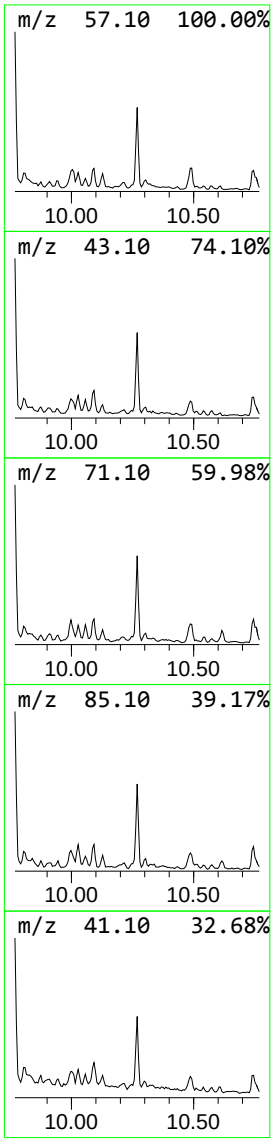
Peak Number 16 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	5.02 ng	371239	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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TIC Library : C:\Database\NIST20.L
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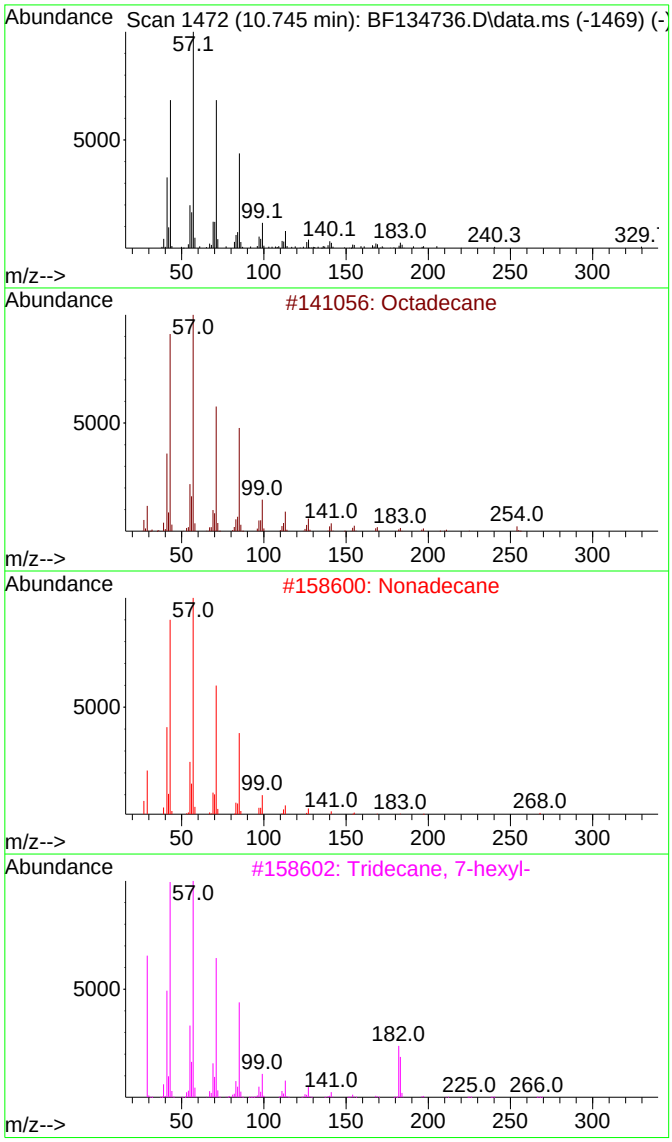
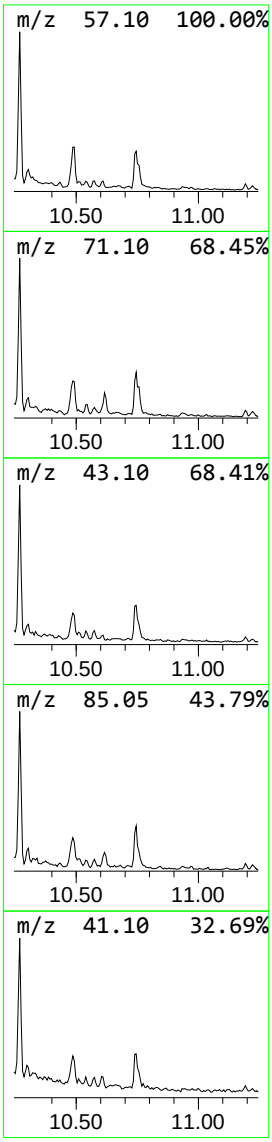
Peak Number 17 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	2.88 ng	184300	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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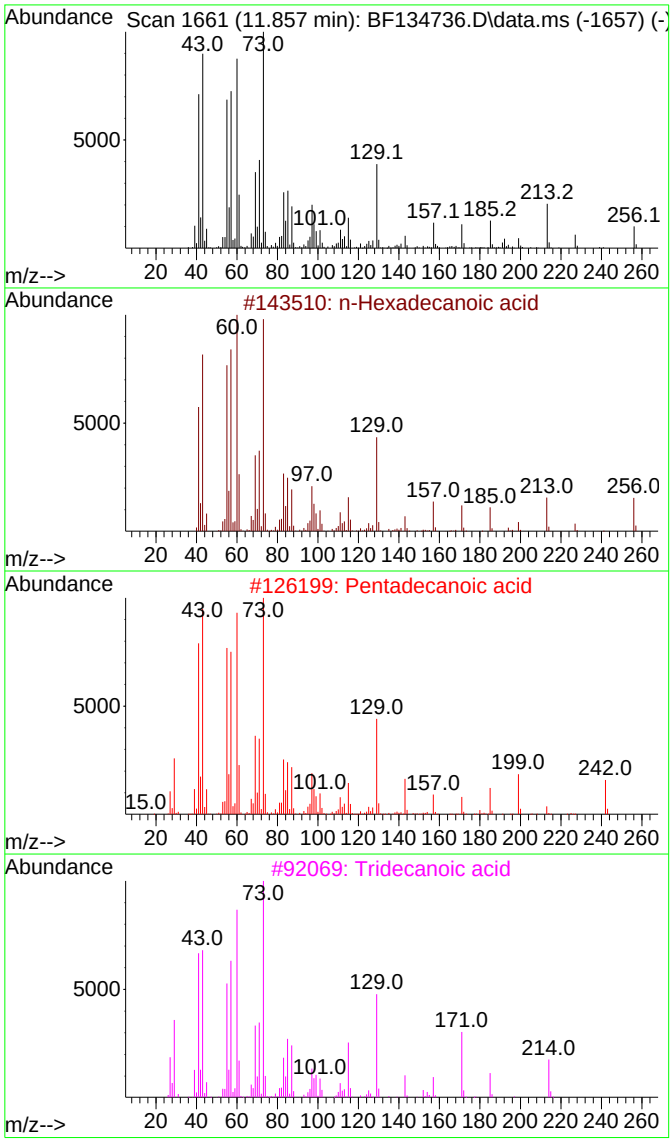
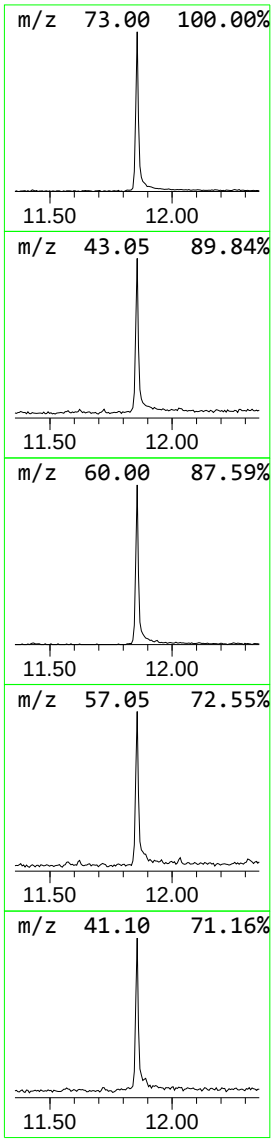
Peak Number 18 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	7.27 ng	464885	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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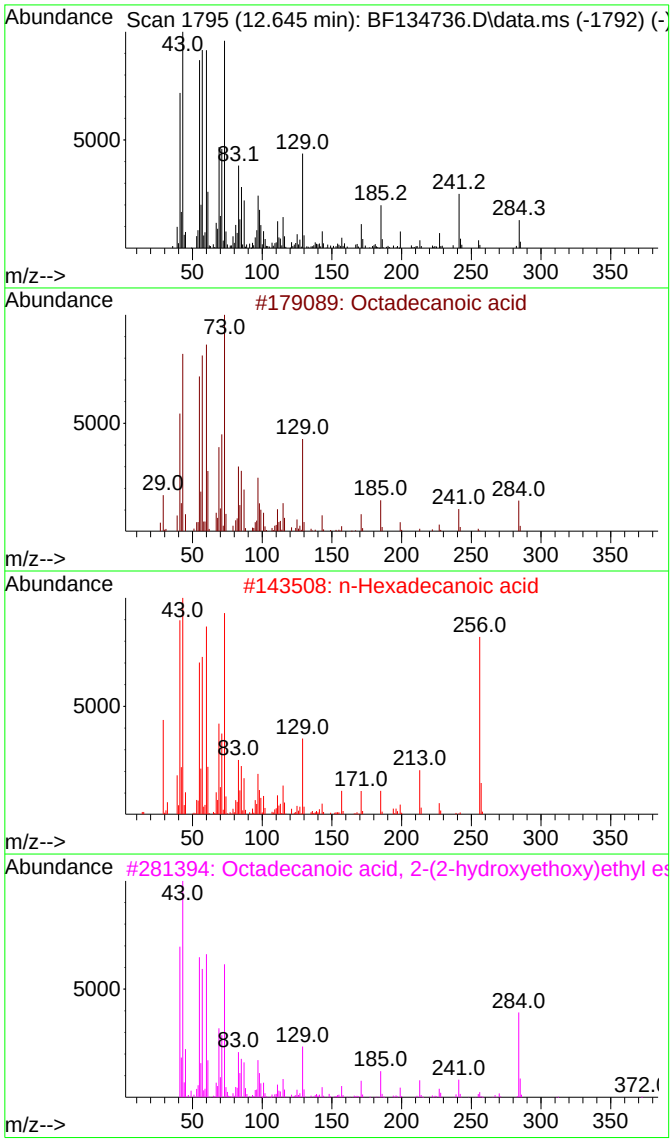
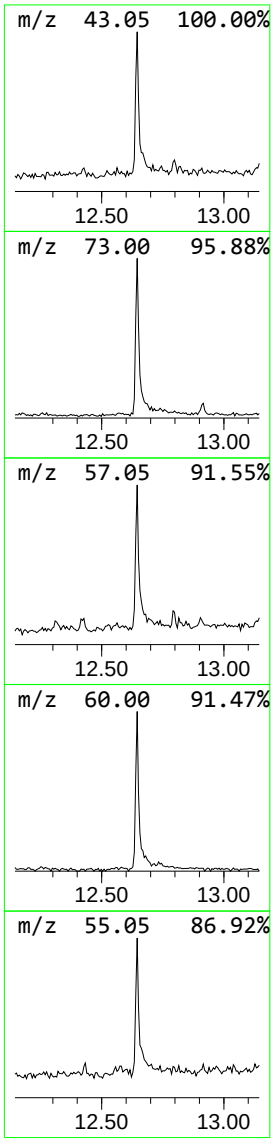
Peak Number 19 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	4.24 ng	257834	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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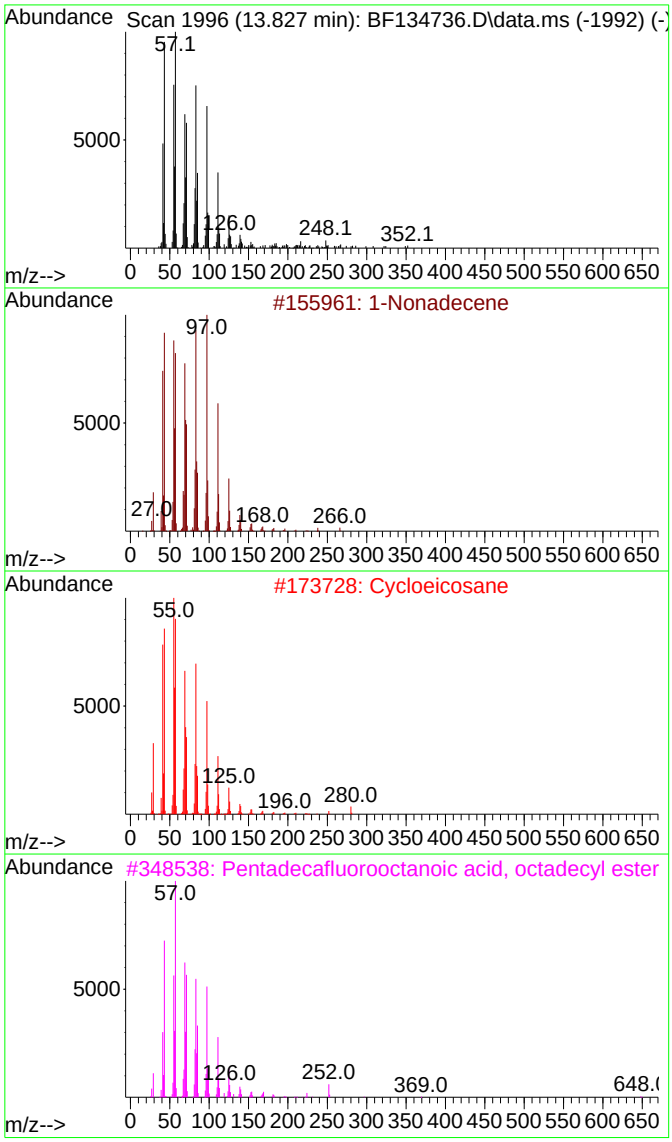
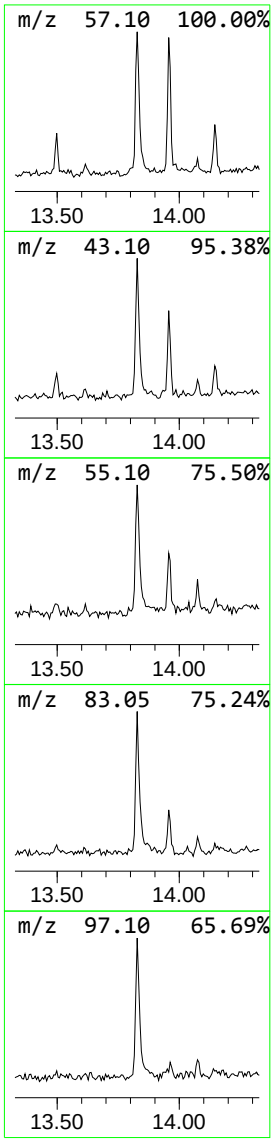
Peak Number 20 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	3.49 ng	212214	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Cycloeicosane	280	C20H40	000296-56-0	98
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134736.D
Acq On : 11 Aug 2023 17:06
Operator : CG\JU
Sample : 03971-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP03A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Benzene, 1,4-di...	7.116	2.8	ng	158362	1	6.798	1118900	20.0
Benzene, 2-ethy...	7.263	2.6	ng	143201	1	6.798	1118900	20.0
Benzene, 2-ethy...	7.286	2.6	ng	143983	1	6.798	1118900	20.0
Benzene, 1,2,4,...	7.563	5.4	ng	426313	2	8.075	1569520	20.0
o-Cymene	7.592	7.6	ng	599758	2	8.075	1569520	20.0
Benzene, 1-meth...	7.734	2.7	ng	212248	2	8.075	1569520	20.0
1H-Indene, 2,3-...	7.751	2.7	ng	211411	2	8.075	1569520	20.0
1-Phenyl-1-butene	7.816	9.5	ng	745093	2	8.075	1569520	20.0
Benzene, 1-ethy...	7.845	3.1	ng	246389	2	8.075	1569520	20.0
Benzene, 1-ethy...	7.892	3.3	ng	260448	2	8.075	1569520	20.0
Tetradecane	9.239	8.1	ng	602401	3	9.833	1480480	20.0
Undecane, 3,5-d...	9.492	2.7	ng	199474	3	9.833	1480480	20.0
Dodecane	9.557	6.6	ng	486611	3	9.833	1480480	20.0
Tridecane, 3-me...	9.580	2.6	ng	195278	3	9.833	1480480	20.0
Hexadecane	9.769	9.5	ng	702217	3	9.833	1480480	20.0
Heptadecane	10.269	5.0	ng	371239	3	9.833	1480480	20.0
Octadecane	10.745	2.9	ng	184300	4	11.322	1278720	20.0
n-Hexadecanoic ...	11.857	7.3	ng	464885	4	11.322	1278720	20.0
Octadecanoic acid	12.645	4.2	ng	257834	5	13.968	1217000	20.0
1-Nonadecene	13.827	3.5	ng	212214	5	13.968	1217000	20.0