LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	457	461	465	rBV	297480	311711	5.25%	0.339%
2	5.204	490	496	499	rBV2	257030	312134	5.25%	0.340%
3	5.451	533	538	541	rBV	338498	343510	5.78%	0.374%
4	5.563	553	557	562	rBV3	215729	321295	5.41%	0.349%
5	5.651	568	572	578	rVV3	221875	323330	5.44%	0.352%
6	5.822	595	601	604	rVB4	325169	495210	8.33%	0.539%
7	5.957	620	624	628	rVB3	467027	601032	10.11%	0.654%
8	6.051	637	640	646	rVV3	935638	1222110	20.57%	1.329%
9	6.104	646	649	652	rVB	560132	486443	8.19%	0.529%
10	6.240	667	672	675	rBV	602009	758317	12.76%	0.825%
11	6.340	685	689	696	rBV4	758992	1309843	22.04%	1.425%
12	6.475	706	712	715	rBV3	466284	818421	13.77%	0.890%
13	6.545	720	724	729	rBV5	544239	1054048	17.74%	1.147%
14	6.587	729	731	736	rVB2	425143	499711	8.41%	0.544%
15	6.640	736	740	742	rBV3	450268	636061	10.70%	0.692%
16	6.745	751	758	760	rBV5	217865	447199	7.53%	0.486%
17	6.810	764	769	775	rVB2	795667	1281861	21.57%	1.394%
18	6.869	775	779	781	rBV	449036	462688	7.79%	0.503%
19	6.898	781	784	786	rBV3	273471	324454	5.46%	0.353%
20	6.957	791	794	798	rBV	1147119	1098154	18.48%	1.195%
21	7.040	805	808	810	rBV2	448505	445965	7.50%	0.485%
22	7.081	812	815	819	rVB3	690624	827745	13.93%	0.900%
23	7.128	819	823	825	rBV3	254323	325998	5.49%	0.355%
24	7.204	830	836	839	rBV2	856124	929585	15.64%	1.011%
25	7.234	839	841	846	rVB5	314428	370093	6.23%	0.403%
26	7.345	854	860	863	rBV2	1166855	1722631	28.99%	1.874%
27	7.387	863	867	869	rBV3	492348	517273	8.70%	0.563%
28	7.404	869	870	874	rVB2	523785	480430	8.08%	0.523%
29	7.457	874	879	882	rVB4	920608	1443560	24.29%	1.570%
30	7.498	882	886	893	rBV6	420021	1112654	18.72%	1.210%
31	7.587	899	901	903	rBV2	503859	441669	7.43%	0.480%
32	7.616	903	906	909	rVB2	889844	920719	15.49%	1.002%
33	7.698	916	920	921	rBV2	527867	642039	10.80%	0.698%
34	7.716	921	923	924	rVV	809069	574438	9.67%	0.625%
35	7.734	924	926	930	rVB3	1102716	1013269	17.05%	1.102%
36	7.834	941	943	953	rVB6	633295	1173955	19.76%	1.277%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.916	953	957	961	rVB5	519141	617917	10.40%	0.672%
38	7.963	962	965	969	rBV2	541210	694736	11.69%	0.756%
39	8.034	974	977	978	rBV2	505412	453469	7.63%	0.493%
40	8.051	978	980	982	rVV3	416397	356634	6.00%	0.388%
41	8.081	982	985	987	rVV3	1112331	1402448	23.60%	1.526%
42	8.122	990	992	994	rVV3	376250	338256	5.69%	0.368%
43	8.157	994	998	1000	rVB2	1441295	1649540	27.76%	1.794%
44	8.186	1000	1003	1006	rBV3	753275	748014	12.59%	0.814%
45	8.251	1010	1014	1015	rBV3	414012	404084	6.80%	0.440%
46	8.304	1020	1023	1025	rVB2	679952	651038	10.96%	0.708%
47	8.386	1029	1037	1041	rBV4	1603372	2408059	40.52%	2.619%
48	8.445	1044	1047	1050	rBV4	443623	387529	6.52%	0.422%
49	8.481	1050	1053	1056	rVB3	655417	670974	11.29%	0.730%
50	8.522	1056	1060	1062	rBV	3292598	3047986	51.29%	3.316%
51	8.563	1065	1067	1069	rVB2	602542	530581	8.93%	0.577%
52	8.604	1071	1074	1076	rBV2	602407	444476	7.48%	0.483%
53	8.639	1076	1080	1082	rBV3	664913	737733	12.41%	0.802%
54	8.692	1086	1089	1092	rBV2	963542	1019712	17.16%	1.109%
55	8.751	1097	1099	1102	rVV4	340537	404234	6.80%	0.440%
56	8.786	1102	1105	1108	rVB3	928120	1079103	18.16%	1.174%
57	8.875	1117	1120	1123	rBV4	488373	710876	11.96%	0.773%
58	8.975	1134	1137	1139	rBV3	429319	484287	8.15%	0.527%
59	9.004	1139	1142	1146	rVB3	1053220	1231842	20.73%	1.340%
60	9.045	1146	1149	1154	rBV5	365399	591397	9.95%	0.643%
61	9.092	1155	1157	1159	rVV2	408190	353819	5.95%	0.385%
62	9.122	1159	1162	1167	rVV	3156041	2912148	49.01%	3.168%
63	9.169	1168	1170	1173	rVB3	425897	350358	5.90%	0.381%
64	9.257	1181	1185	1190	rBV2	1266262	1655228	27.85%	1.801%
65	9.375	1202	1205	1208	rVB4	481293	523819	8.81%	0.570%
66	9.445	1213	1217	1220	rVB	1067730	1226638	20.64%	1.334%
67	9.486	1222	1224	1226	rVV2	416944	374785	6.31%	0.408%
68	9.516	1226	1229	1231	rVV	1182526	1293159	21.76%	1.407%
69	9.545	1231	1234	1236	rVV2	907240	994265	16.73%	1.082%
70	9.581	1236	1240	1242	rVV	3752817	3533479	59.46%	3.844%
71	9.604	1242	1244	1246	rVB2	382267	309936	5.22%	0.337%
72	9.633	1246	1249	1251	rBV	700924	545640	9.18%	0.594%
73	9.722	1261	1264	1267	rBV3	629628	684823	11.52%	0.745%
74	9.763	1268	1271	1273	rVV2	659310	658926	11.09%	0.717%
75	9.786	1273	1275	1279	rVB3	663158	586529	9.87%	0.638%
76	9.839	1279	1284	1285	rBV4	564753	890799	14.99%	0.969%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.857	1285	1287	1289	rVB2	829308	650521	10.95%	0.708%
78	9.963	1302	1305	1309	rVB	805893	941887	15.85%	1.025%
79	10.004	1309	1312	1316	rBV5	411225	743504	12.51%	0.809%
80	10.051	1317	1320	1326	rVV2	844864	1395146	23.48%	1.518%
81	10.104	1326	1329	1338	rVB3	1394320	2229723	37.52%	2.425%
82	10.175	1338	1341	1344	rBV2	893643	1001444	16.85%	1.089%
83	10.204	1344	1346	1348	rBV2	478460	338817	5.70%	0.369%
84	10.228	1348	1350	1353	rVB2	462386	420807	7.08%	0.458%
85	10.263	1353	1356	1358	rBV3	853406	993564	16.72%	1.081%
86	10.286	1358	1360	1362	rVB	872564	637175	10.72%	0.693%
87	10.316	1362	1365	1367	rBV2	378978	409636	6.89%	0.446%
88	10.339	1367	1369	1375	rVB5	426417	686519	11.55%	0.747%
89	10.398	1377	1379	1381	rBV2	422221	396780	6.68%	0.432%
90	10.510	1393	1398	1403	rVB	2640856	2790225	46.95%	3.035%
91	10.557	1404	1406	1411	rVB3	457670	519051	8.73%	0.565%
92	10.628	1415	1418	1420	rVB2	551114	424079	7.14%	0.461%
93	10.722	1432	1434	1438	rBV5	231570	359161	6.04%	0.391%
94	10.780	1438	1444	1447	rBV	4724398	5942376	100.00%	6.464%
95	10.951	1471	1473	1475	rBV2	357939	311313	5.24%	0.339%
96	10.986	1477	1479	1483	rVB2	669147	584869	9.84%	0.636%
97	11.245	1520	1523	1529	rVB	3068545	3189033	53.67%	3.469%
98	11.351	1538	1541	1543	rBV	950710	904111	15.21%	0.983%
99	11.598	1580	1583	1585	rVB	877989	850178	14.31%	0.925%
100	12.339	1706	1709	1714	rVB	1009019	1201738	20.22%	1.307%

Sum of corrected areas: 91930488

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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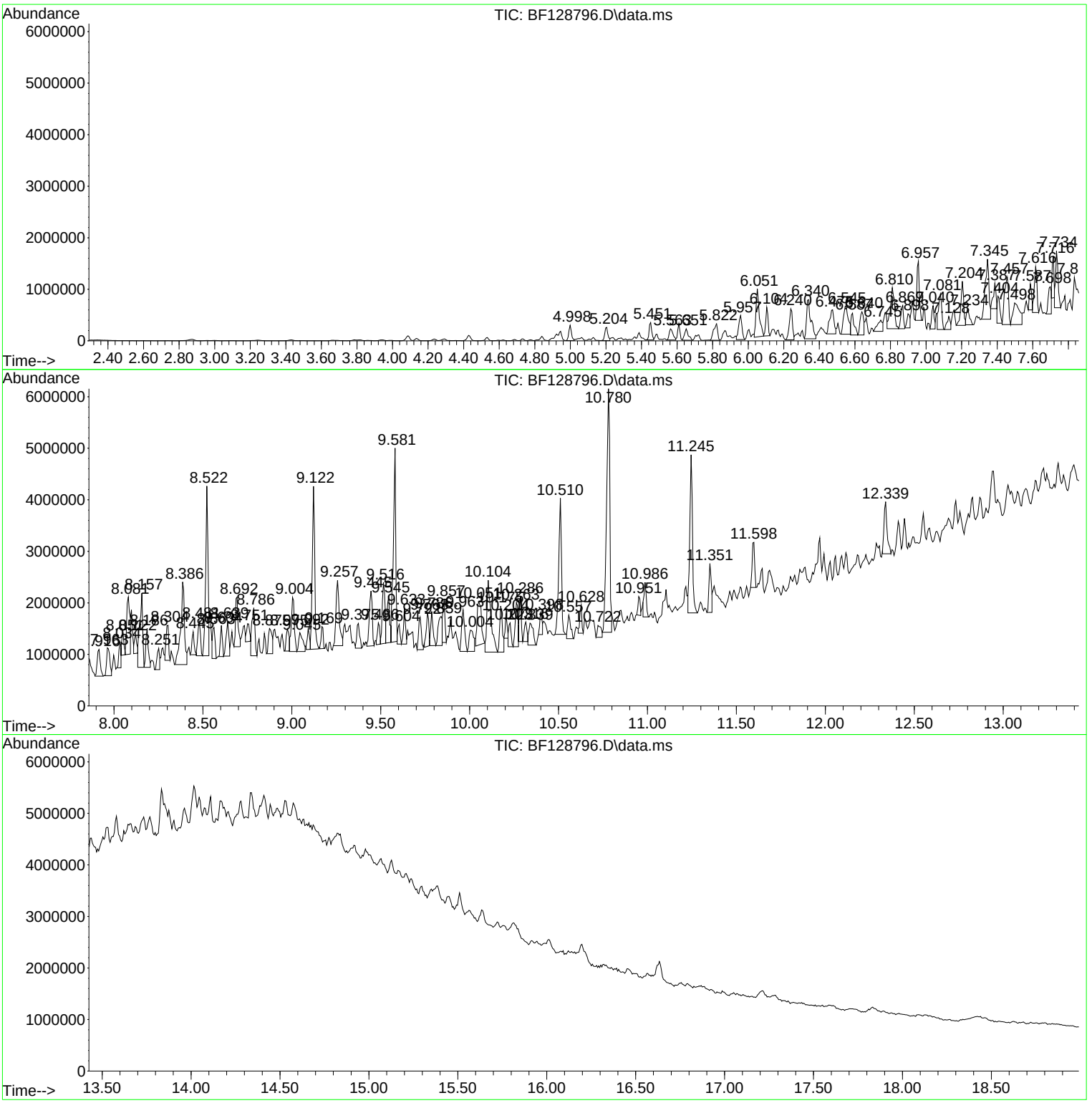
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
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Sample : N3304-03 5X
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Instrument :
BNA_F
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WC-14A-1A-9

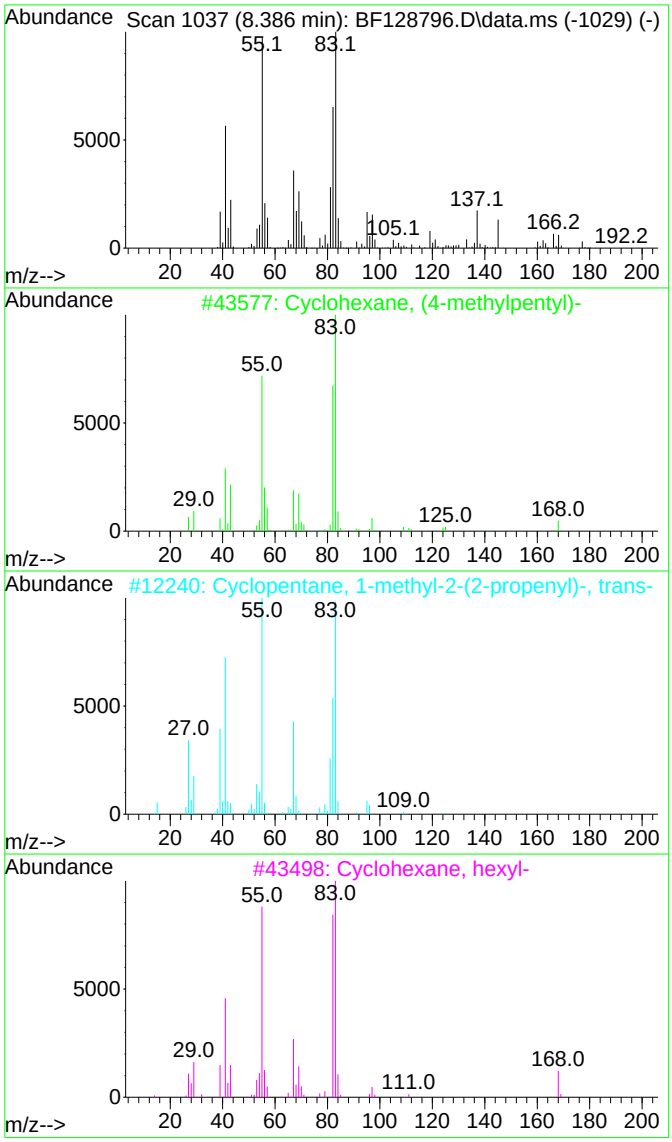
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

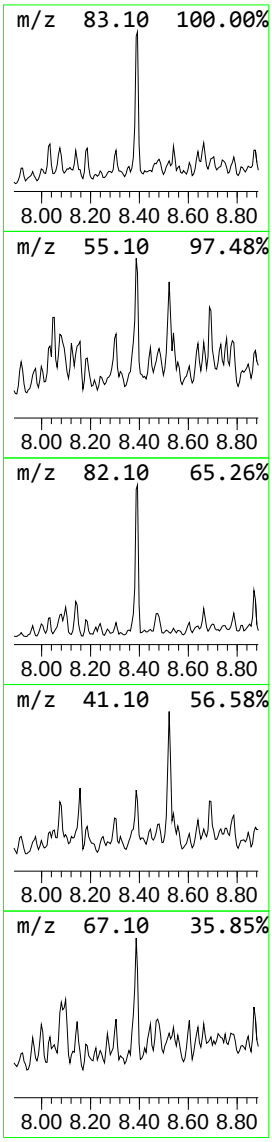
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, (4-methylpentyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.386	34.34 ng	2408060	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	70
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
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ClientSampleId :
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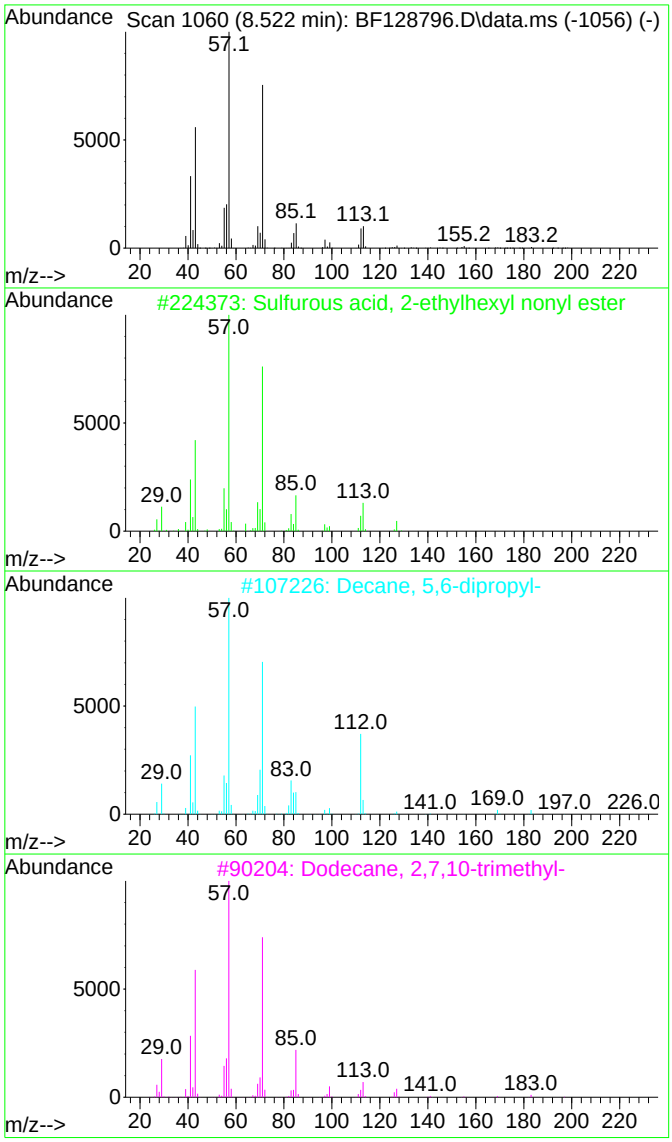
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

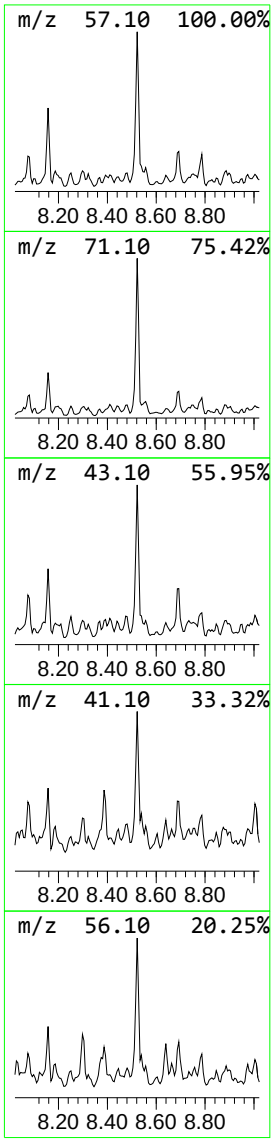
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	43.47 ng	3047990	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	86
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
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ClientSampleId :
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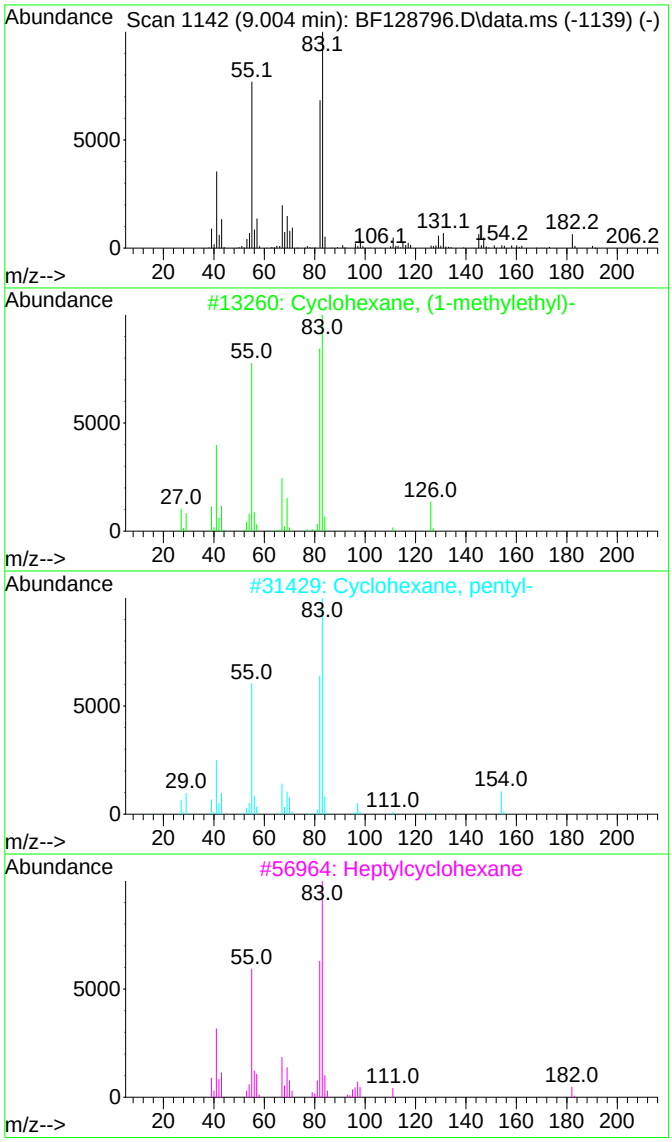
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

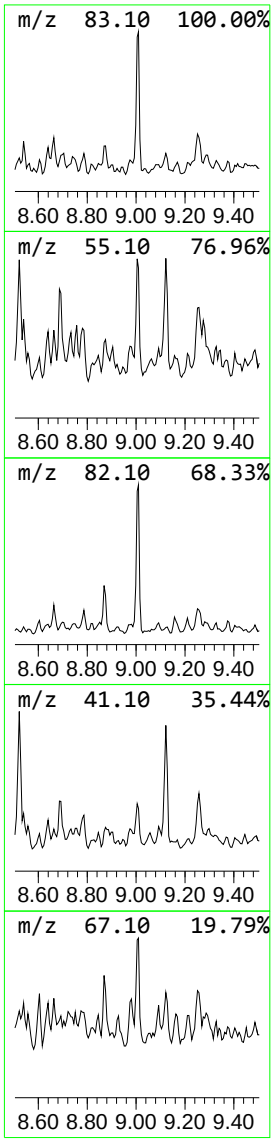
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, (1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	37.87 ng	1231840	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
3	Heptylcyclohexane	182	C13H26	005617-41-4	72
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

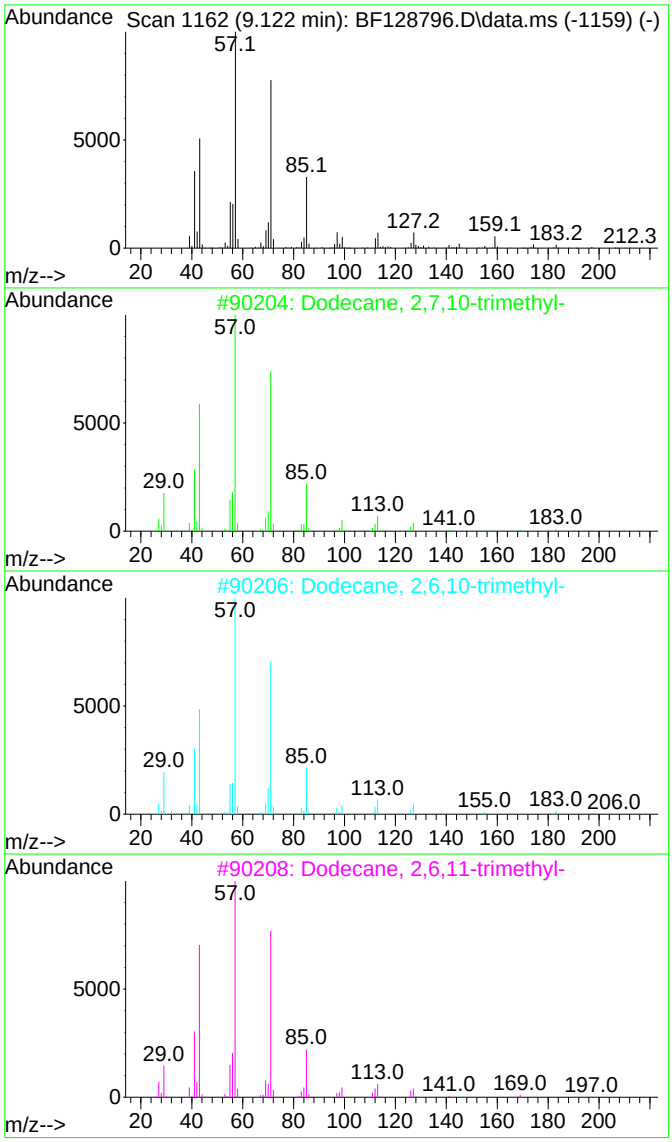
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

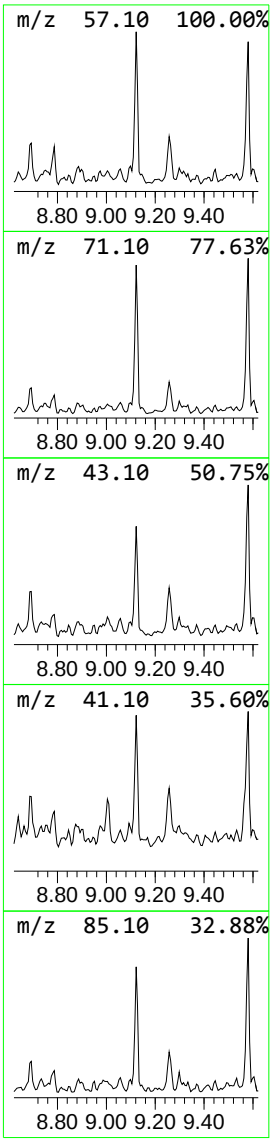
****

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	89.53 ng	2912150	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

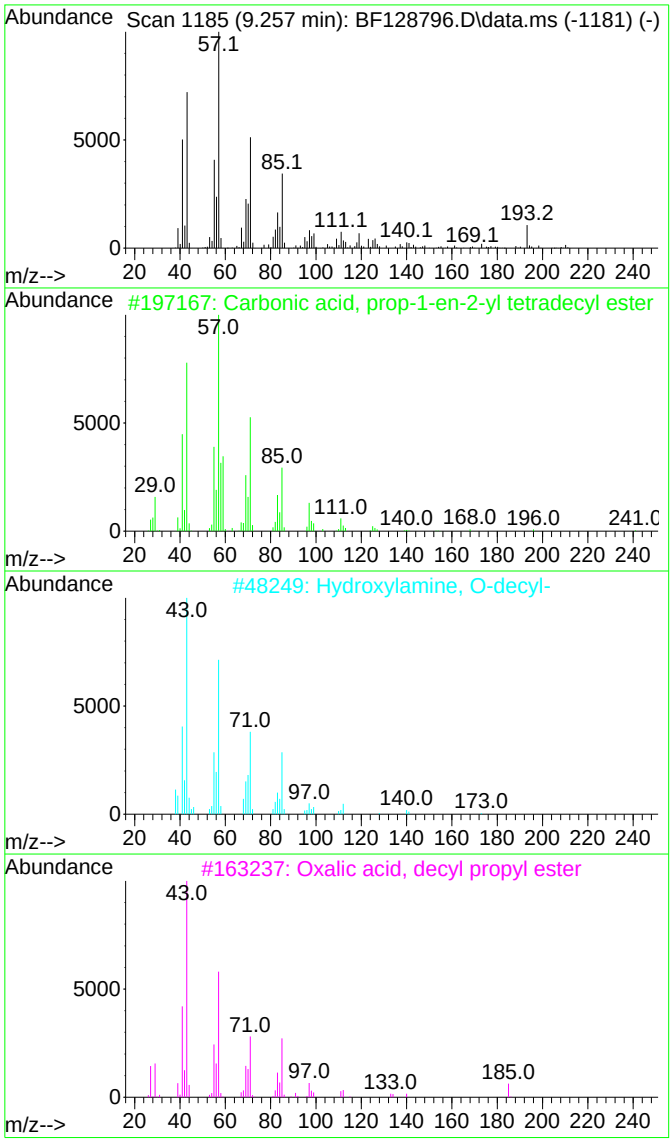
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

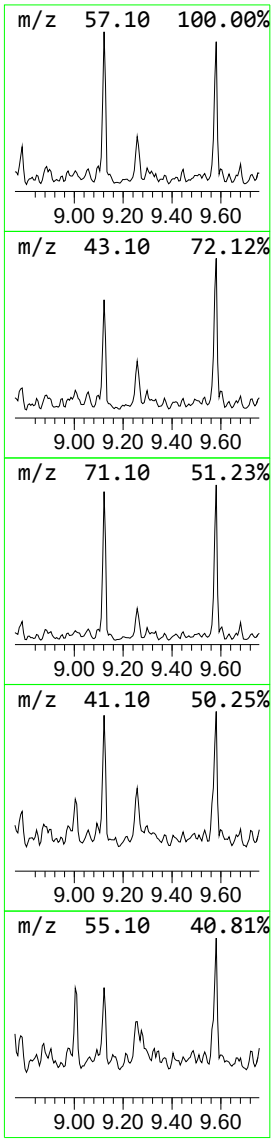
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, prop-1-en-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	50.89 ng	1655230	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	80
3	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	80
4	Nonane	128	C9H20	000111-84-2	76
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64





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Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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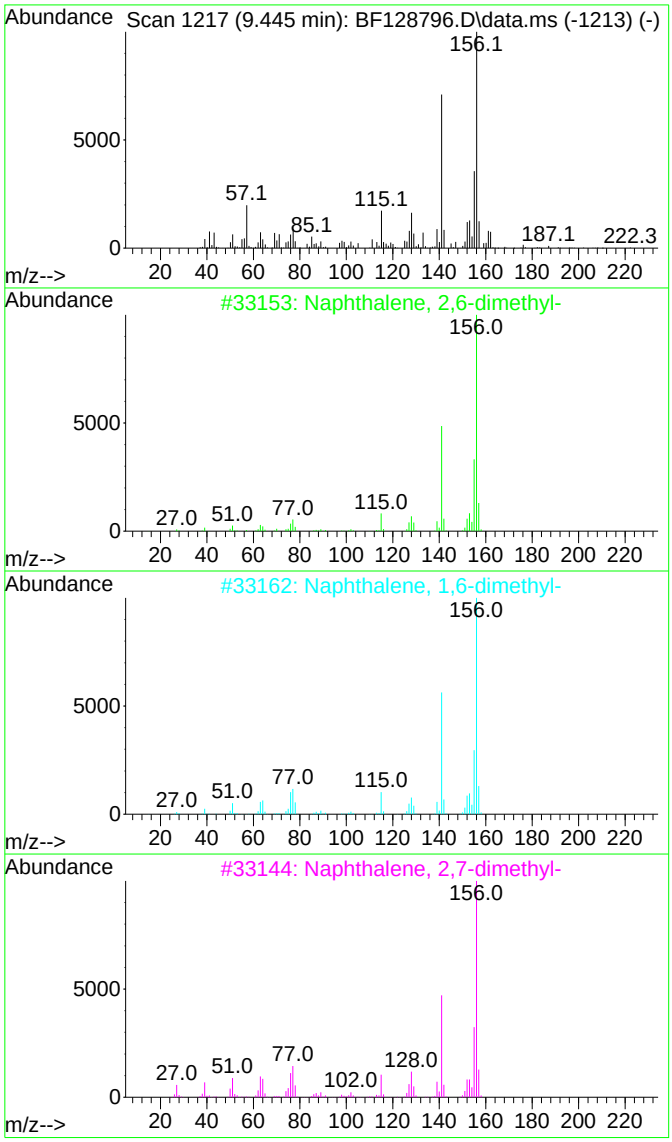
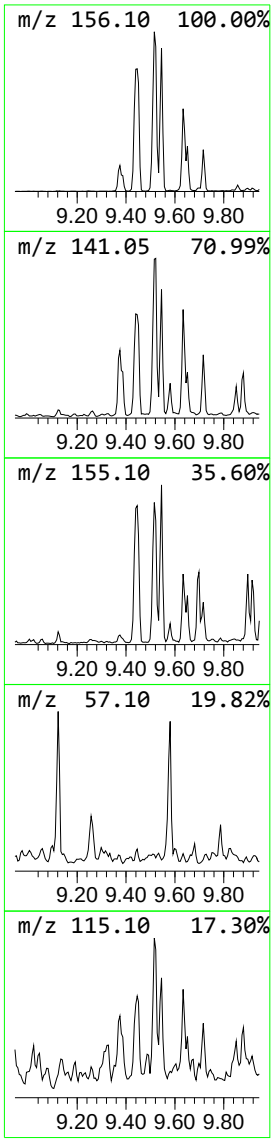
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	37.71 ng	1226640	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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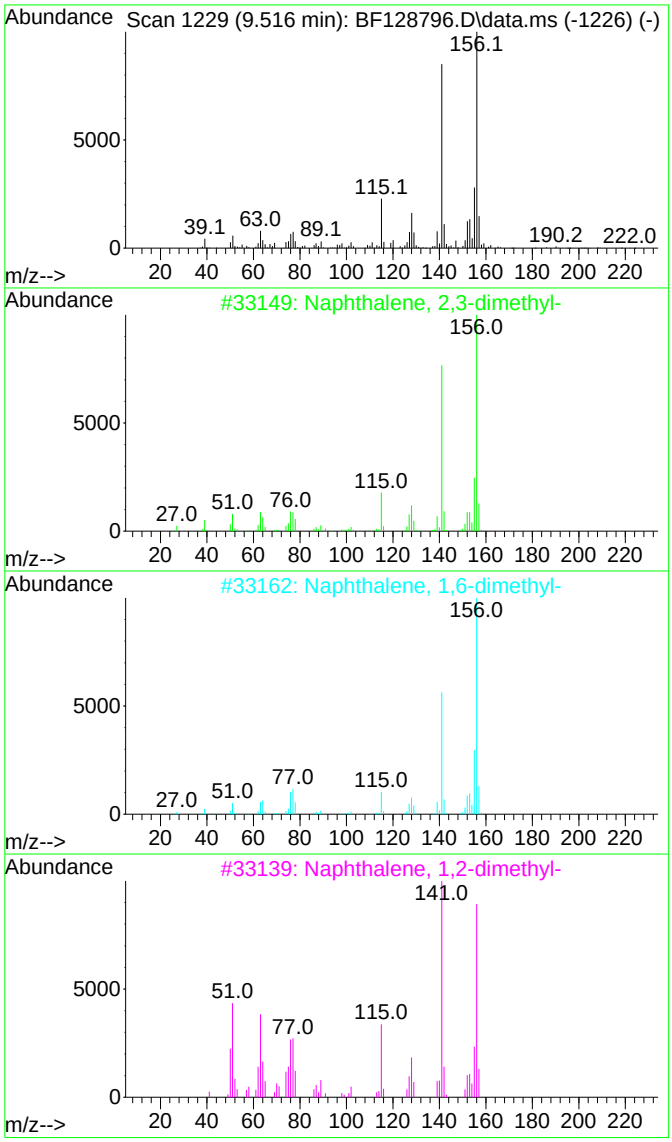
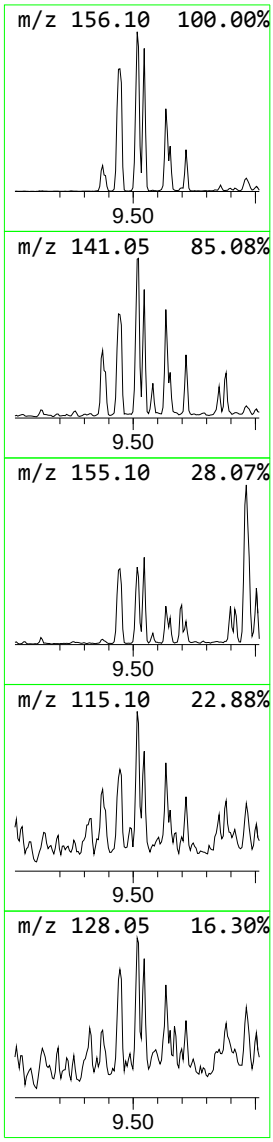
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	39.76 ng	1293160	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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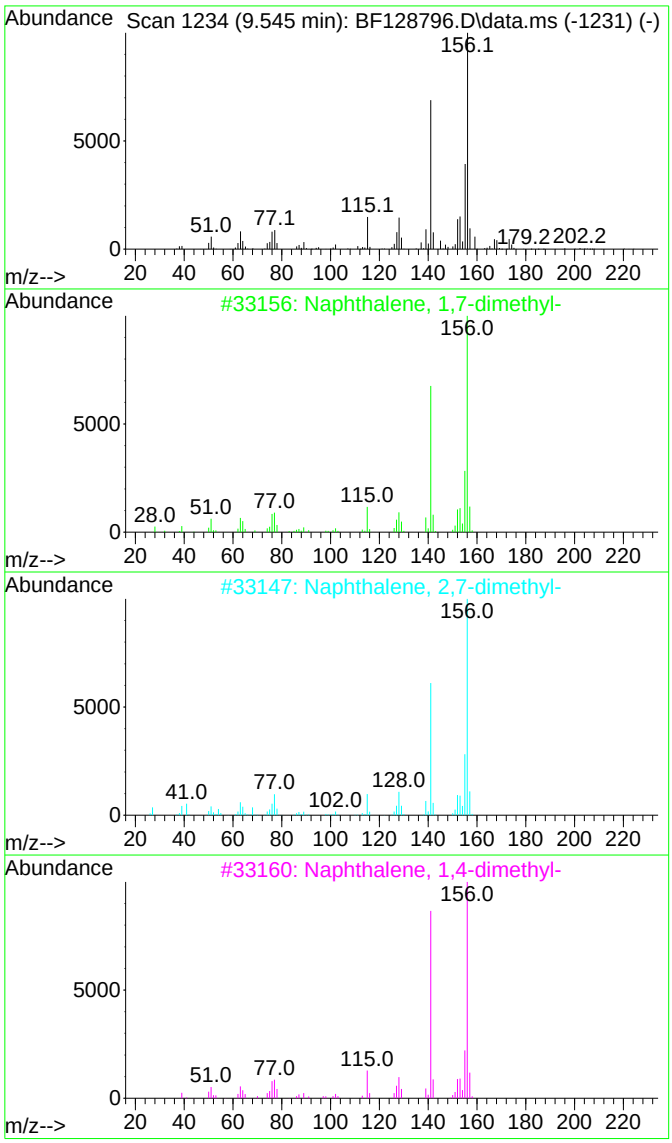
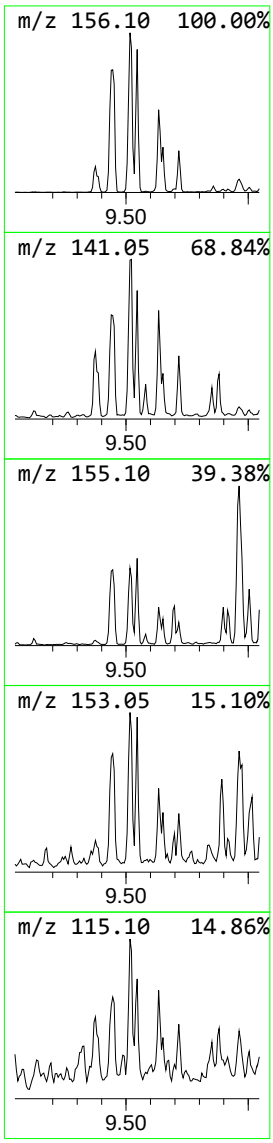
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	30.57 ng	994265	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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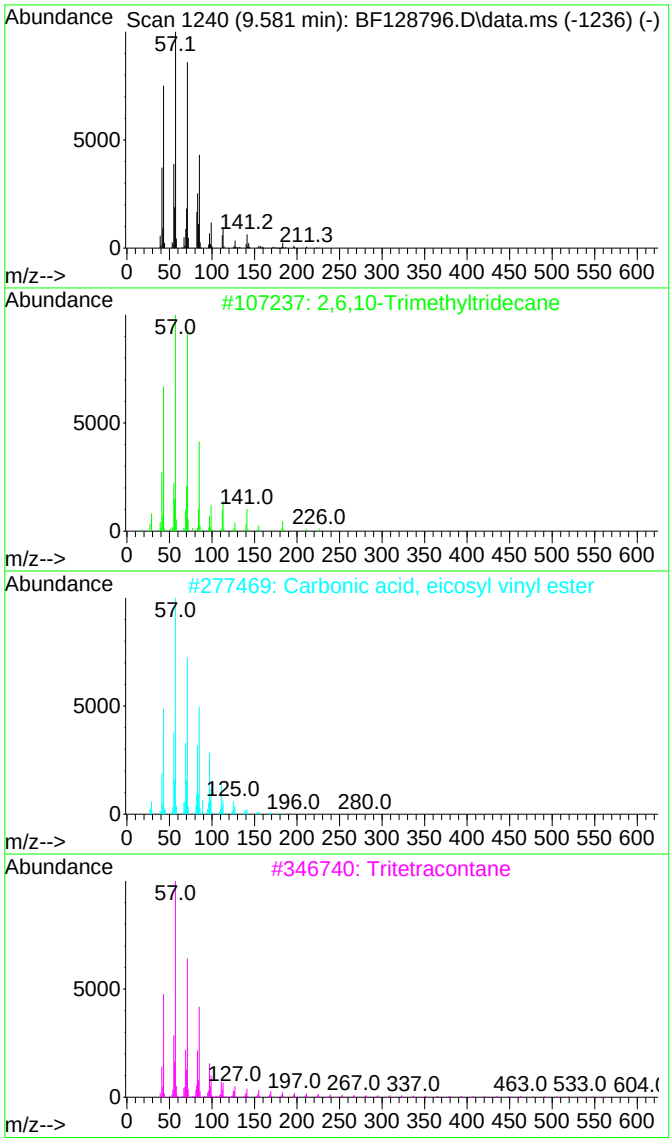
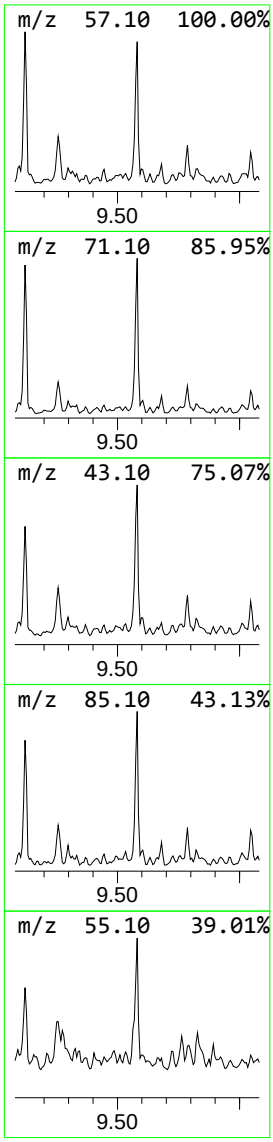
Peak Number 9 2,6,10-Trimethyltridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	108.64 ng	3533480	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	95
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Decane, 5-propyl-	184	C13H28	017312-62-8	74





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Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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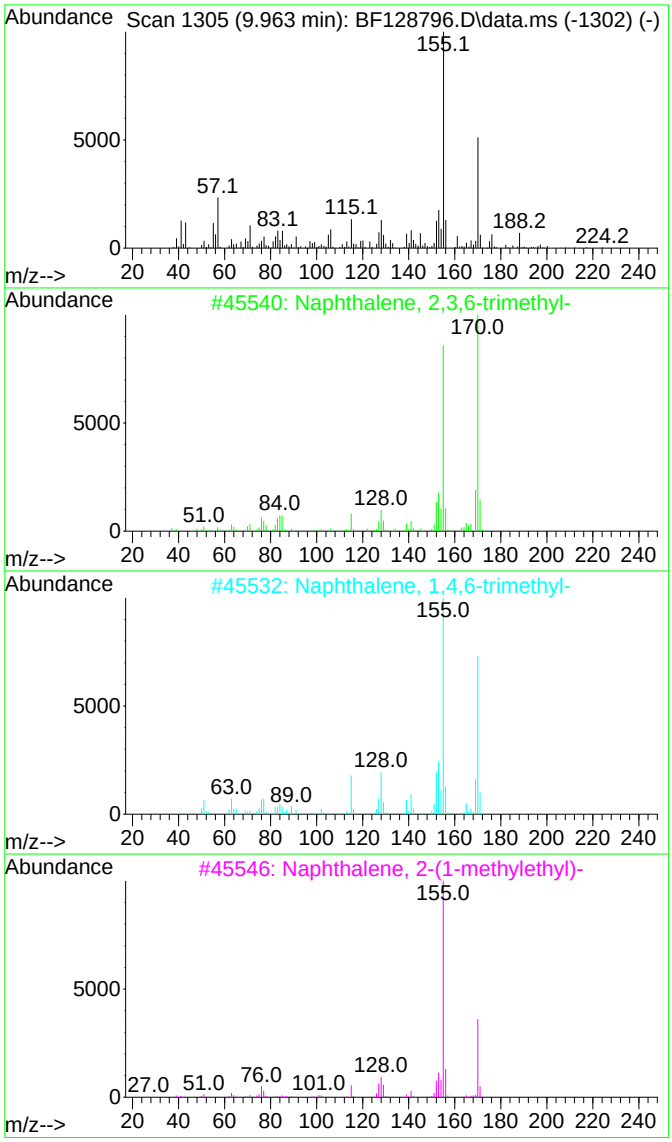
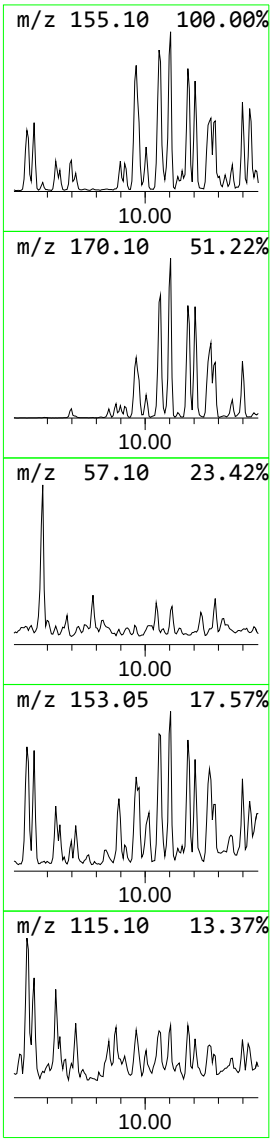
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	28.96 ng	941887	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83





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Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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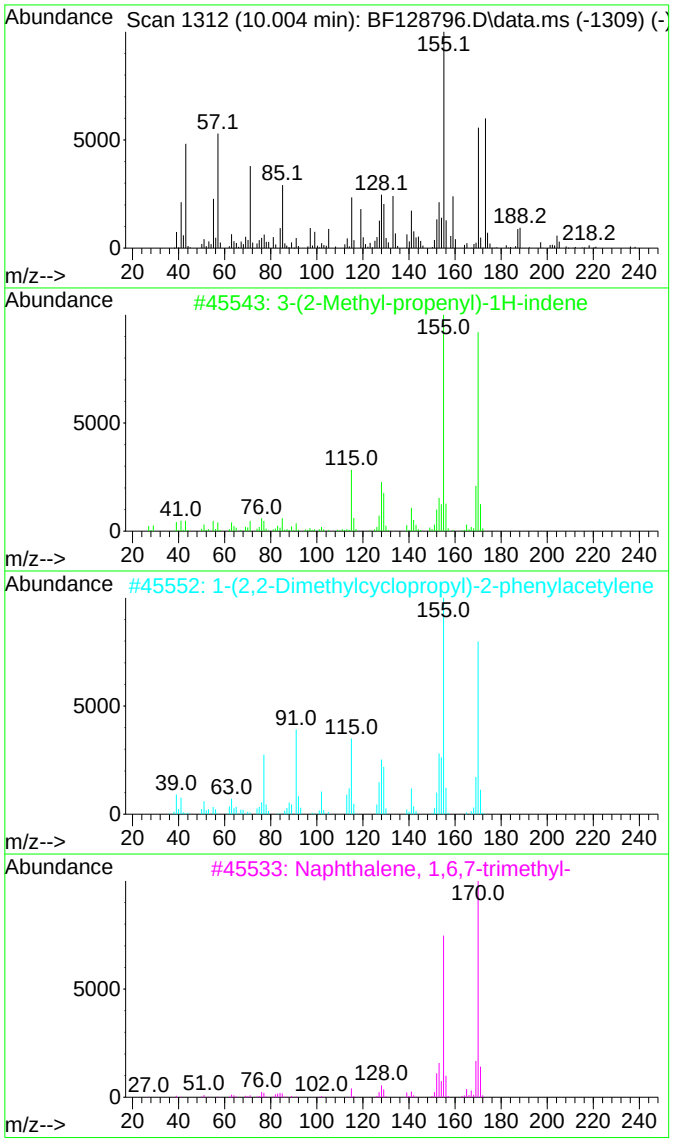
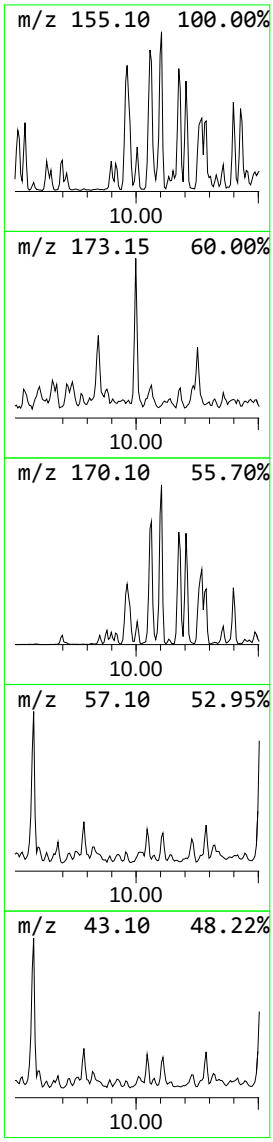
Peak Number 11 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	22.86 ng	743504	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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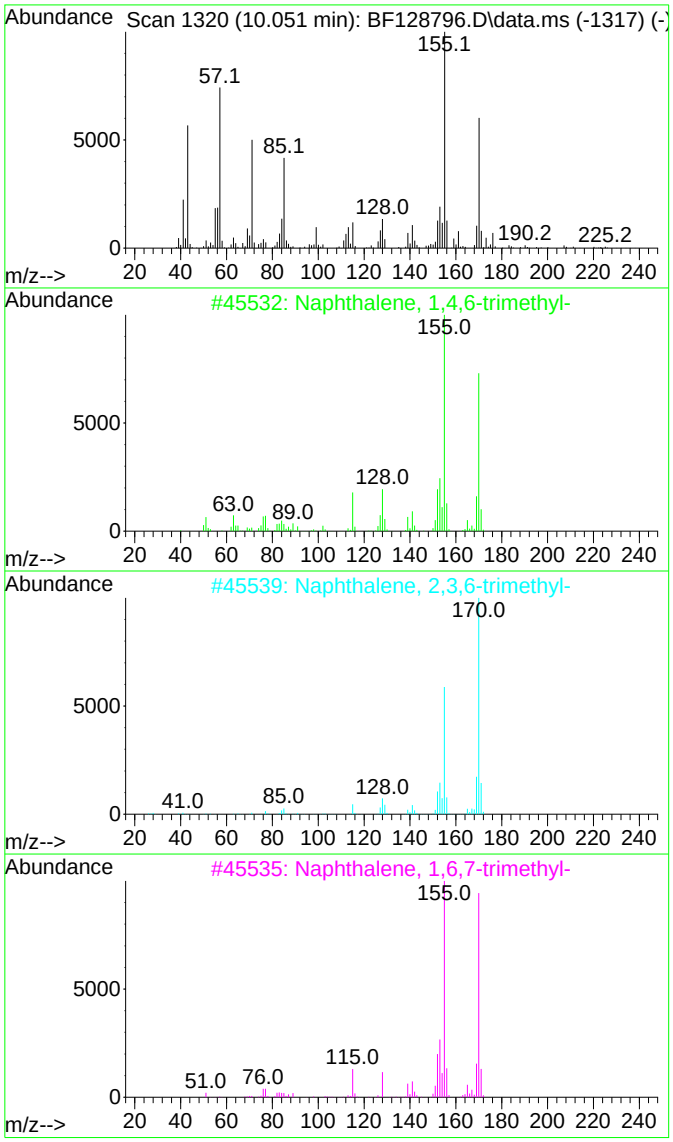
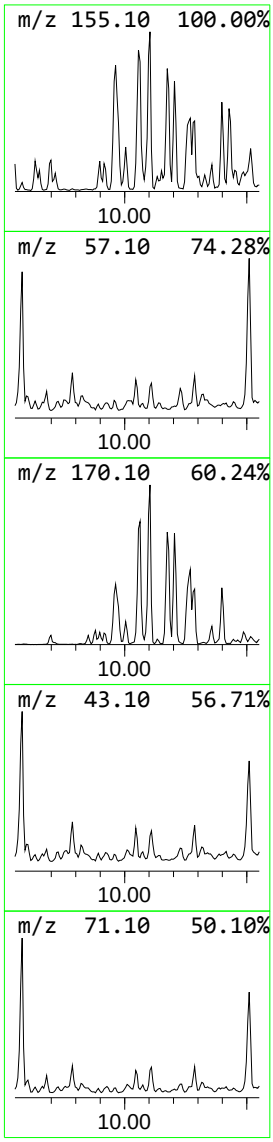
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	42.89 ng	1395150	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	60





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Misc :
ALS Vial : 22 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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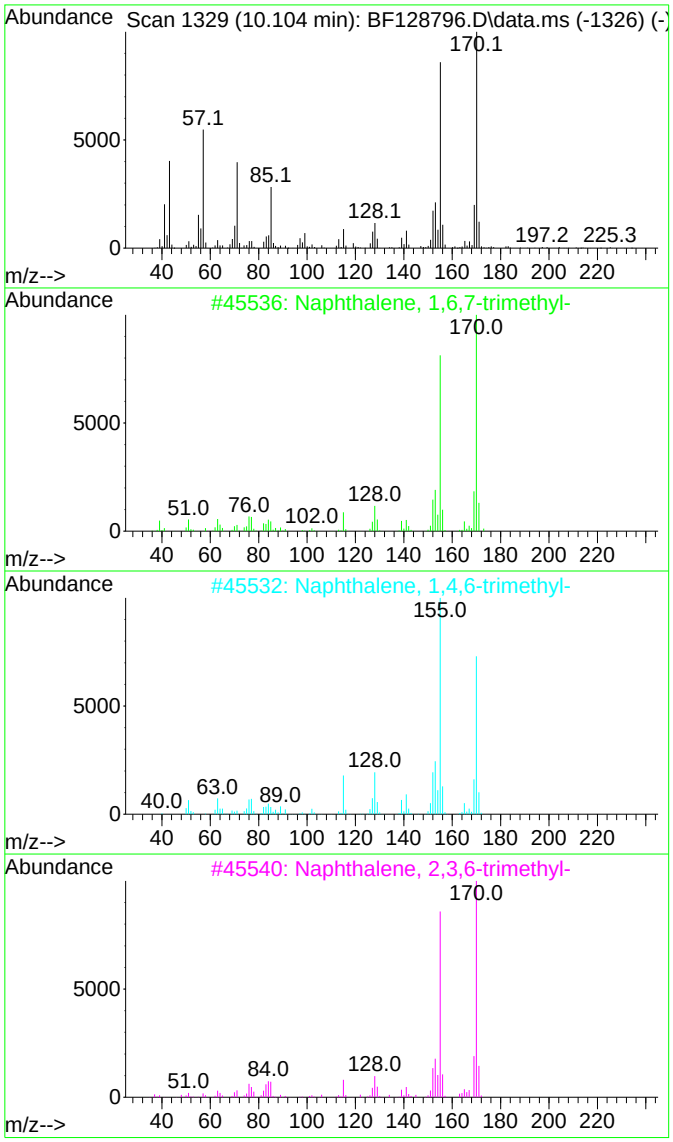
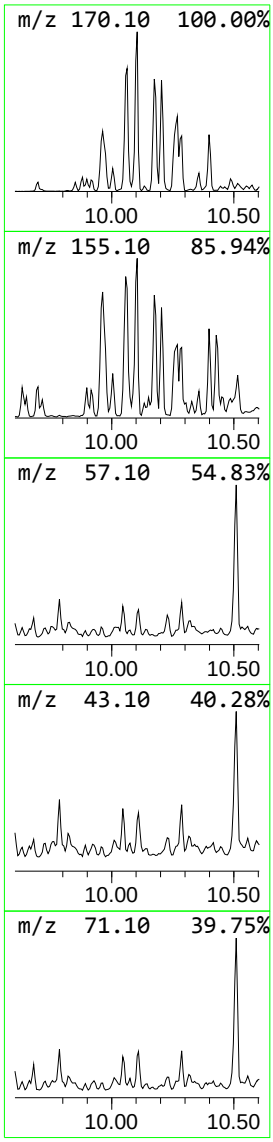
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	68.55 ng	2229720	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76





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Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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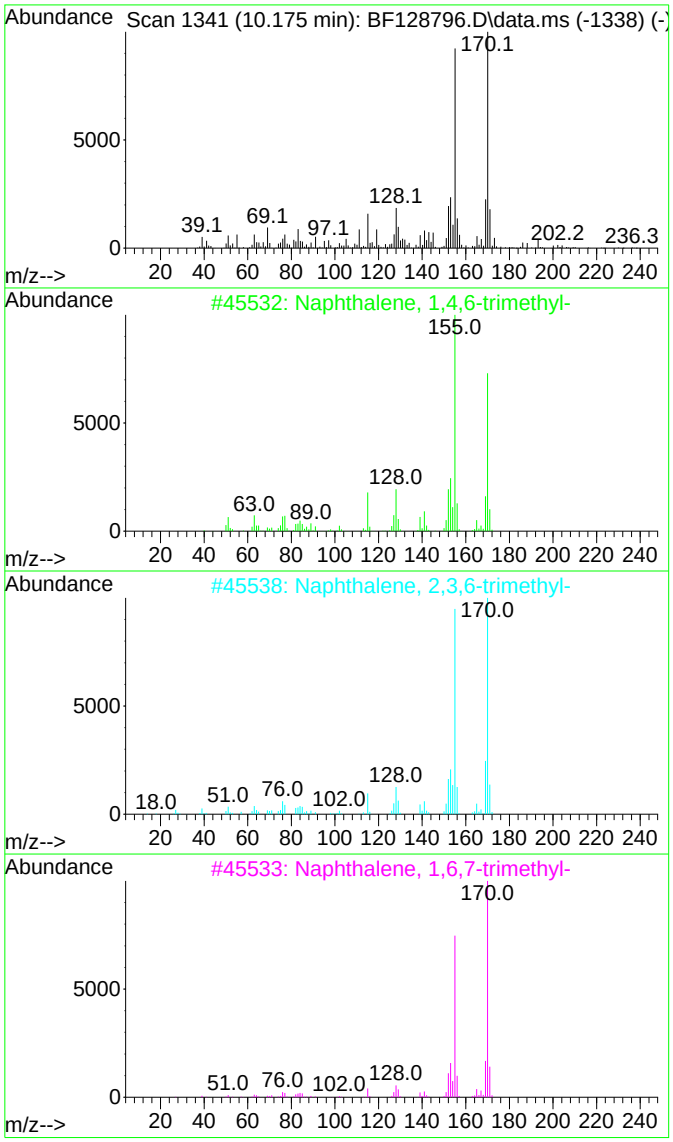
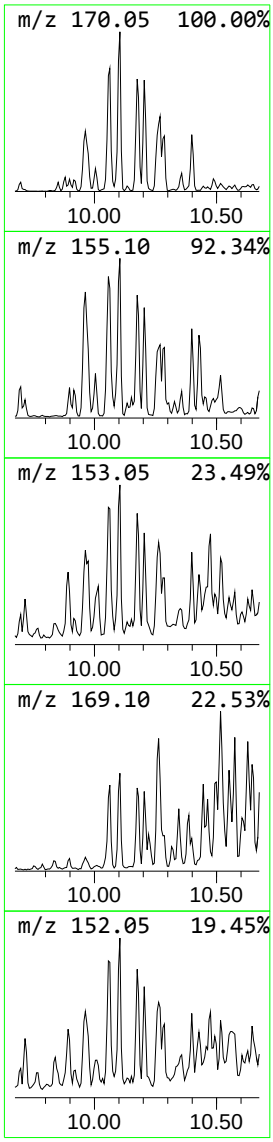
Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	30.79 ng	1001440	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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ALS Vial : 22 Sample Multiplier: 1

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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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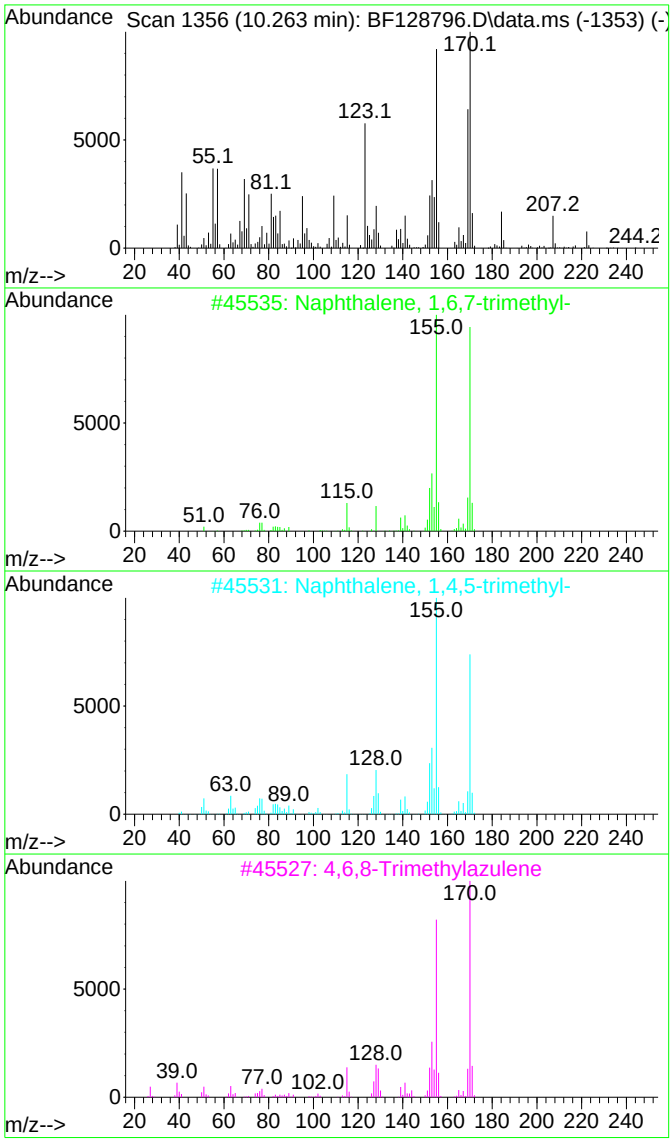
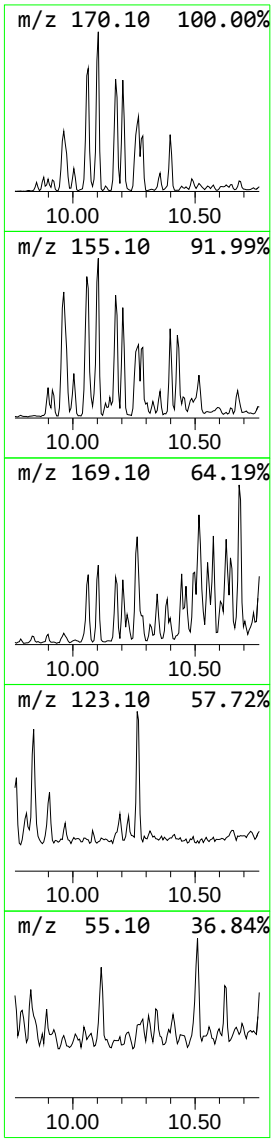
Peak Number 15 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	30.55 ng	993564	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76





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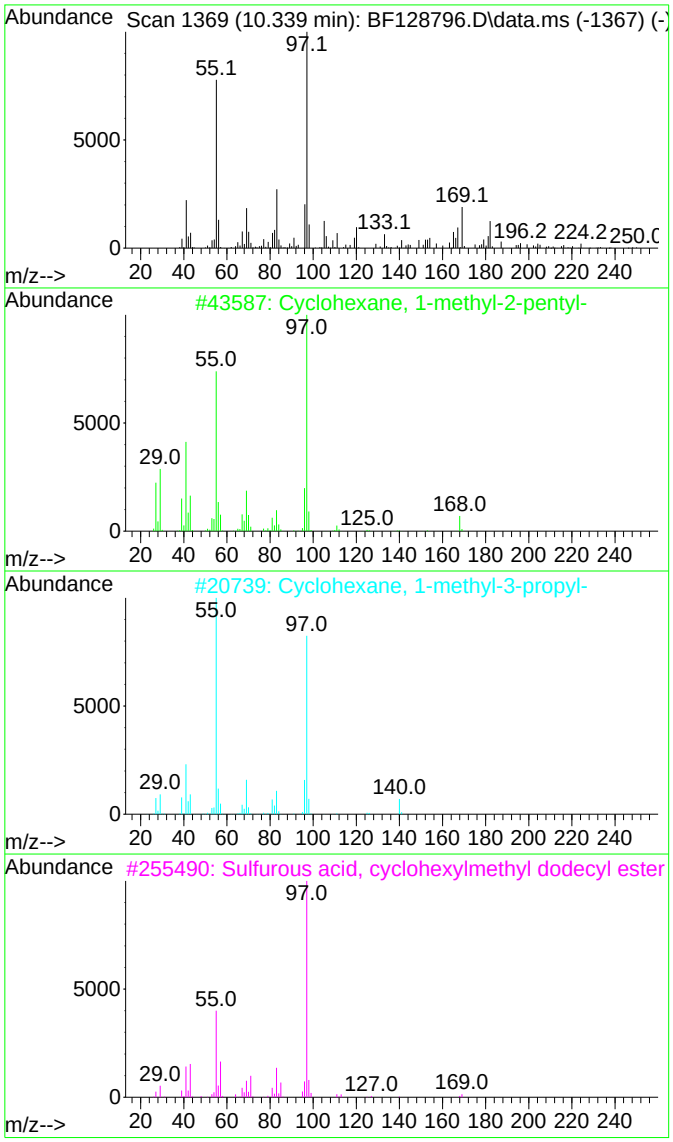
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

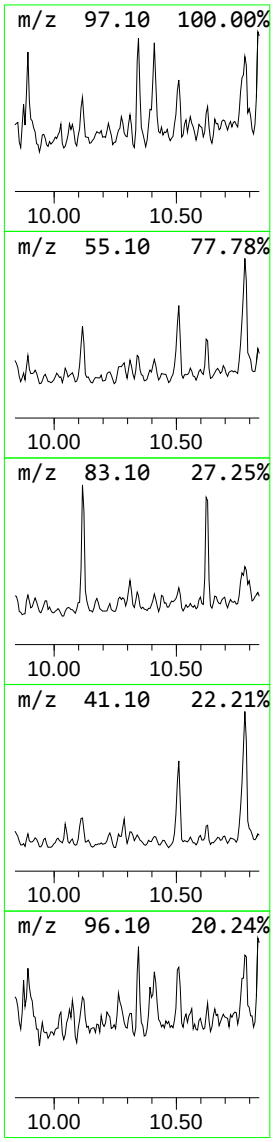
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, 1-methyl-2-pen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	21.11 ng	686519	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	53
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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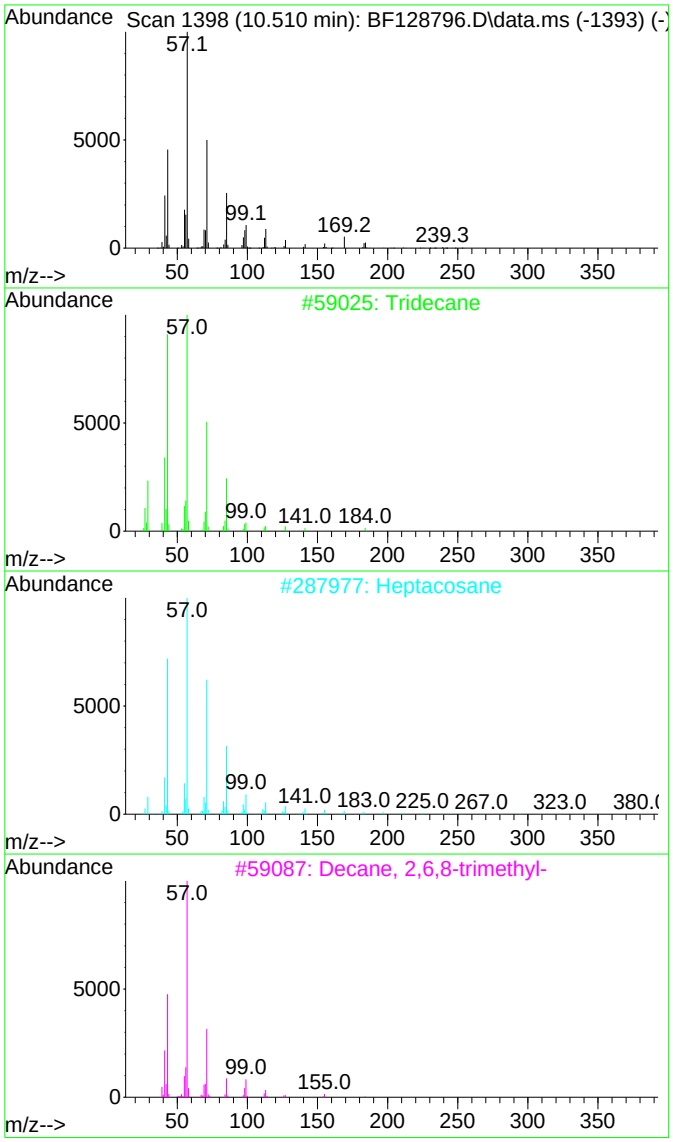
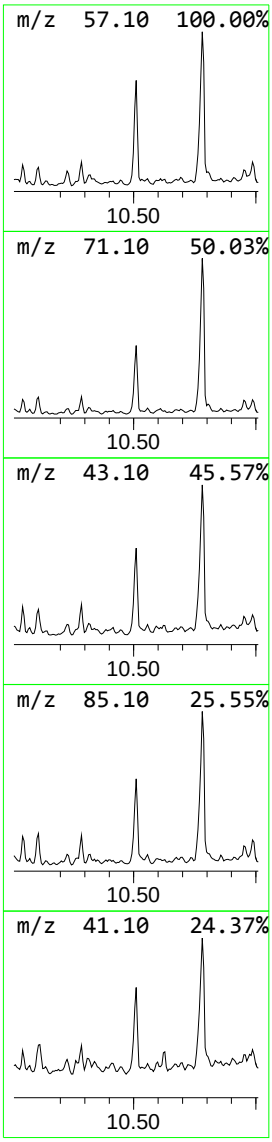
Peak Number 17 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	85.78 ng	2790230	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Heptacosane	380	C27H56	000593-49-7	78
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Octadecane, 6-methyl-	268	C19H40	010544-96-4	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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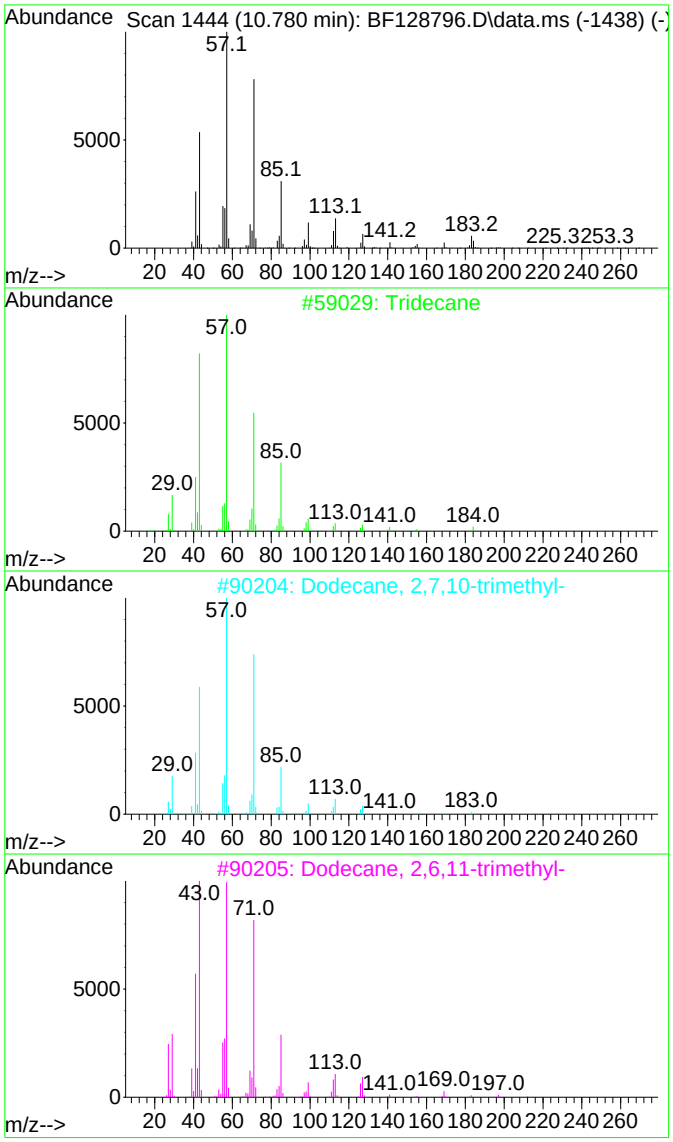
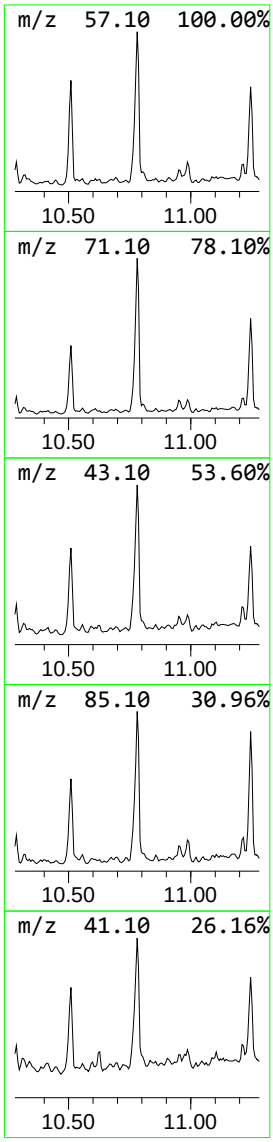
Peak Number 18 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	131.45 ng	5942380	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72





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Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

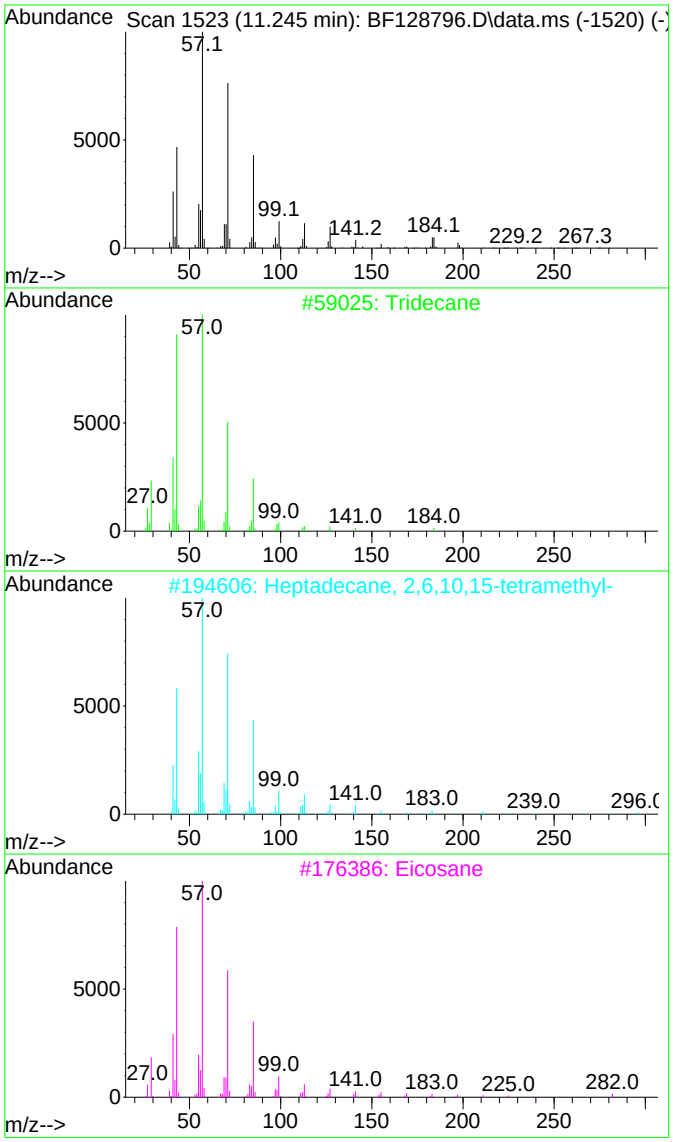
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

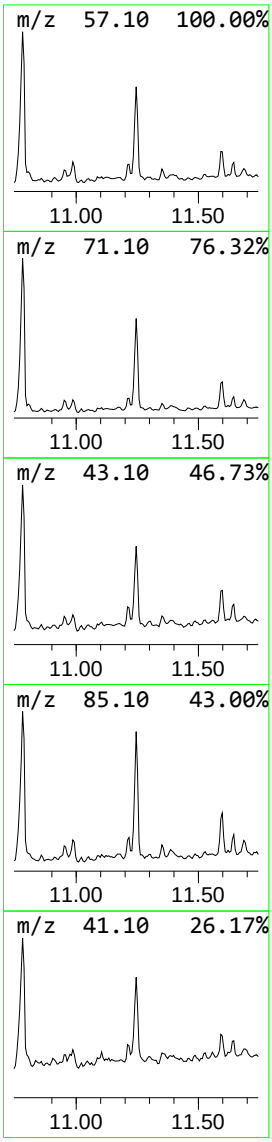
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	70.55 ng	3189030	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
5	Hexacosane	366	C26H54	000630-01-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

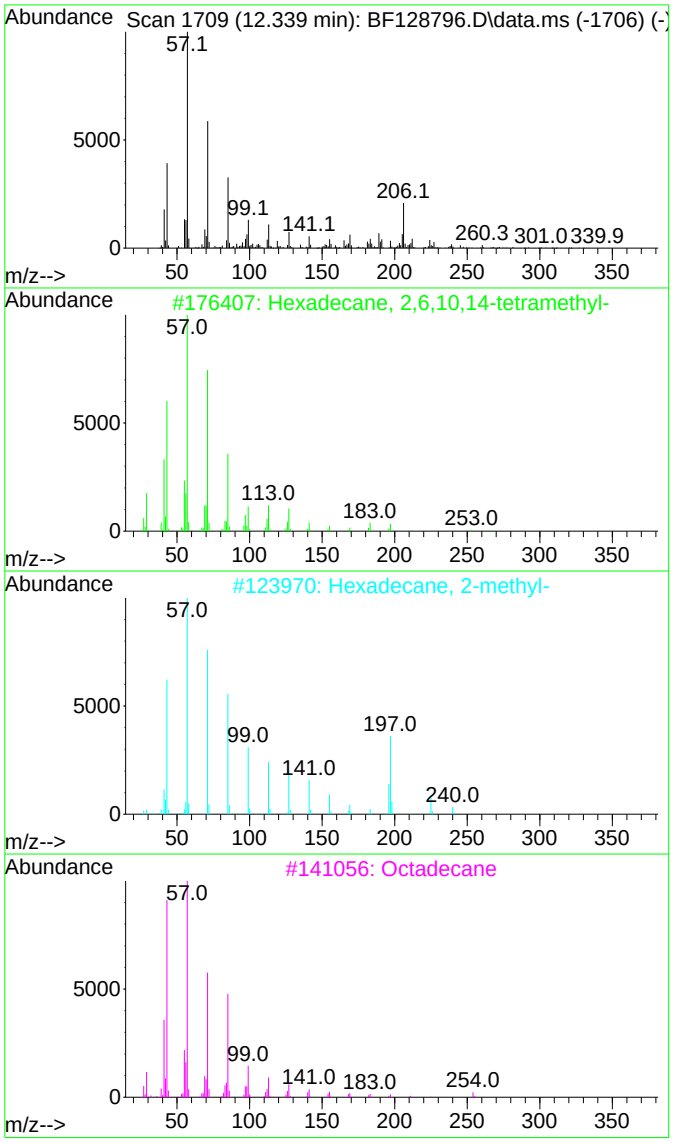
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

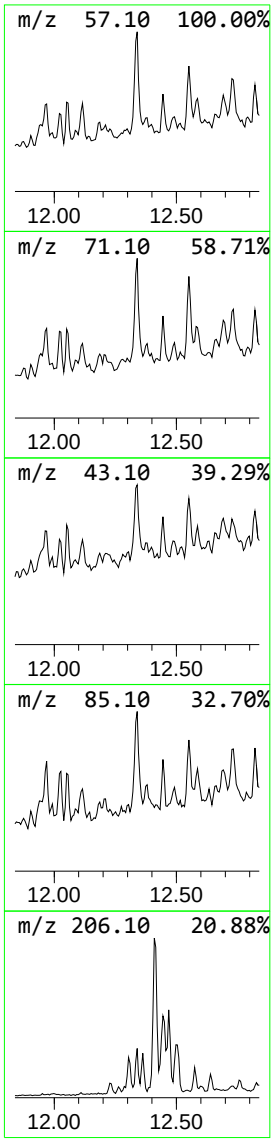
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	26.58 ng	1201740	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	89
3	Octadecane	254	C18H38	000593-45-3	64
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	64
5	Hentriacontane	437	C31H64	000630-04-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128796.D
Acq On : 13 Jun 2022 21:16
Operator : CG\JU
Sample : N3304-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Cyclohexane, (4...	8.386	34.3	ng	2408060	2	8.098	1402450	20.0
Sulfurous acid,...	8.522	43.5	ng	3047990	2	8.098	1402450	20.0
Cyclohexane, (1...	9.004	37.9	ng	1231840	3	9.857	650521	20.0
Dodecane, 2,7,1...	9.122	89.5	ng	2912150	3	9.857	650521	20.0
Carbonic acid, ...	9.257	50.9	ng	1655230	3	9.857	650521	20.0
Naphthalene, 2,...	9.445	37.7	ng	1226640	3	9.857	650521	20.0
Naphthalene, 2,...	9.516	39.8	ng	1293160	3	9.857	650521	20.0
Naphthalene, 1,...	9.545	30.6	ng	994265	3	9.857	650521	20.0
2,6,10-Trimethy...	9.581	108.6	ng	3533480	3	9.857	650521	20.0
Naphthalene, 2,...	9.963	29.0	ng	941887	3	9.857	650521	20.0
3-(2-Methyl-pro...	10.004	22.9	ng	743504	3	9.857	650521	20.0
Naphthalene, 1,...	10.051	42.9	ng	1395150	3	9.857	650521	20.0
Naphthalene, 1,...	10.104	68.5	ng	2229720	3	9.857	650521	20.0
4,6,8-Trimethyl...	10.175	30.8	ng	1001440	3	9.857	650521	20.0
1-(2,2-Dimethyl...	10.263	30.6	ng	993564	3	9.857	650521	20.0
Cyclohexane, 1-...	10.339	21.1	ng	686519	3	9.857	650521	20.0
Tridecane	10.510	85.8	ng	2790230	3	9.857	650521	20.0
Dodecane, 2,6,1...	10.780	131.4	ng	5942380	4	11.351	904111	20.0
Heptadecane, 2,...	11.245	70.5	ng	3189030	4	11.351	904111	20.0
Hexadecane, 2,6...	12.339	26.6	ng	1201740	4	11.351	904111	20.0