LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14B-4-GR

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: BF128737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.452	359	368	377	rVB3	531808	800482	12.18%	0.448%
2	4.946	443	452	454	rBV2	674094	1224303	18.63%	0.685%
3	5.022	460	465	469	rBV	1370406	1565233	23.82%	0.876%
4	5.222	493	499	502	rBV2	1316747	1583295	24.10%	0.886%
5	5.457	536	539	544	rVV	1544812	1699493	25.87%	0.951%
6	5.581	556	560	565	rVV3	1065420	1613127	24.55%	0.902%
7	5.628	565	568	571	rVV	1565492	1354724	20.62%	0.758%
8	5.669	571	575	581	rVB2	1069636	1404147	21.37%	0.785%
9	5.834	597	603	607	rBV4	1388769	2208037	33.61%	1.235%
10	5.887	607	612	614	rBV2	889031	1274394	19.40%	0.713%
11	5.969	622	626	630	rVB2	2075356	2669866	40.63%	1.493%
12	6.016	630	634	636	rBV	898788	1045285	15.91%	0.585%
13	6.069	639	643	648	rVV2	2849140	3835623	58.38%	2.145%
14	6.122	648	652	654	rVB	2229175	1938292	29.50%	1.084%
15	6.157	654	658	660	rBV3	528329	744331	11.33%	0.416%
16	6.251	669	674	677	rBV	2153279	2686033	40.88%	1.502%
17	6.351	687	691	699	rBV4	2381672	4057361	61.75%	2.270%
18	6.434	699	705	708	rBV5	562449	1046852	15.93%	0.586%
19	6.475	708	712	717	rBV3	1936662	2936723	44.70%	1.643%
20	6.557	721	726	731	rBV5	1717933	3441655	52.38%	1.925%
21	6.593	731	732	738	rVB2	1455118	1654842	25.19%	0.926%
22	6.657	738	743	744	rBV2	781922	924029	14.06%	0.517%
23	6.675	744	746	749	rVB	970914	819020	12.47%	0.458%
24	6.757	753	760	761	rBV5	684511	1233998	18.78%	0.690%
25	6.816	766	770	771	rVV2	697833	1050155	15.98%	0.587%
26	6.834	771	773	776	rVB	2370190	1953976	29.74%	1.093%
27	6.875	776	780	783	rBV	953294	1112005	16.92%	0.622%
28	6.910	783	786	788	rBV3	903425	1103730	16.80%	0.617%
29	6.934	788	790	792	rVB	841880	647507	9.85%	0.362%
30	6.969	792	796	799	rVB	2801208	2798172	42.59%	1.565%
31	6.998	799	801	804	rVB	964430	792585	12.06%	0.443%
32	7.051	807	810	811	rBV2	989276	973809	14.82%	0.545%
33	7.093	811	817	820	rVB3	1680412	2849294	43.36%	1.594%
34	7.169	826	830	832	rBV3	791057	899217	13.69%	0.503%
35	7.216	832	838	840	rBV3	2031709	2180749	33.19%	1.220%
36	7.245	840	843	849	rVB4	839374	1198211	18.24%	0.670%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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	7.293	849	851	855	rBV2	467565	621914	9.47%	0.348%
38	7.357	855	862	864	rBV2	2867056	4490333	68.34%	2.512%
39	7.398	867	869	875	rVB3	1779748	2056263	31.30%	1.150%
40	7.463	875	880	883	rVB4	1839518	2821454	42.94%	1.578%
41	7.510	883	888	894	rBV4	958580	2398629	36.51%	1.342%
42	7.598	900	903	906	rBV2	948182	1103612	16.80%	0.617%
43	7.628	906	908	911	rVB3	1866772	1606326	24.45%	0.899%
44	7.704	918	921	923	rBV2	984392	1292936	19.68%	0.723%
45	7.728	923	925	926	rVV	985571	695587	10.59%	0.389%
46	7.745	926	928	932	rVB3	2345092	2005073	30.52%	1.122%
47	7.781	932	934	937	rVB4	614342	711581	10.83%	0.398%
48	7.845	942	945	946	rBV2	888432	824786	12.55%	0.461%
49	7.922	955	958	963	rBV3	1153309	1487156	22.63%	0.832%
50	7.975	964	967	971	rBV3	1241804	1524415	23.20%	0.853%
51	8.045	976	979	980	rBV2	810991	750227	11.42%	0.420%
52	8.098	984	988	992	rBV6	1264400	2155129	32.80%	1.205%
53	8.175	998	1001	1003	rVB	3223616	2759758	42.00%	1.544%
54	8.198	1003	1005	1008	rVB2	1053775	845270	12.86%	0.473%
55	8.263	1012	1016	1018	rBV3	869667	1112502	16.93%	0.622%
56	8.316	1021	1025	1027	rVB2	1463826	1494768	22.75%	0.836%
57	8.398	1031	1039	1042	rBV6	2479934	4205166	64.00%	2.352%
58	8.492	1052	1055	1058	rVB3	1131534	1141198	17.37%	0.638%
59	8.539	1058	1063	1064	rBV	4866449	4918521	74.86%	2.751%
60	8.569	1067	1068	1071	rVB2	1253622	1022656	15.56%	0.572%
61	8.616	1073	1076	1078	rVB2	1172700	896129	13.64%	0.501%
62	8.651	1078	1082	1084	rBV3	1595208	1912860	29.11%	1.070%
63	8.704	1088	1091	1094	rBV4	642947	895707	13.63%	0.501%
64	8.798	1104	1107	1110	rVB3	2640510	3024902	46.04%	1.692%
65	8.857	1115	1117	1119	rVV2	1024028	828295	12.61%	0.463%
66	8.892	1119	1123	1125	rVV5	993993	1606887	24.46%	0.899%
67	8.992	1136	1140	1142	rBV4	823823	1111973	16.92%	0.622%
68	9.022	1142	1145	1148	rVB2	1848126	1955727	29.77%	1.094%
69	9.104	1157	1159	1161	rVV3	741223	719014	10.94%	0.402%
70	9.139	1161	1165	1168	rVV	5268115	5276642	80.31%	2.952%
71	9.181	1170	1172	1174	rVB	1625062	1193809	18.17%	0.668%
72	9.275	1183	1188	1192	rBV3	1694909	2608220	39.70%	1.459%
73	9.310	1192	1194	1197	rBV4	676436	746893	11.37%	0.418%
74	9.386	1204	1207	1210	rVB4	830390	936771	14.26%	0.524%
75	9.457	1216	1219	1222	rVB2	1531543	1235280	18.80%	0.691%
76	9.528	1228	1231	1233	rBV	1639877	1583875	24.11%	0.886%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

77	9.551	1233	1235	1237	rVV2	1366544	1153101	17.55%	0.645%
78	9.592	1237	1242	1245	rVV2	4942144	5543137	84.36%	3.101%
79	9.645	1248	1251	1253	rBV2	828720	679793	10.35%	0.380%
80	9.734	1263	1266	1269	rBV2	1025577	1357899	20.67%	0.760%
81	9.775	1270	1273	1276	rVB2	1420126	1537068	23.39%	0.860%
82	9.863	1281	1288	1291	rBV6	986699	2124302	32.33%	1.188%
83	9.975	1304	1307	1311	rVB2	1274864	1449061	22.05%	0.811%
84	10.016	1311	1314	1317	rBV4	645364	1053304	16.03%	0.589%
85	10.063	1319	1322	1327	rVV3	1715560	2506293	38.14%	1.402%
86	10.116	1328	1331	1339	rVB3	1657219	3130077	47.64%	1.751%
87	10.186	1340	1343	1345	rBV2	1501960	1488735	22.66%	0.833%
88	10.216	1345	1348	1349	rVV	858880	733451	11.16%	0.410%
89	10.233	1349	1351	1354	rVB2	761147	795879	12.11%	0.445%
90	10.275	1354	1358	1363	rBV5	1332527	1910939	29.08%	1.069%
91	10.410	1378	1381	1383	rBV2	819495	886408	13.49%	0.496%
92	10.522	1396	1400	1403	rVB	3804432	3899132	59.34%	2.181%
93	10.569	1405	1408	1412	rVB3	774397	1044260	15.89%	0.584%
94	10.792	1441	1446	1449	rBV	5637913	6570550	100.00%	3.675%
95	11.251	1521	1524	1530	rVB	3696526	4167272	63.42%	2.331%
96	11.357	1539	1542	1544	rBV2	793907	855506	13.02%	0.479%
97	11.598	1580	1583	1586	rBV	1152145	1096542	16.69%	0.613%
98	12.333	1705	1708	1713	rVB	654118	804120	12.24%	0.450%
99	12.933	1806	1810	1813	rBV2	1329376	1438853	21.90%	0.805%
100	13.992	1987	1990	1993	rBV	636746	651855	9.92%	0.365%

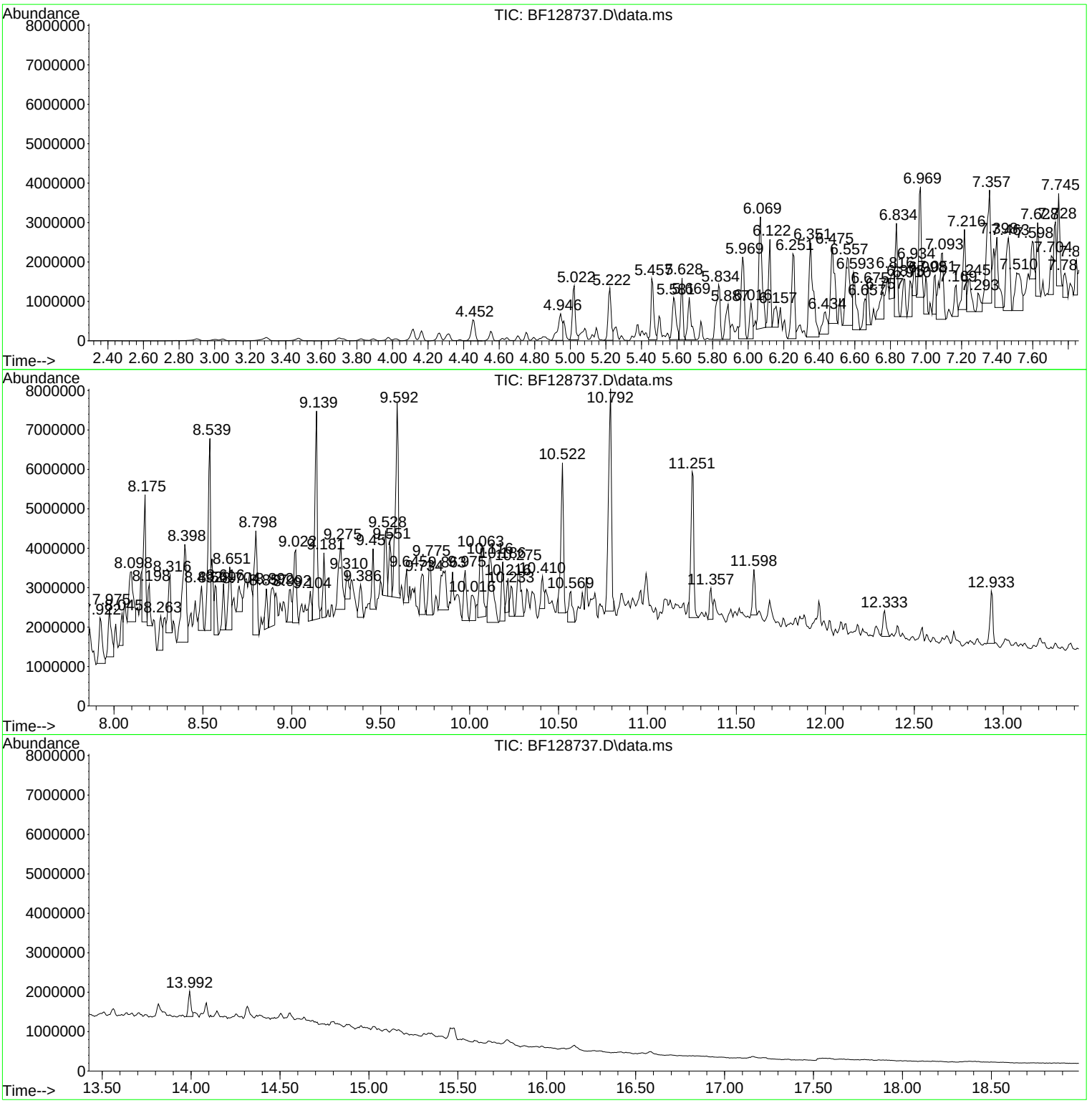
Sum of corrected areas: 178776336

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

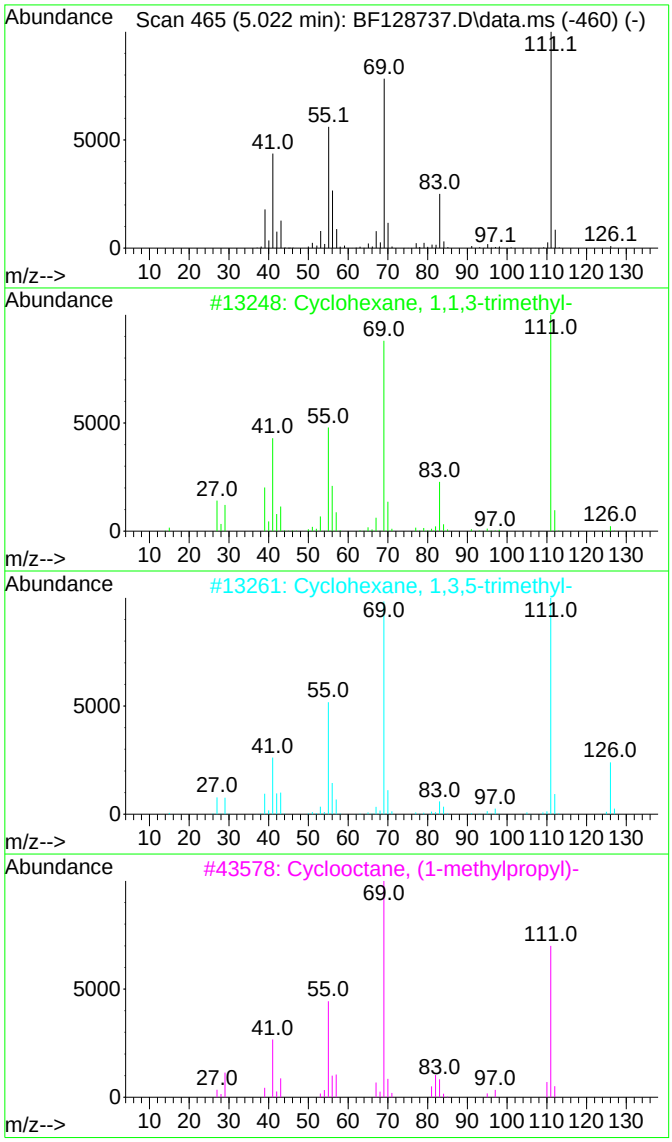
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

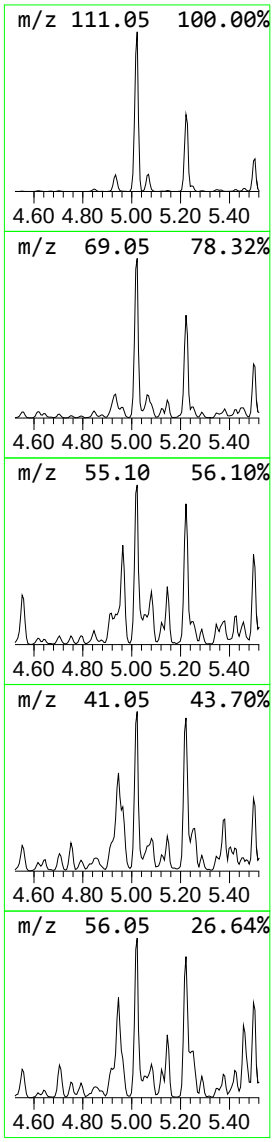
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	29.81 ng	1565230	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	56
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

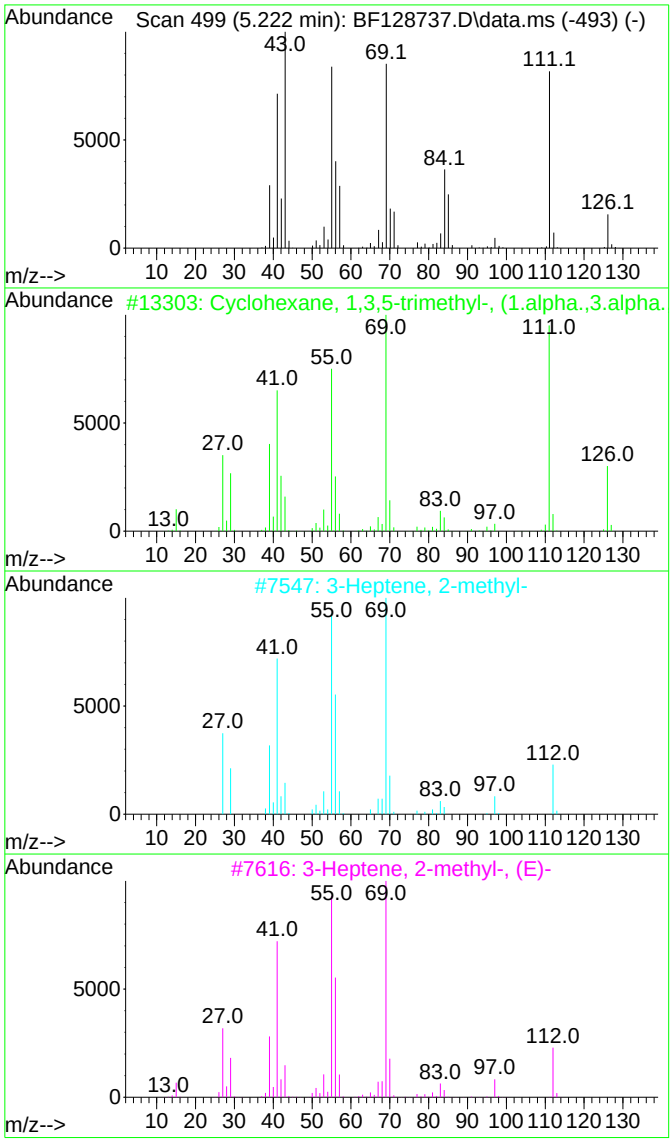
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

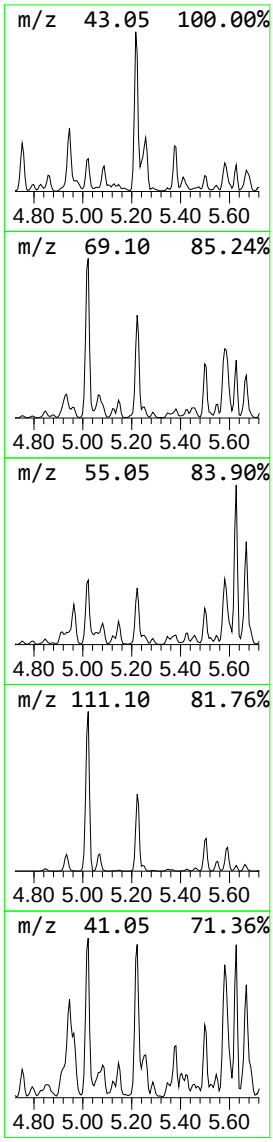
****

Peak Number 2 unknown5.222 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.222	30.15 ng	1583300	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	46
2	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	45
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	45
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43
5	2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

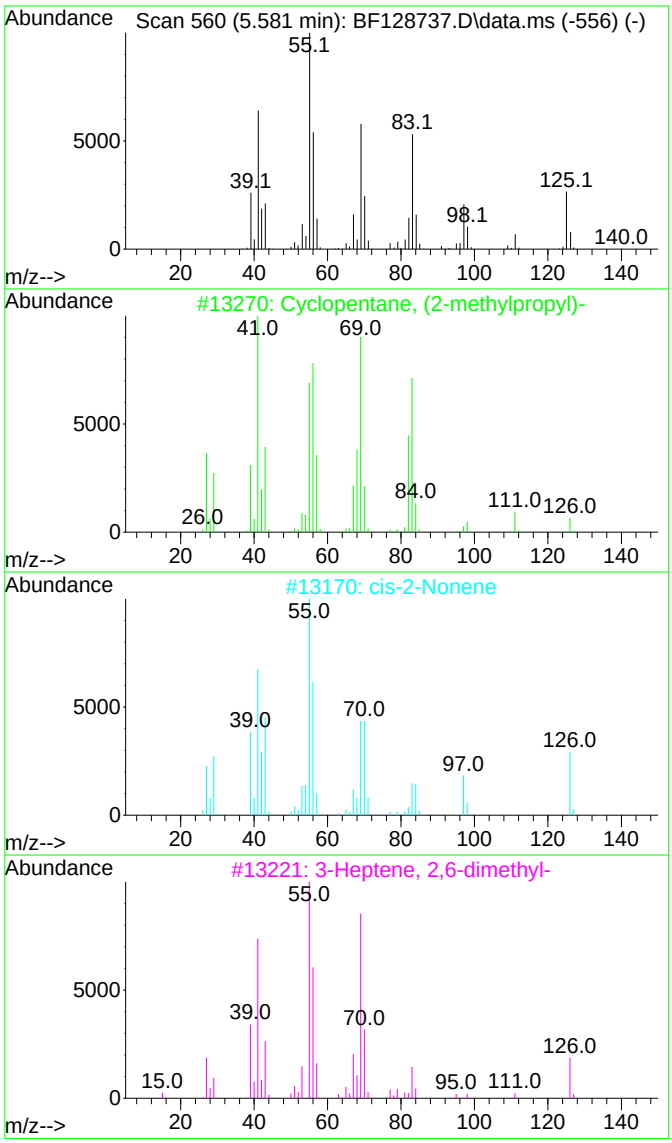
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

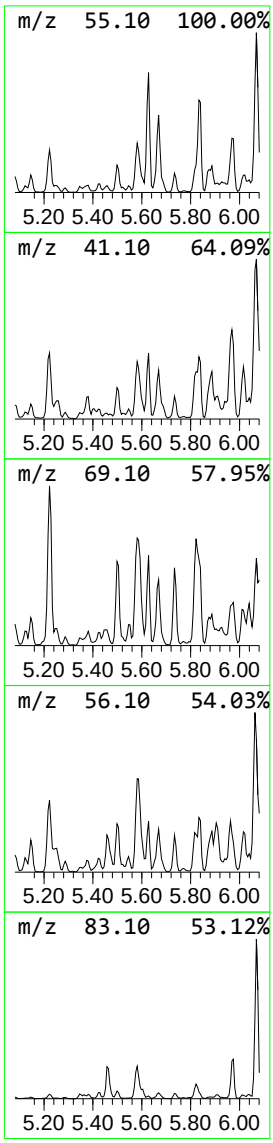
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, (2-methylprop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.581	30.72 ng	1613130	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	64
2	cis-2-Nonene	126	C9H18	006434-77-1	53
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
5	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

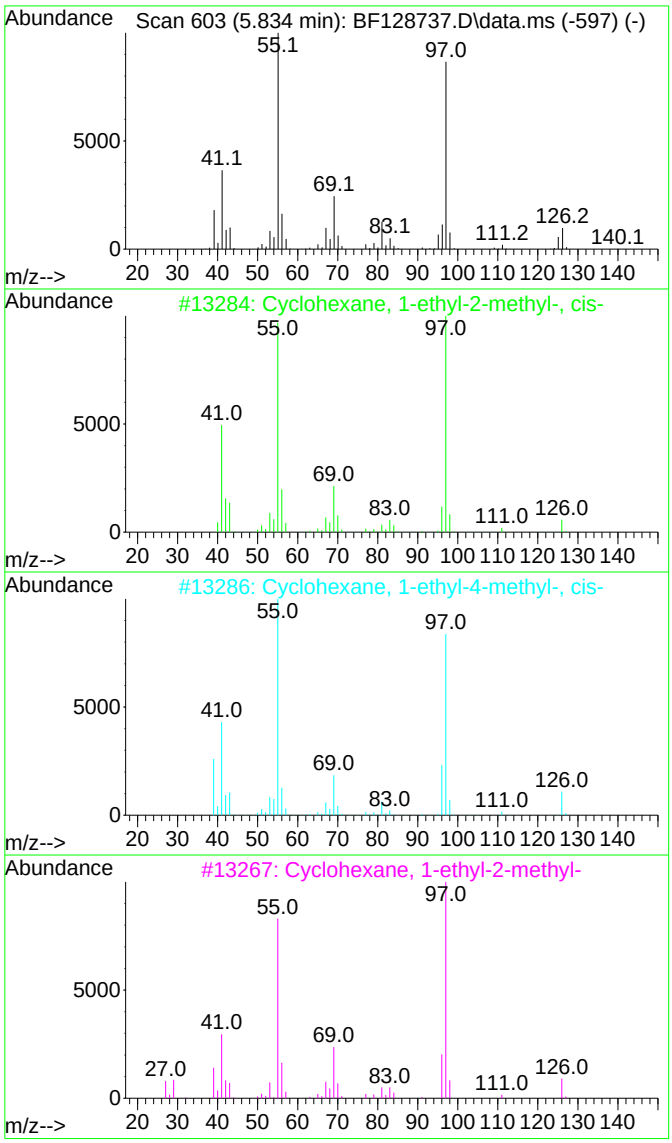
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

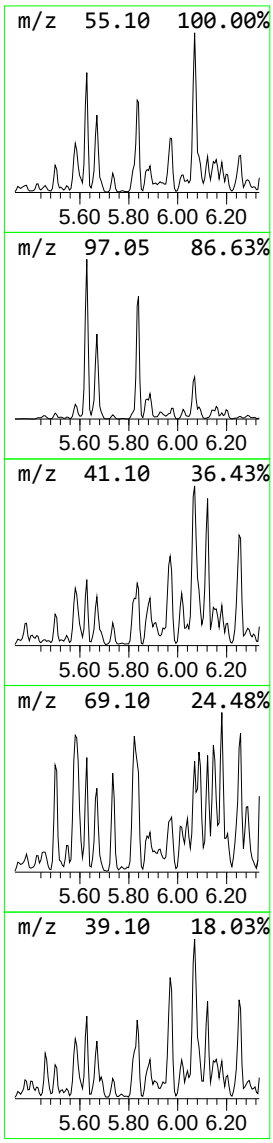
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	42.05 ng	2208040	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

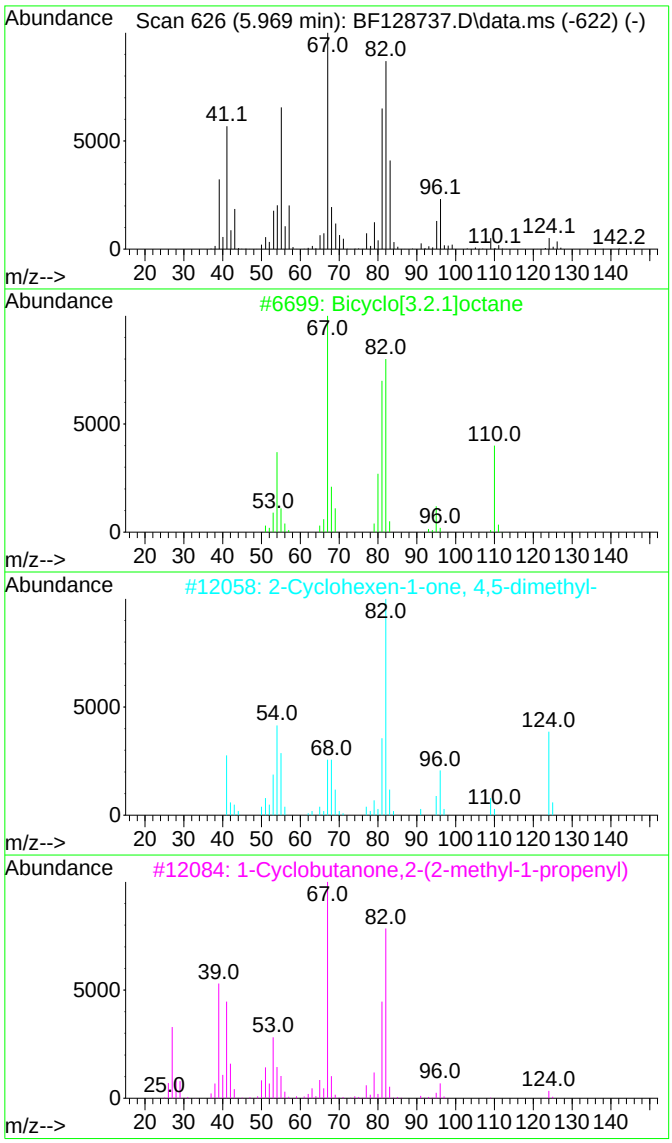
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

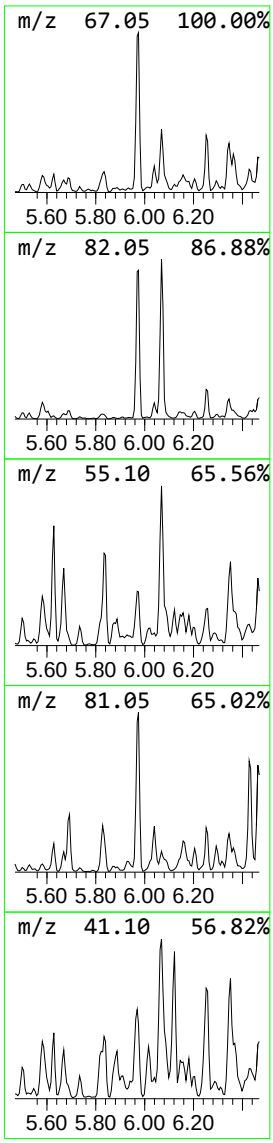
****

Peak Number 5 Bicyclo[3.2.1]octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.969	50.85 ng	2669870	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	64
2	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	58
3	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	58
4	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	58
5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

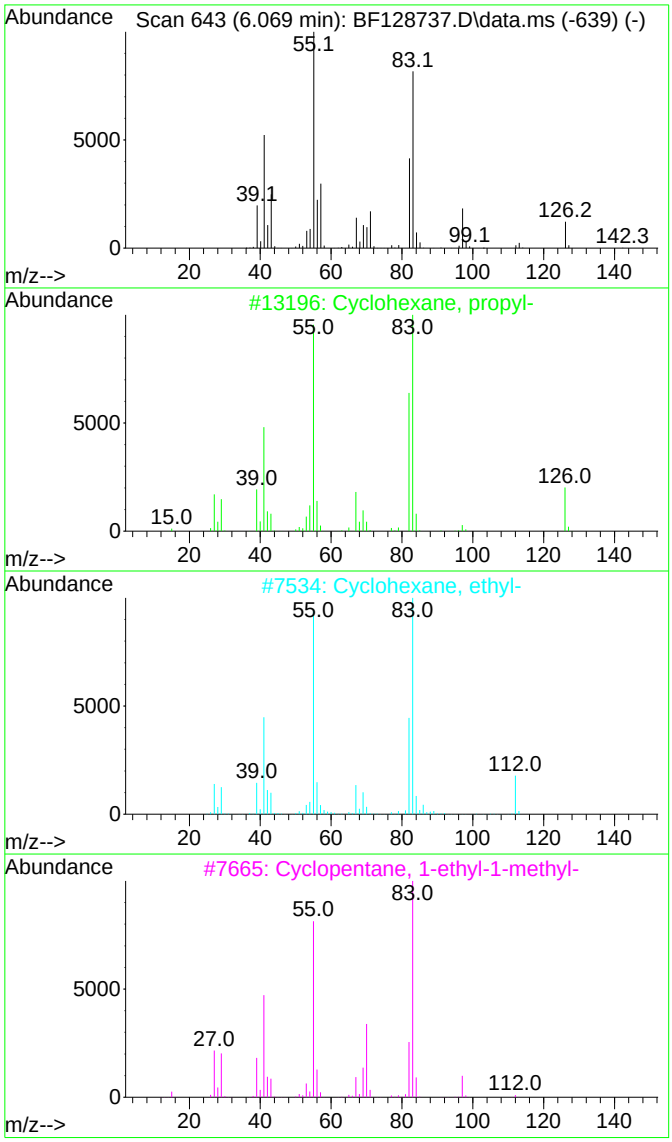
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

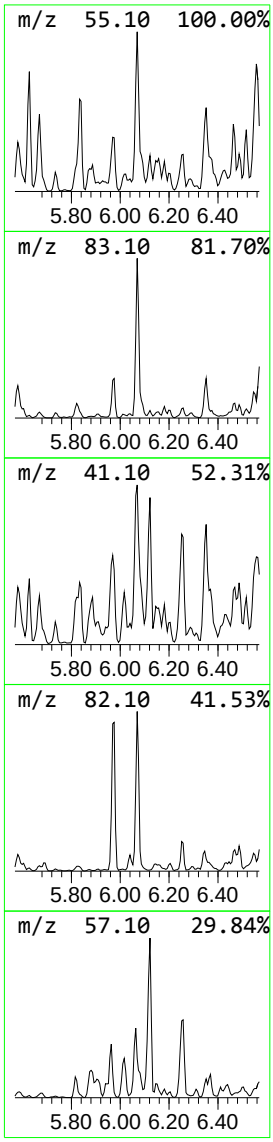
****

Peak Number 6 Cyclohexane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.069	73.05 ng	3835620	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	52
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	47
5	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

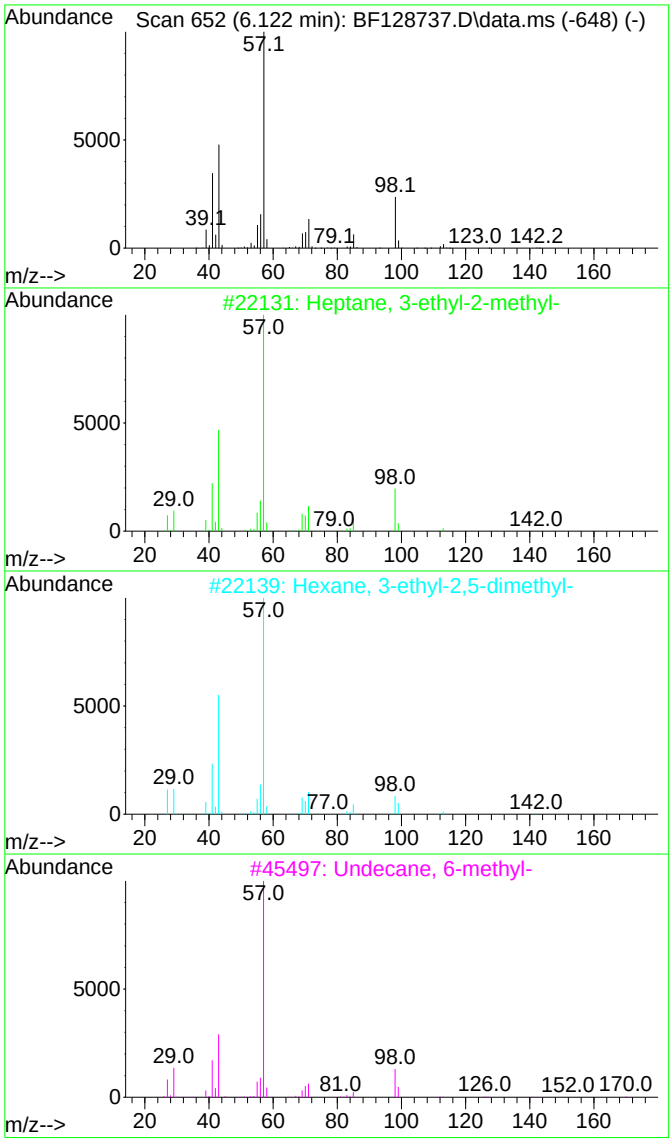
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

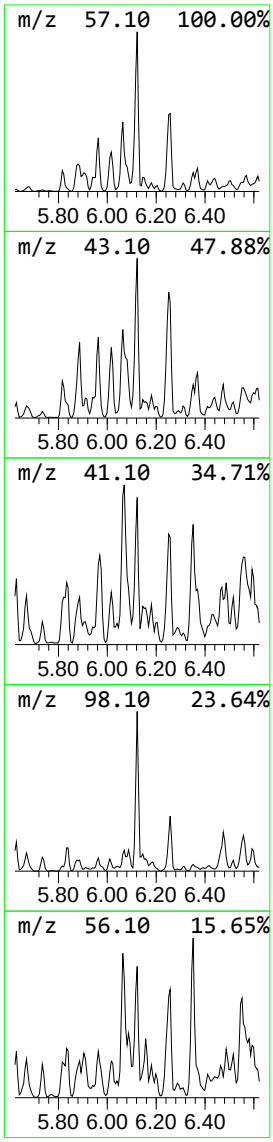
****

Peak Number 7 Heptane, 3-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.122	36.91 ng	1938290	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	76
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Tridecane, 2,2,4,10,12,12-hexame...	394	C28H58	003035-75-4	59
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

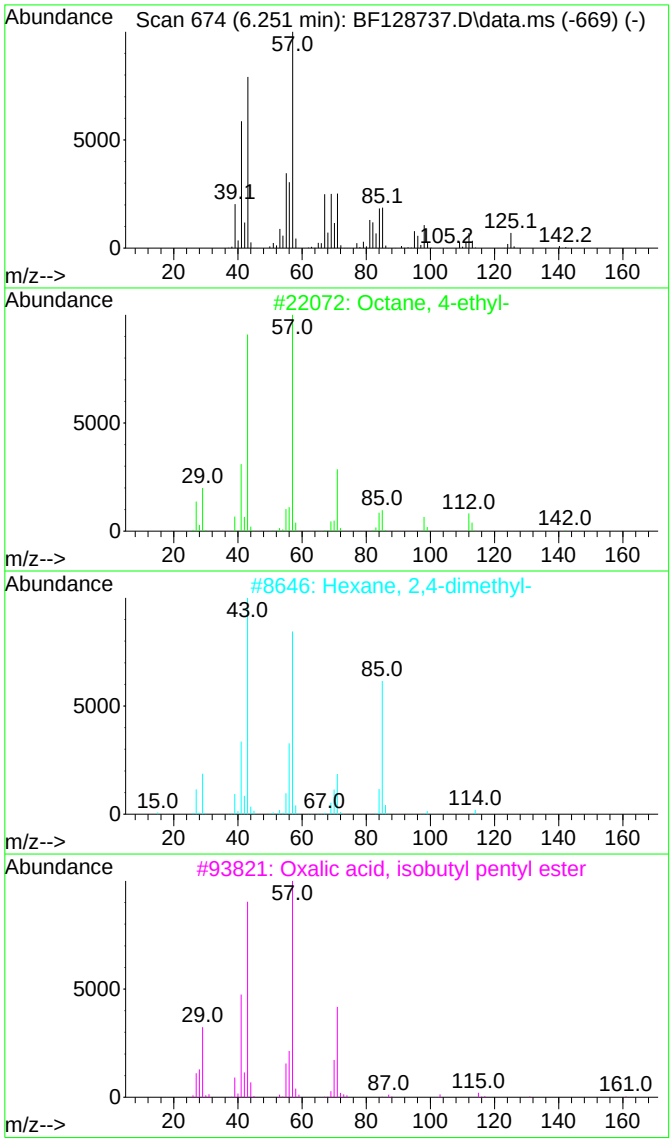
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

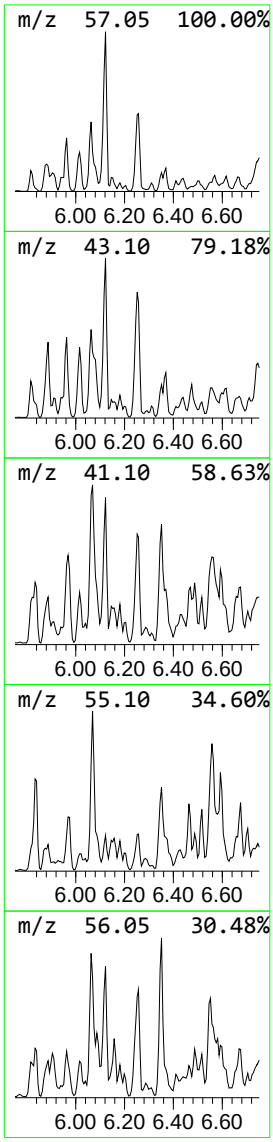
****

Peak Number 8 unknown6.251 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	51.16 ng	2686030	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	49
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	35
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

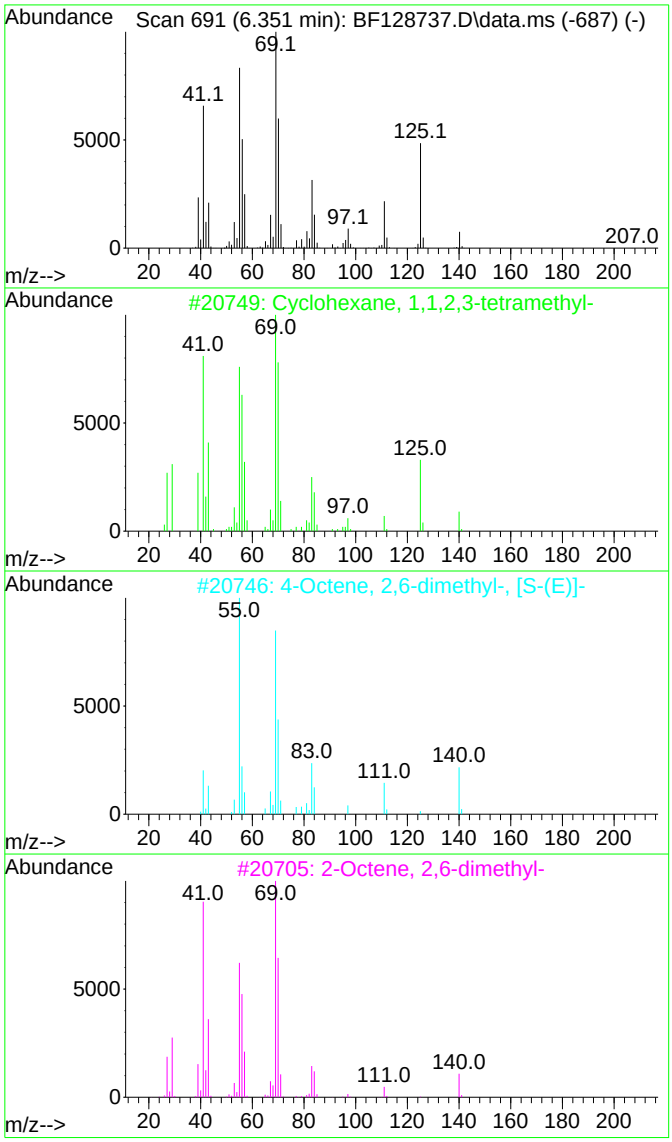
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

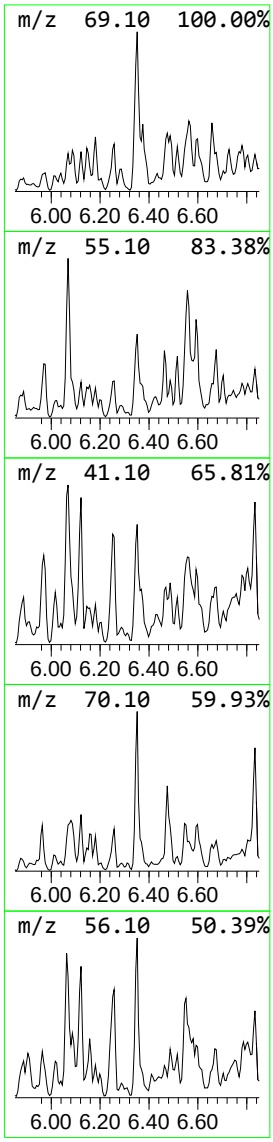
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	77.27 ng	4057360	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
4	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	59
5	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

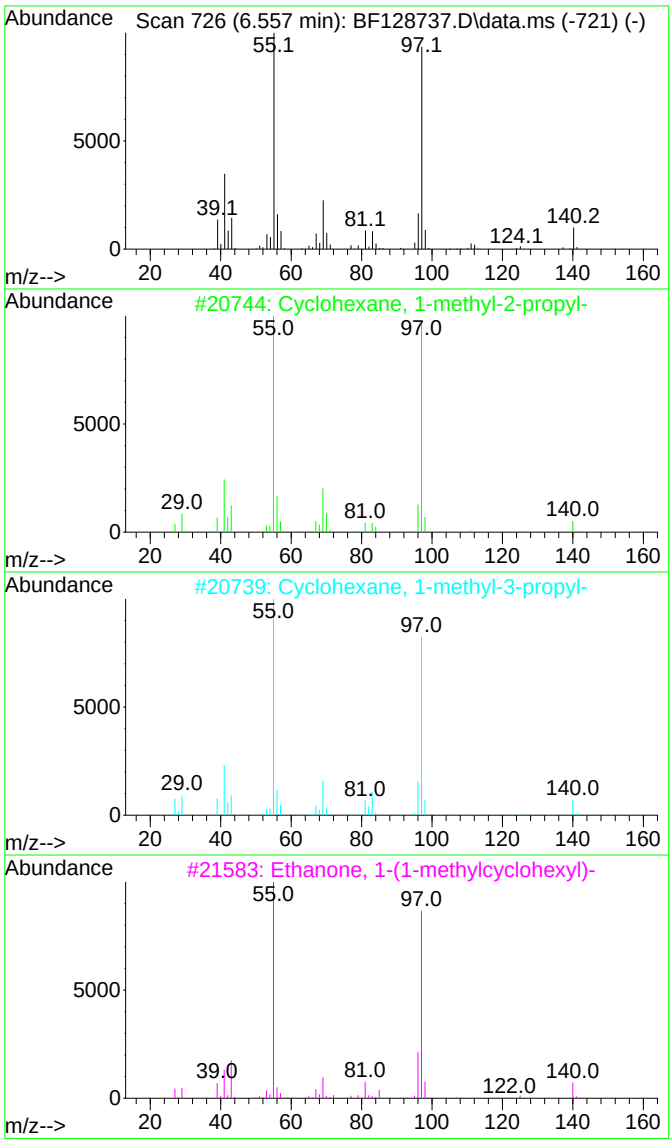
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

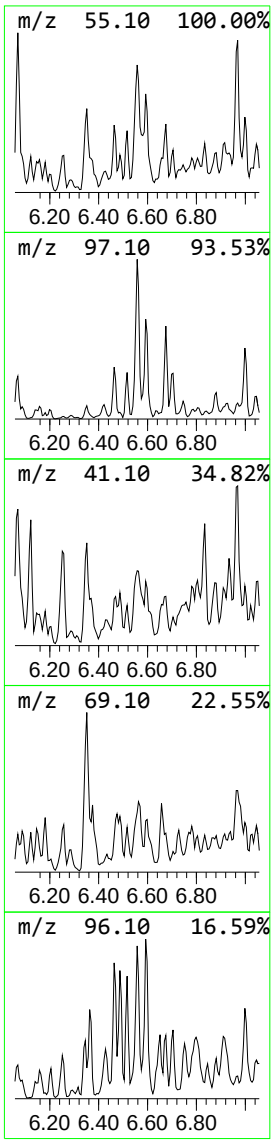
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-methyl-2-pro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	65.55 ng	3441660	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	93
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

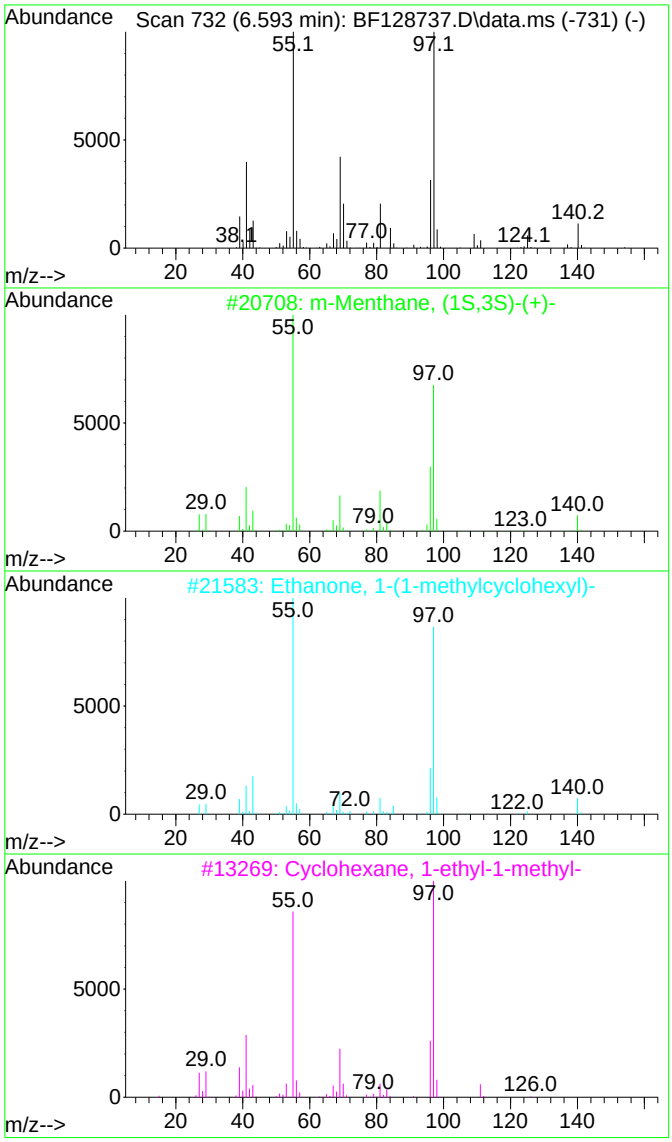
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

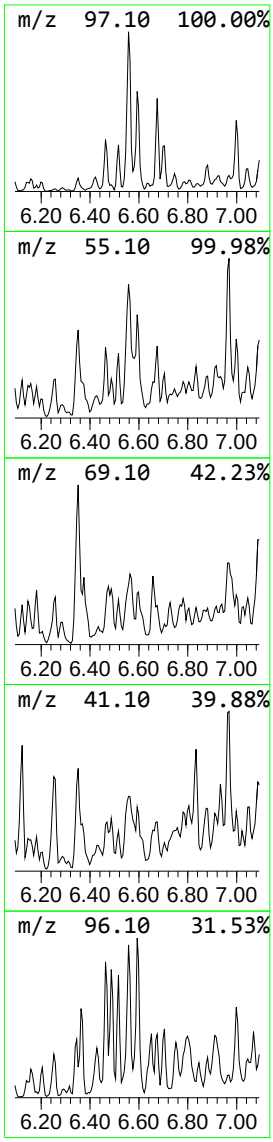
****

Peak Number 11 m-Menthane, (1S,3S)-(+)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.593	31.52 ng	1654840	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
4	Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	53
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

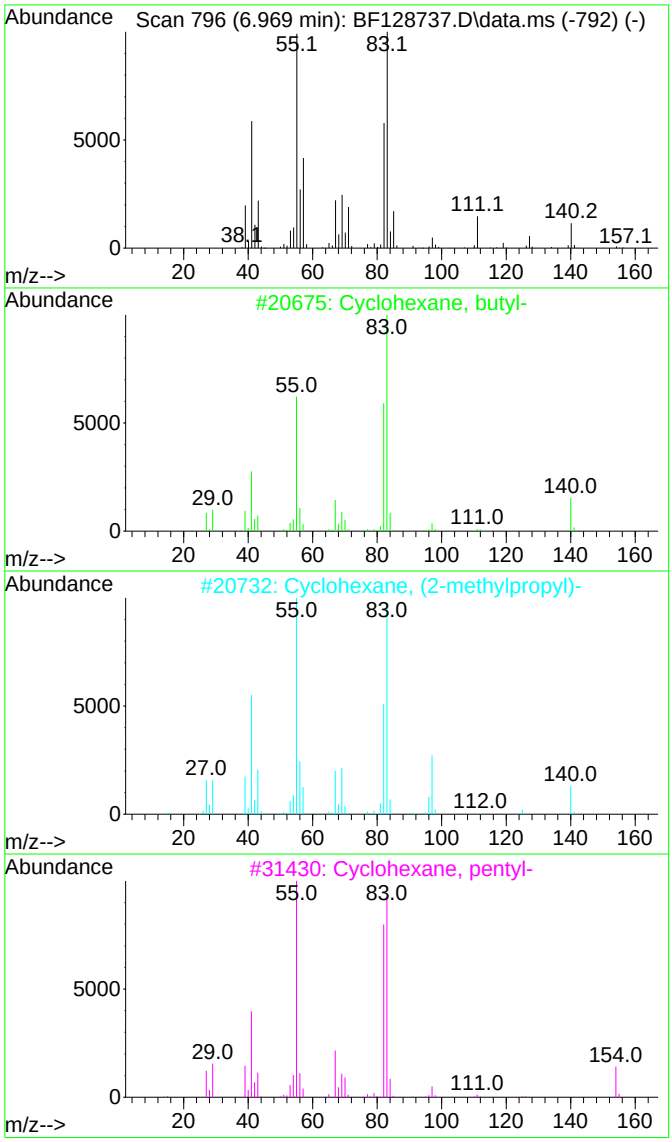
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

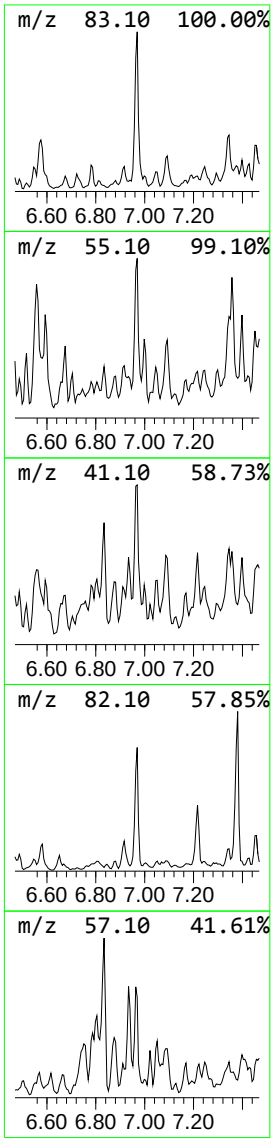
****

Peak Number 12 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	53.29 ng	2798170	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

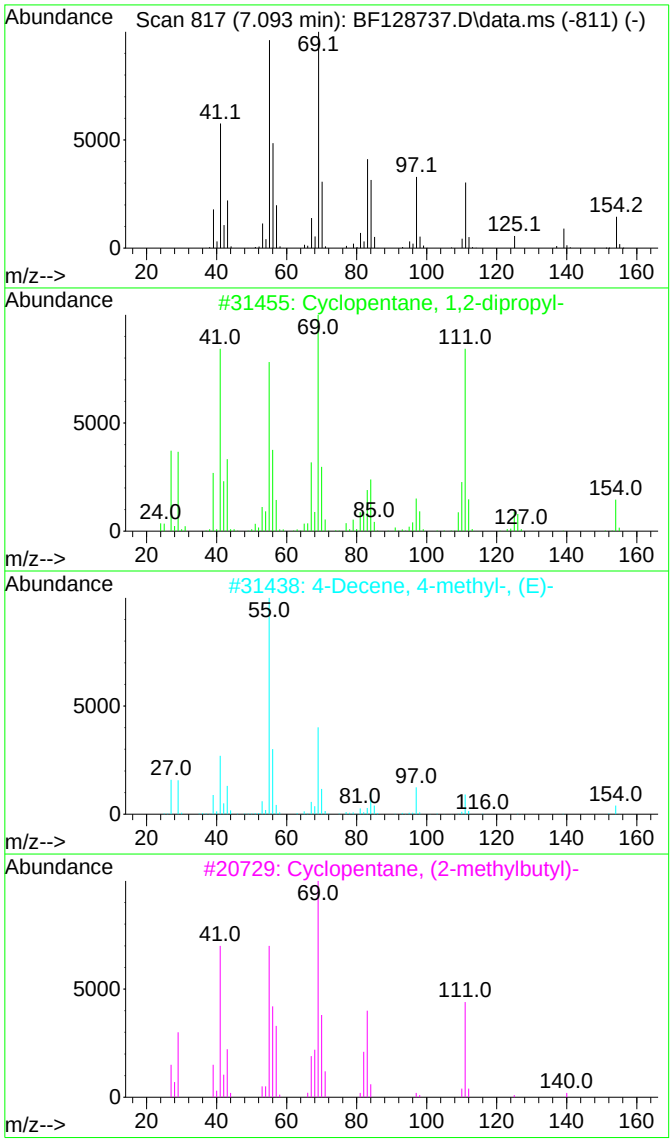
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

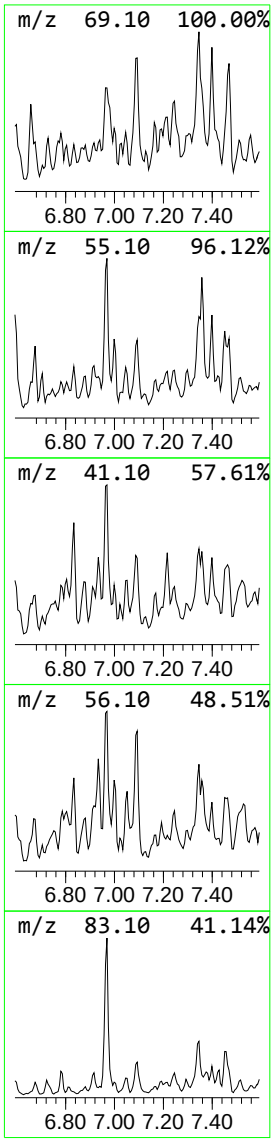
****

Peak Number 13 Cyclopentane, 1,2-dipropyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.093	54.26 ng	2849290	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	58
2	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	53
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	49
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

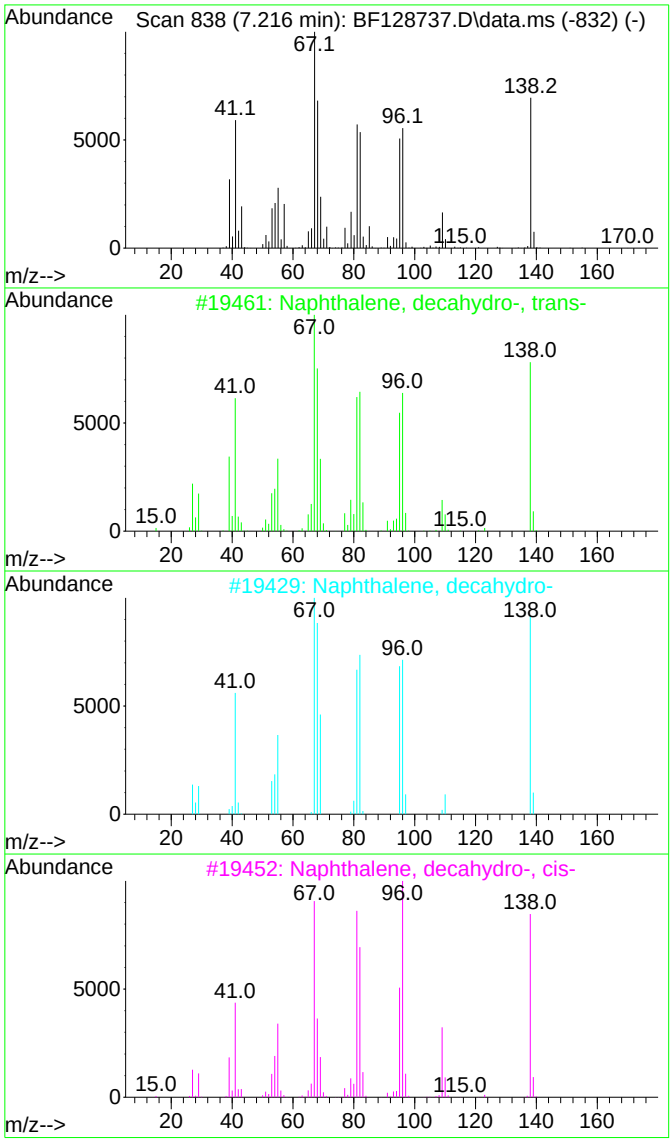
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

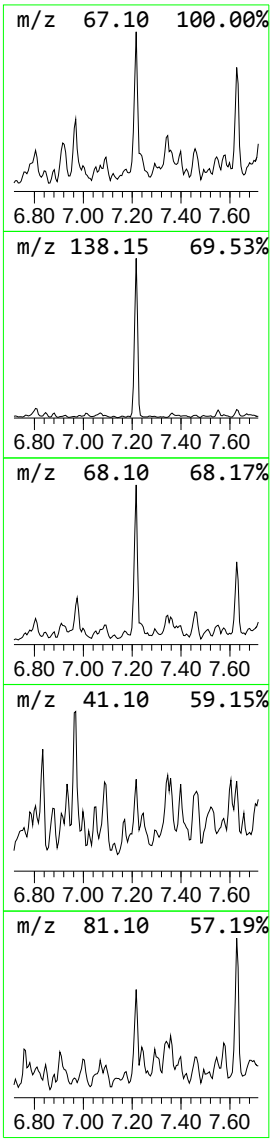
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.216	41.53 ng	2180750	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	68
5	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

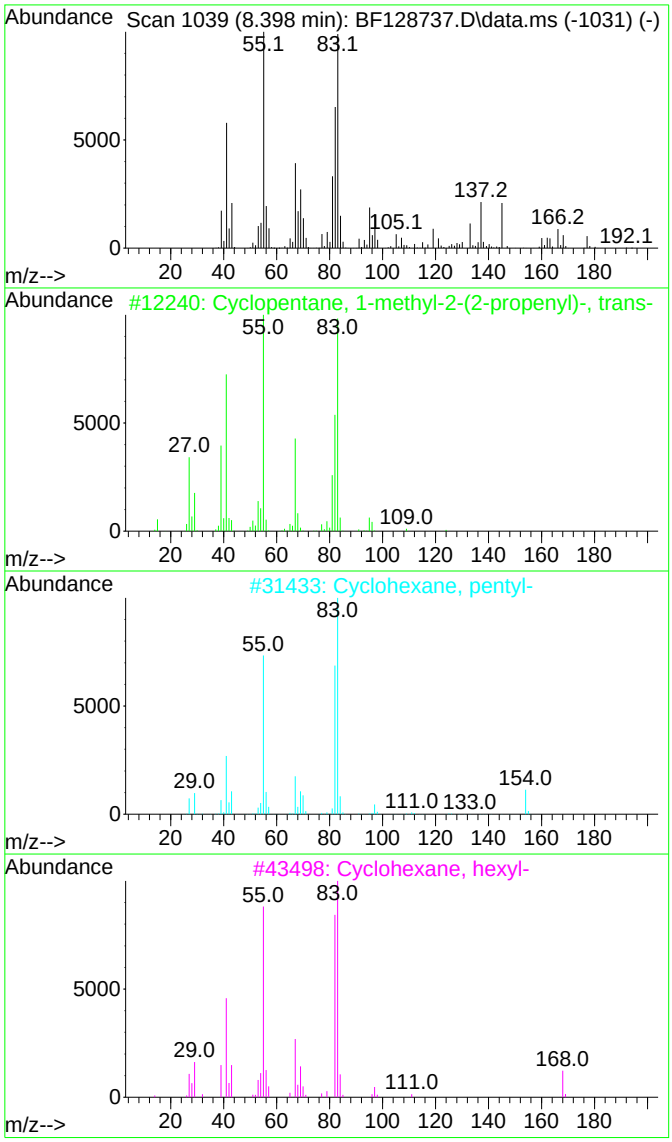
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

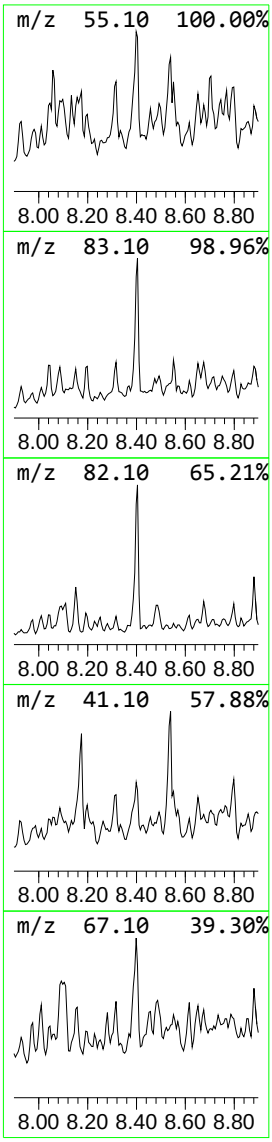
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopentane, 1-methyl-2-(2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	39.02 ng	4205170	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	50
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

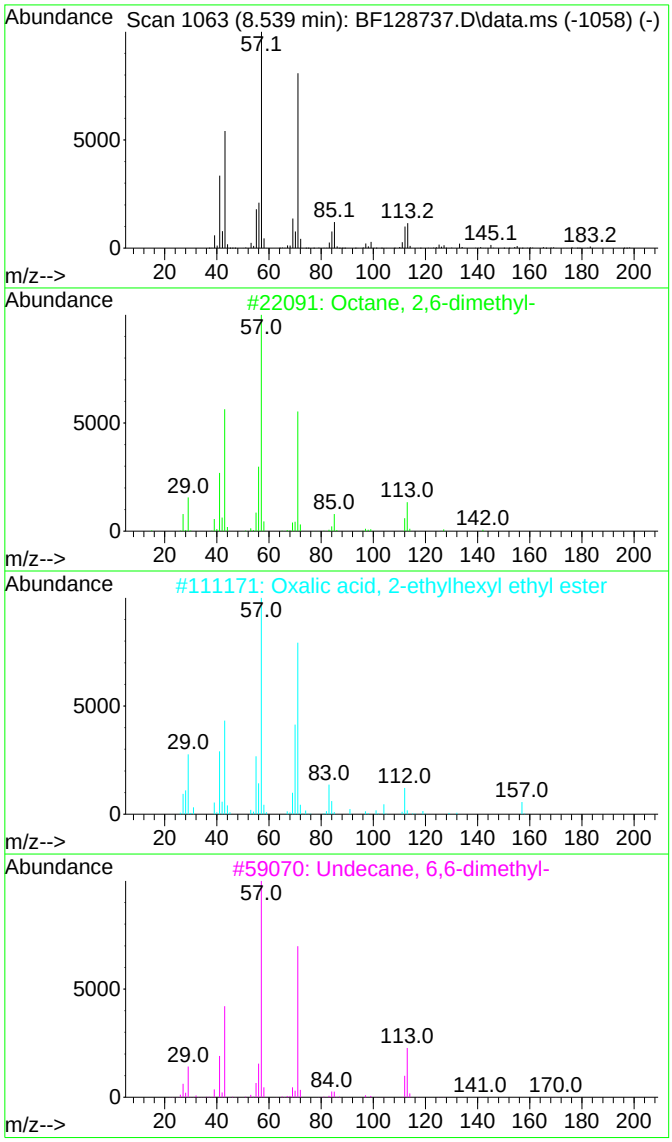
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

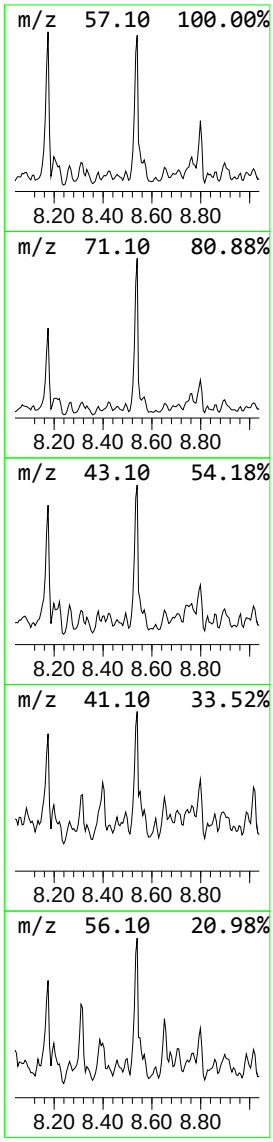
****

Peak Number 16 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	45.64 ng	4918520	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

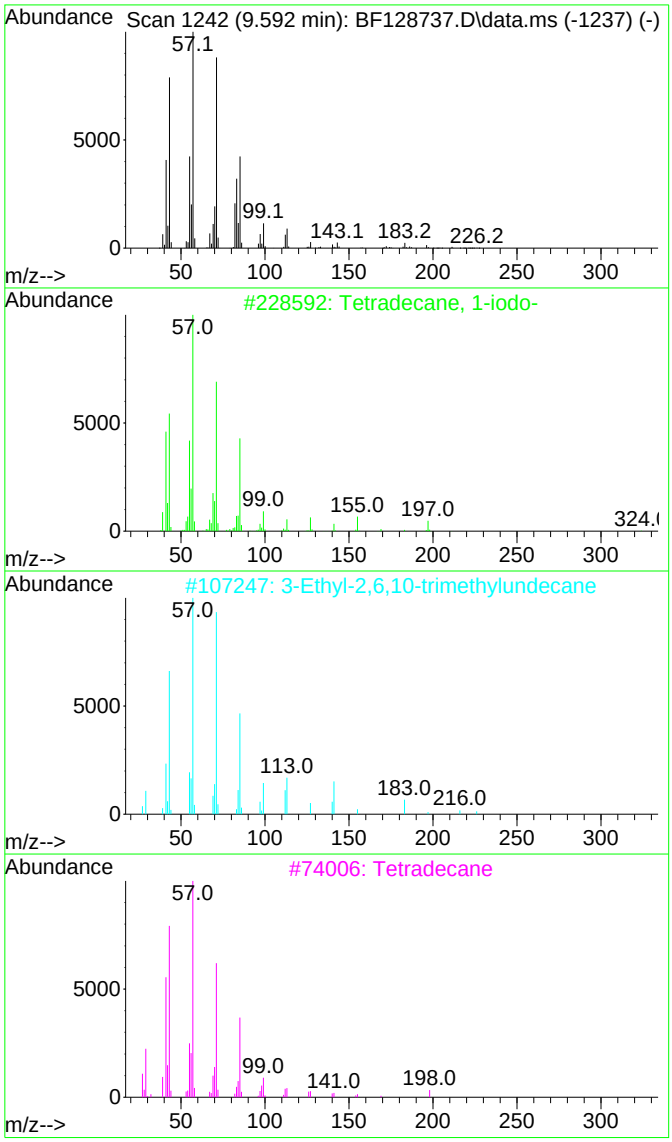
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

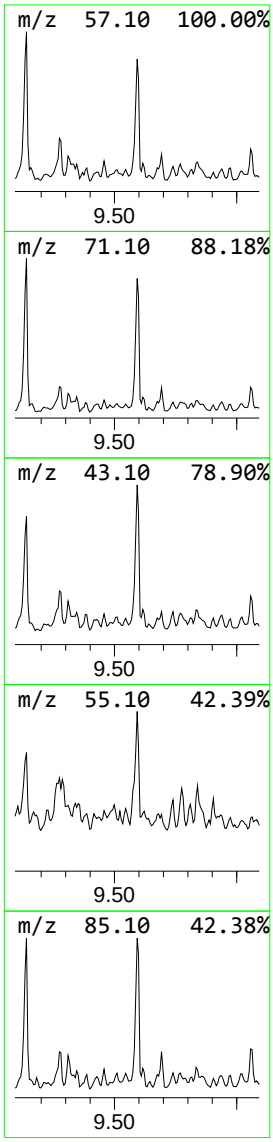
****

Peak Number 17 Tetradecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	52.19 ng	5543140	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

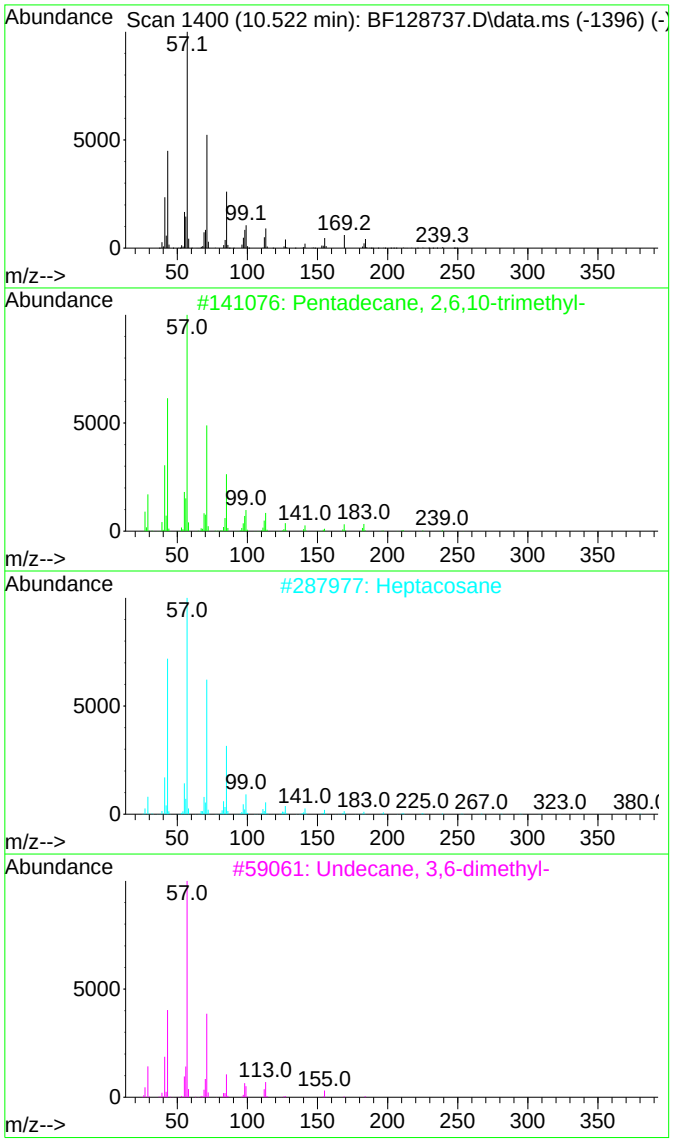
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

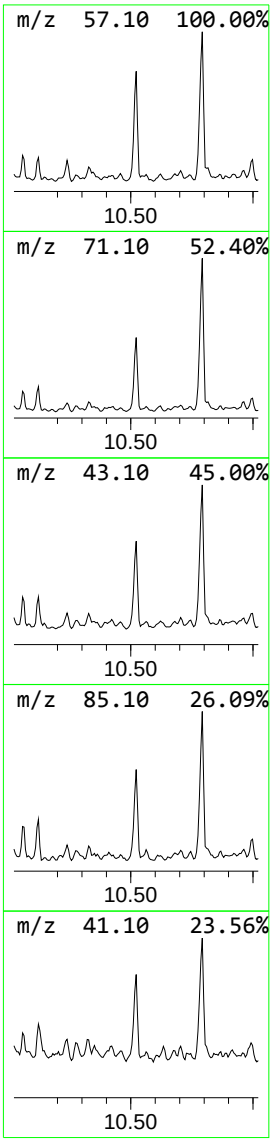
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	36.71 ng	3899130	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Heptacosane	380	C27H56	000593-49-7	80
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

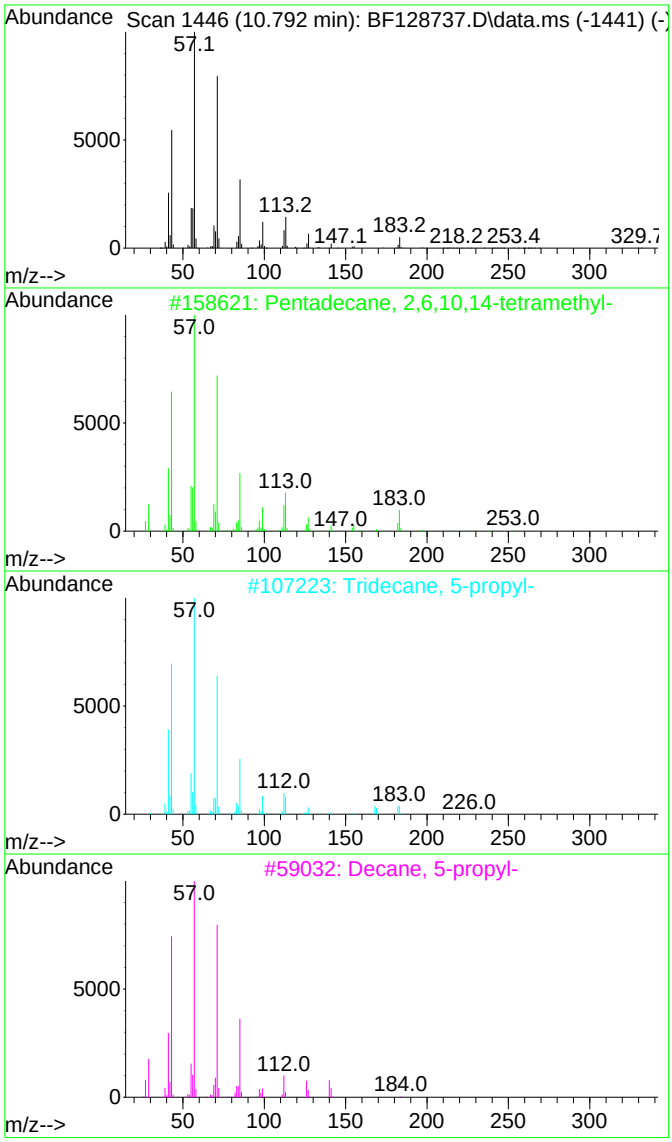
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

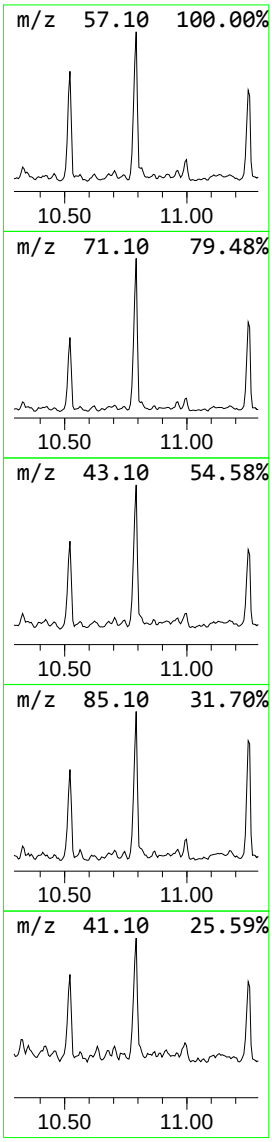
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	153.61 ng	6570550	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Decane, 5-propyl-	184	C13H28	017312-62-8	87
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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

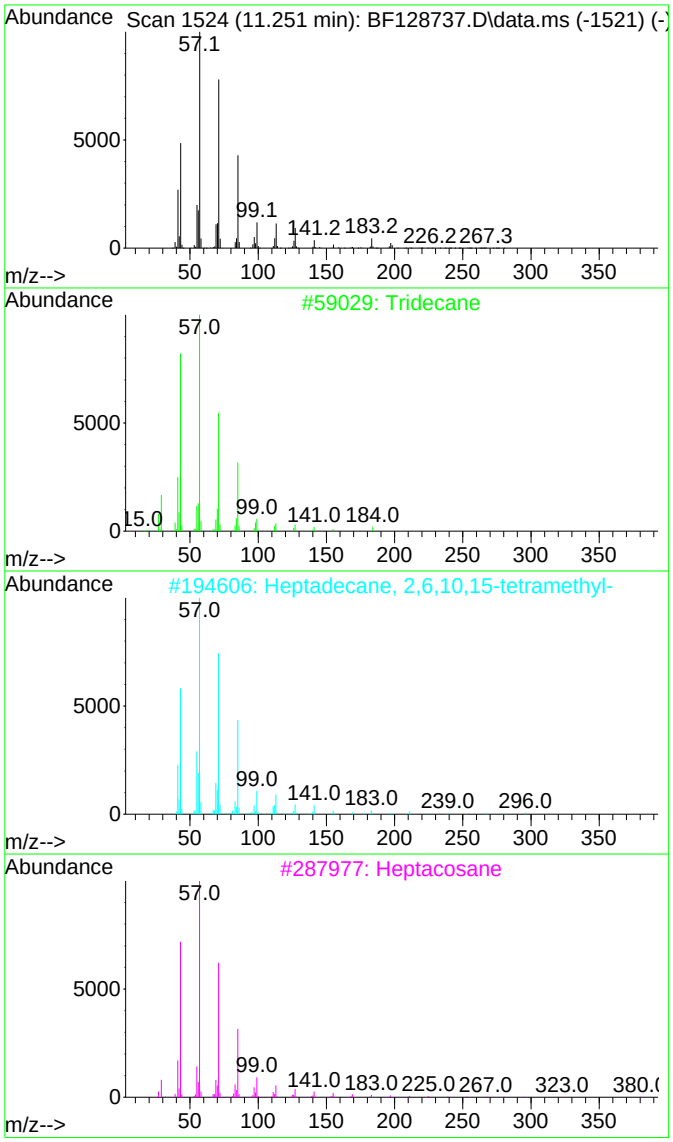
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

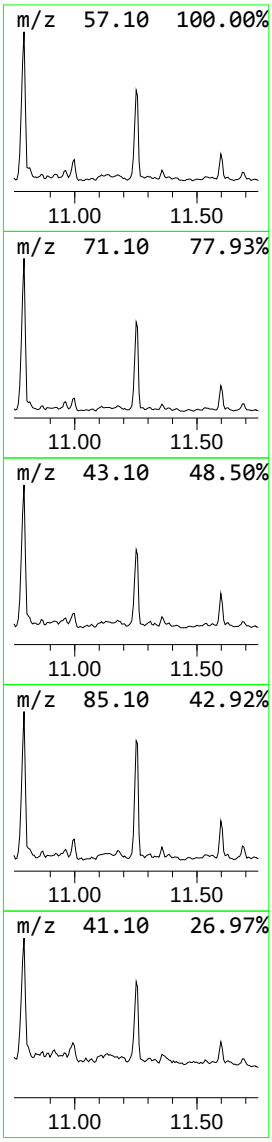
****

Peak Number 20 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	97.42 ng	4167270	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128737.D
Acq On : 08 Jun 2022 16:02
Operator : CG\JU
Sample : N3209-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

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, 1,...	5.022	29.8	ng	1565230	1	6.816	1050160	20.0
unknown5.222	5.222	30.1	ng	1583300	1	6.816	1050160	20.0
Cyclopentane, (...	5.581	30.7	ng	1613130	1	6.816	1050160	20.0
Cyclohexane, 1-...	5.834	42.0	ng	2208040	1	6.816	1050160	20.0
Bicyclo[3.2.1]o...	5.969	50.9	ng	2669870	1	6.816	1050160	20.0
Cyclohexane, pr...	6.069	73.0	ng	3835620	1	6.816	1050160	20.0
Heptane, 3-ethy...	6.122	36.9	ng	1938290	1	6.816	1050160	20.0
unknown6.251	6.251	51.2	ng	2686030	1	6.816	1050160	20.0
Cyclohexane, 1,...	6.351	77.3	ng	4057360	1	6.816	1050160	20.0
Cyclohexane, 1-...	6.557	65.5	ng	3441660	1	6.816	1050160	20.0
m-Menthane, (1S...	6.593	31.5	ng	1654840	1	6.816	1050160	20.0
Cyclohexane, bu...	6.969	53.3	ng	2798170	1	6.816	1050160	20.0
Cyclopentane, 1...	7.093	54.3	ng	2849290	1	6.816	1050160	20.0
Naphthalene, de...	7.216	41.5	ng	2180750	1	6.816	1050160	20.0
Cyclopentane, 1...	8.398	39.0	ng	4205170	2	8.104	2155130	20.0
Octane, 2,6-dim...	8.539	45.6	ng	4918520	2	8.104	2155130	20.0
Tetradecane, 1-...	9.592	52.2	ng	5543140	3	9.863	2124300	20.0
Pentadecane, 2,...	10.522	36.7	ng	3899130	3	9.863	2124300	20.0
Pentadecane, 2,...	10.792	153.6	ng	6570550	4	11.351	855506	20.0
Tridecane	11.251	97.4	ng	4167270	4	11.351	855506	20.0