LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.469	221	235	240	rBV	264686	618576	11.40%	0.571%
2	3.604	248	258	264	rVV	258028	570296	10.51%	0.526%
3	3.687	267	272	278	rVV	179318	334427	6.16%	0.309%
4	3.810	286	293	302	rVV2	458350	1027267	18.93%	0.948%
5	3.957	311	318	324	rVV	573236	946476	17.44%	0.873%
6	4.104	333	343	347	rBV2	357569	571783	10.53%	0.527%
7	4.293	371	375	380	rVV	205973	349079	6.43%	0.322%
8	4.428	394	398	404	rVB4	379280	670475	12.35%	0.619%
9	4.540	410	417	422	rBV3	366716	608498	11.21%	0.561%
10	4.851	466	470	474	rVV2	240129	339012	6.25%	0.313%
11	4.928	480	483	492	rVB2	725534	1019709	18.79%	0.941%
12	5.128	511	517	520	rVV2	179425	322138	5.94%	0.297%
13	5.198	525	529	532	rVV	442160	517843	9.54%	0.478%
14	5.228	532	534	539	rVB3	287549	442043	8.14%	0.408%
15	5.292	539	545	547	rBV2	925434	1288677	23.74%	1.189%
16	5.316	547	549	551	rVV	1382802	1142431	21.05%	1.054%
17	5.392	558	562	564	rVV	1509613	1637881	30.18%	1.511%
18	5.428	564	568	571	rVV	864803	970484	17.88%	0.895%
19	5.457	571	573	575	rVV	352166	353192	6.51%	0.326%
20	5.563	586	591	596	rVV3	515665	898534	16.55%	0.829%
21	5.640	601	604	606	rBV2	430084	497568	9.17%	0.459%
22	5.698	610	614	620	rVB2	496795	646701	11.92%	0.597%
23	5.810	631	633	636	rVB	400480	344511	6.35%	0.318%
24	5.851	636	640	643	rBV3	407258	604952	11.15%	0.558%
25	5.940	648	655	656	rBV	609881	796937	14.68%	0.735%
26	5.957	656	658	661	rVV	932797	833185	15.35%	0.769%
27	5.987	661	663	666	rVV2	372717	374181	6.89%	0.345%
28	6.034	668	671	674	rVV2	966741	964826	17.78%	0.890%
29	6.081	677	679	682	rVV	289670	359987	6.63%	0.332%
30	6.222	698	703	705	rBV2	736871	891638	16.43%	0.823%
31	6.251	705	708	710	rVV	3114149	3040299	56.02%	2.805%
32	6.281	710	713	716	rVV3	1403109	1885695	34.74%	1.740%
33	6.316	716	719	722	rVV	1413064	1290546	23.78%	1.191%
34	6.345	722	724	726	rVV2	533534	463444	8.54%	0.428%
35	6.375	726	729	732	rVV	1275755	1328677	24.48%	1.226%
36	6.404	732	734	737	rVV2	399795	390592	7.20%	0.360%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.434	737	739	742	rVV	1005748	865381	15.94%	0.798%
38	6.469	742	745	750	rVB4	467637	640375	11.80%	0.591%
39	6.551	752	759	761	rVV5	240391	458801	8.45%	0.423%
40	6.616	767	770	775	rVB2	544696	649036	11.96%	0.599%
41	6.722	783	788	789	rBV	603923	570184	10.51%	0.526%
42	6.739	789	791	794	rVB	426480	330959	6.10%	0.305%
43	6.798	797	801	805	rVB3	694337	882467	16.26%	0.814%
44	6.839	805	808	810	rBV	650647	592459	10.92%	0.547%
45	6.904	815	819	821	rBV	599885	597858	11.02%	0.552%
46	6.969	826	830	832	rVB	2969140	2647702	48.78%	2.443%
47	7.034	838	841	843	rBV	2181178	1789183	32.96%	1.651%
48	7.057	843	845	848	rVB	997022	770030	14.19%	0.710%
49	7.104	848	853	855	rBV2	2460497	2817069	51.90%	2.599%
50	7.169	860	864	868	rVV2	994593	1131518	20.85%	1.044%
51	7.251	874	878	880	rVV3	806618	823213	15.17%	0.759%
52	7.328	885	891	893	rVV2	4510529	5427581	100.00%	5.007%
53	7.357	893	896	898	rVV2	3023126	2771320	51.06%	2.557%
54	7.428	903	908	911	rVB3	599555	740193	13.64%	0.683%
55	7.463	911	914	916	rBV2	598065	627317	11.56%	0.579%
56	7.486	916	918	922	rVV3	367358	485991	8.95%	0.448%
57	7.557	922	930	932	rVV	3204058	3390722	62.47%	3.128%
58	7.581	932	934	937	rVV	1634545	1216317	22.41%	1.122%
59	7.616	937	940	945	rVV2	258566	352475	6.49%	0.325%
60	7.669	945	949	951	rVV	1067346	1057255	19.48%	0.975%
61	7.716	954	957	958	rVV3	669945	706177	13.01%	0.651%
62	7.739	958	961	965	rVV	3010581	3361004	61.92%	3.101%
63	7.810	965	973	975	rVV	4506337	5423913	99.93%	5.004%
64	7.834	975	977	979	rVV	1137994	934605	17.22%	0.862%
65	7.857	979	981	983	rVV	687569	665645	12.26%	0.614%
66	7.881	983	985	987	rVV2	864144	774714	14.27%	0.715%
67	7.934	990	994	997	rVV	1286690	1187763	21.88%	1.096%
68	8.057	1001	1015	1017	rVV2	2090980	4120728	75.92%	3.802%
69	8.086	1017	1020	1022	rVV2	2734278	3314260	61.06%	3.058%
70	8.110	1022	1024	1028	rVV2	1442724	1393880	25.68%	1.286%
71	8.151	1028	1031	1033	rVV	1056428	869047	16.01%	0.802%
72	8.216	1038	1042	1043	rVV2	375206	391571	7.21%	0.361%
73	8.257	1047	1049	1052	rVV3	315354	336129	6.19%	0.310%
74	8.316	1052	1059	1060	rVV5	424718	589653	10.86%	0.544%
75	8.339	1060	1063	1069	rVV3	1155881	1722952	31.74%	1.590%
76	8.404	1072	1074	1078	rVV3	325010	446330	8.22%	0.412%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.445	1078	1081	1083	rVV	1396994	1337114	24.64%	1.234%
78	8.481	1083	1087	1089	rVV2	375448	526332	9.70%	0.486%
79	8.528	1092	1095	1097	rVV	917554	859554	15.84%	0.793%
80	8.569	1097	1102	1107	rVV5	632223	1146799	21.13%	1.058%
81	8.622	1107	1111	1113	rVV2	439573	524789	9.67%	0.484%
82	8.651	1113	1116	1119	rVV2	732424	757611	13.96%	0.699%
83	8.698	1119	1124	1128	rVV3	313799	679309	12.52%	0.627%
84	8.786	1132	1139	1141	rVV	3349101	3522321	64.90%	3.250%
85	8.880	1149	1155	1157	rVV	2010480	1986427	36.60%	1.833%
86	9.139	1195	1199	1203	rVB	1436466	1273245	23.46%	1.175%
87	9.333	1229	1232	1237	rVB	296894	322859	5.95%	0.298%
88	9.404	1237	1244	1247	rBV	424325	576827	10.63%	0.532%
89	9.475	1252	1256	1258	rBV	544815	510537	9.41%	0.471%
90	9.816	1311	1314	1317	rVB	500004	391203	7.21%	0.361%
91	10.610	1446	1449	1452	rBV	472085	386073	7.11%	0.356%
92	11.310	1564	1568	1570	rBV	532276	479041	8.83%	0.442%
93	11.333	1570	1572	1575	rVV	1209488	970765	17.89%	0.896%
94	11.845	1655	1659	1665	rVV3	530567	516108	9.51%	0.476%
95	12.533	1772	1776	1779	rBV	992675	921483	16.98%	0.850%
96	12.763	1808	1815	1820	rBV	771179	879248	16.20%	0.811%
97	12.904	1833	1839	1842	rBV	1340400	1159299	21.36%	1.070%
98	13.963	2014	2019	2022	rBV2	485917	728259	13.42%	0.672%
99	15.015	2194	2198	2201	rBV	260616	359317	6.62%	0.331%
100	15.451	2267	2272	2275	rVV	288879	364563	6.72%	0.336%

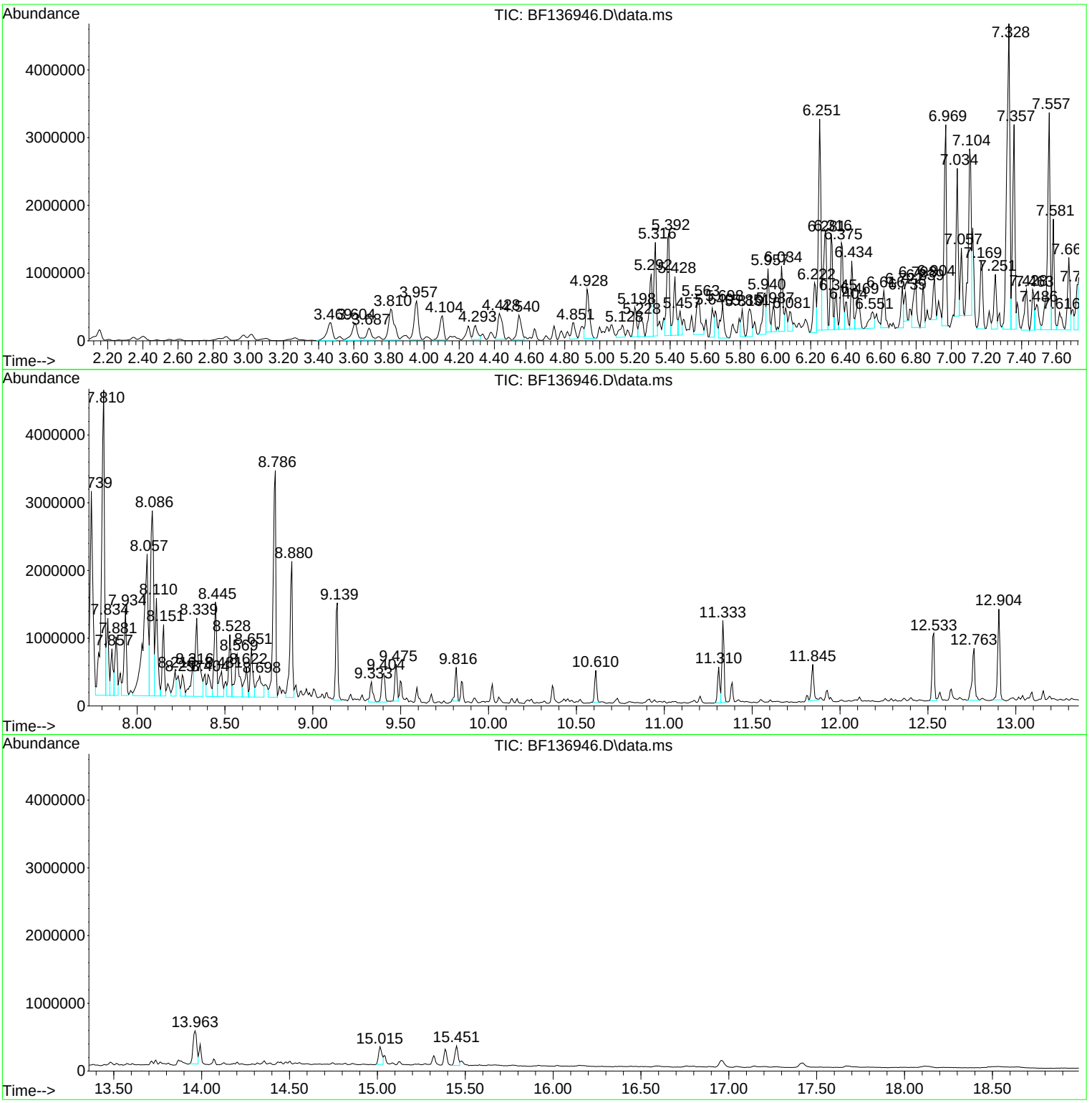
Sum of corrected areas: 108395420

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

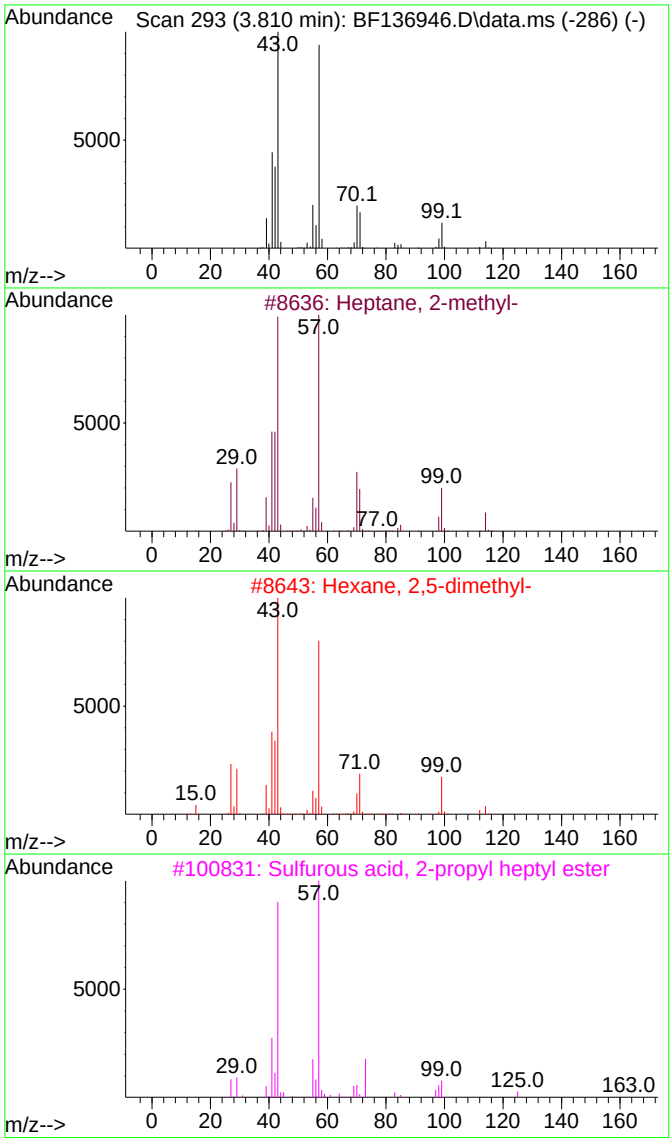
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

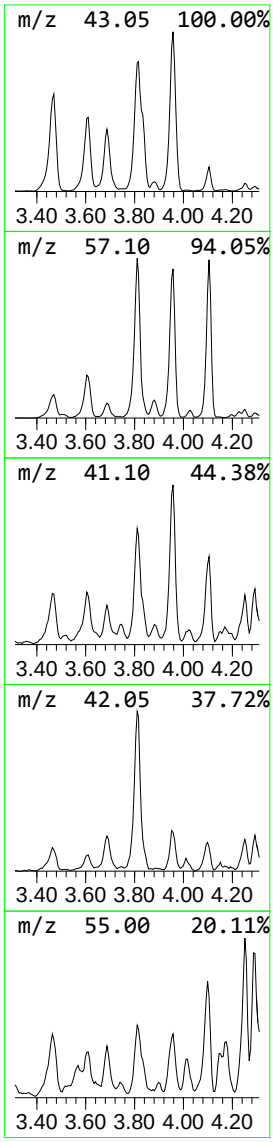
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.810	23.28 ng	1027270	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	Sulfurous acid, 2-propyl heptyl ...	222	C10H22O3S	1000309-11-8	50
4	2-Piperidinone	99	C5H9NO	000675-20-7	49
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

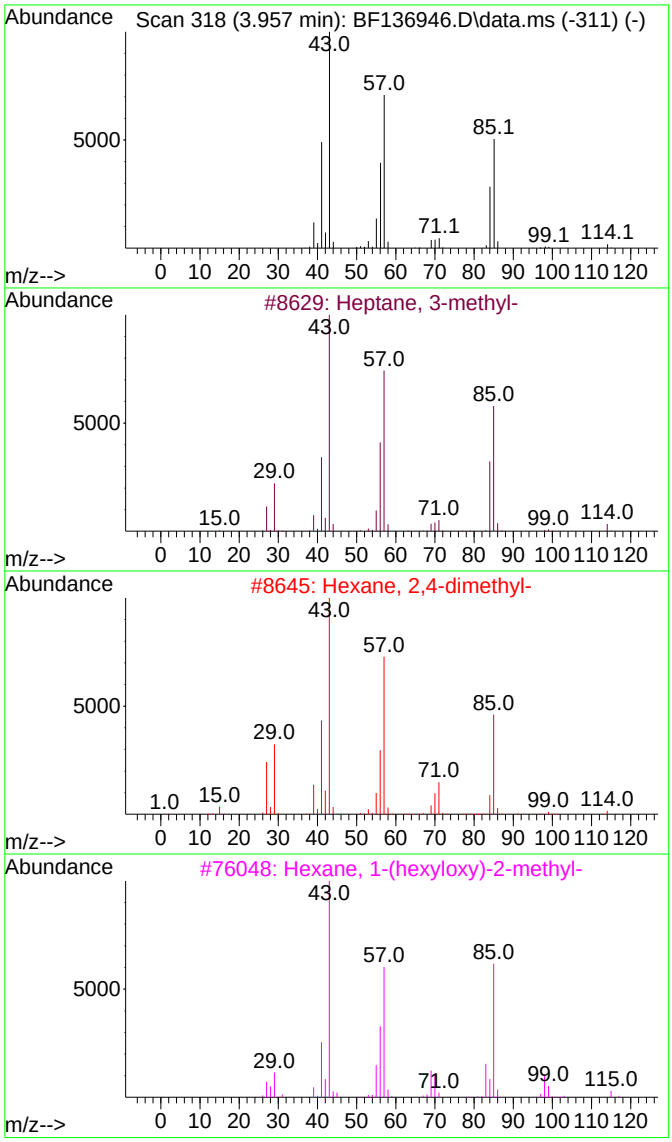
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

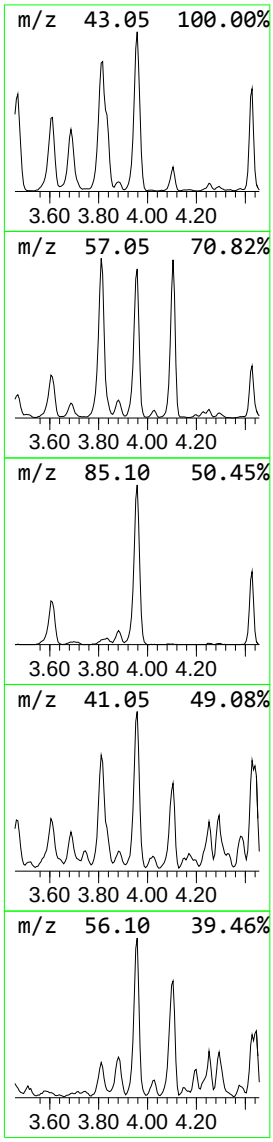
****

Peak Number 2 Heptane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.957	21.45 ng	946476	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

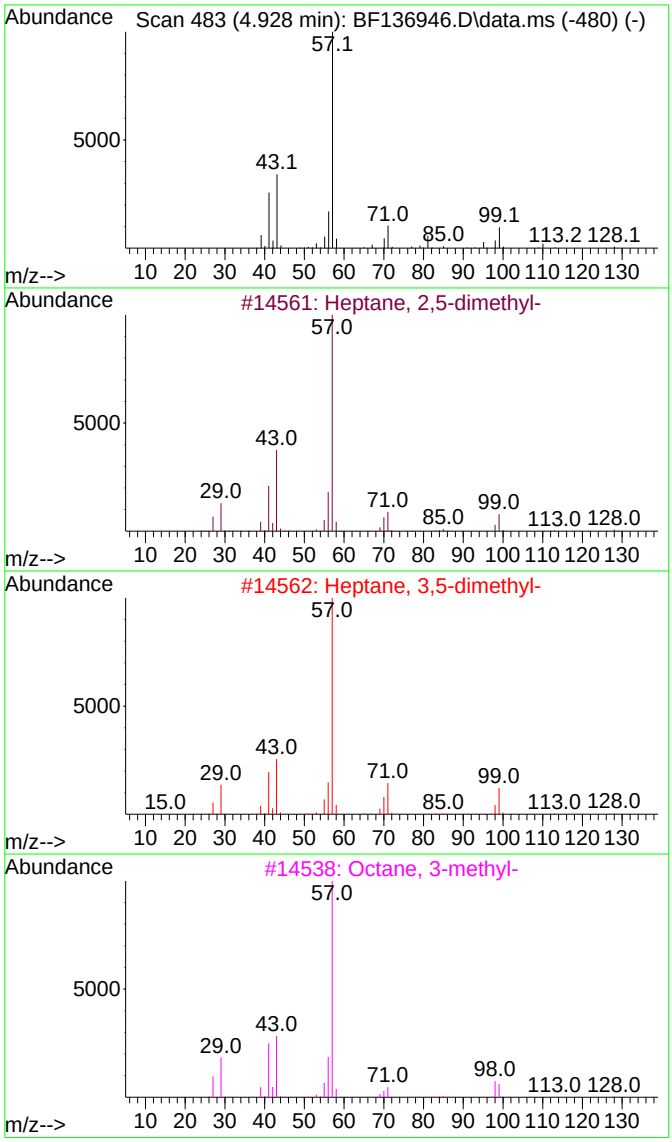
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

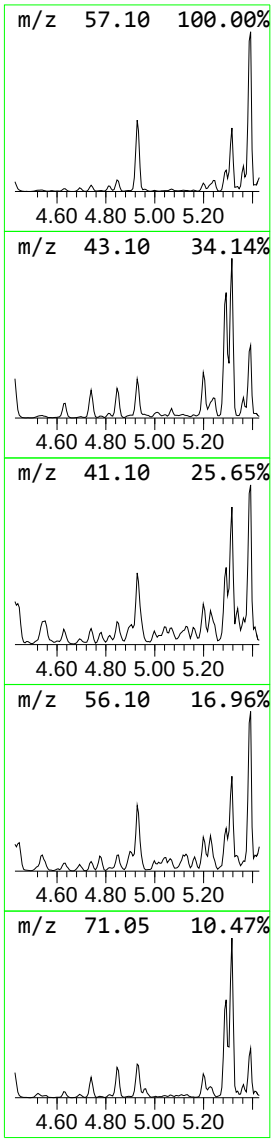
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.928	23.11 ng	1019710	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	53
4	2,2,5,5-Tetramethyl-3-hexanone	156	C10H20O	000868-91-7	50
5	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

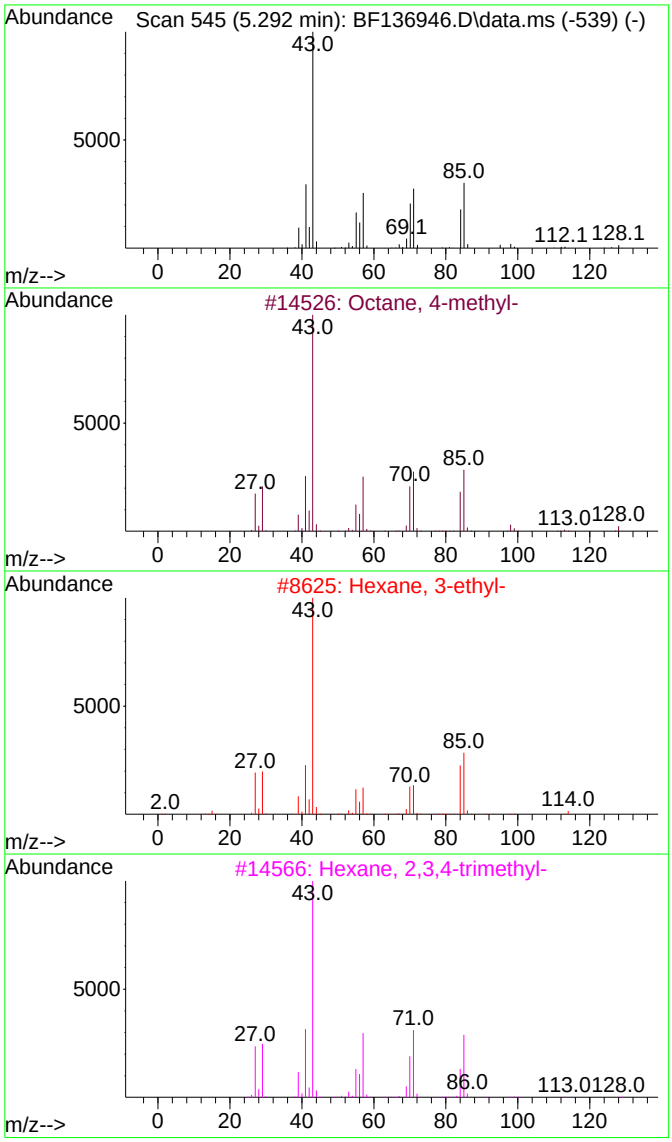
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

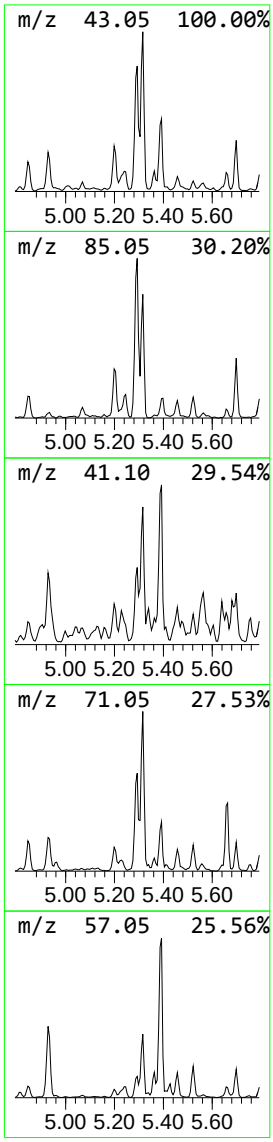
****

Peak Number 4 Octane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.292	29.21 ng	1288680	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	83
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

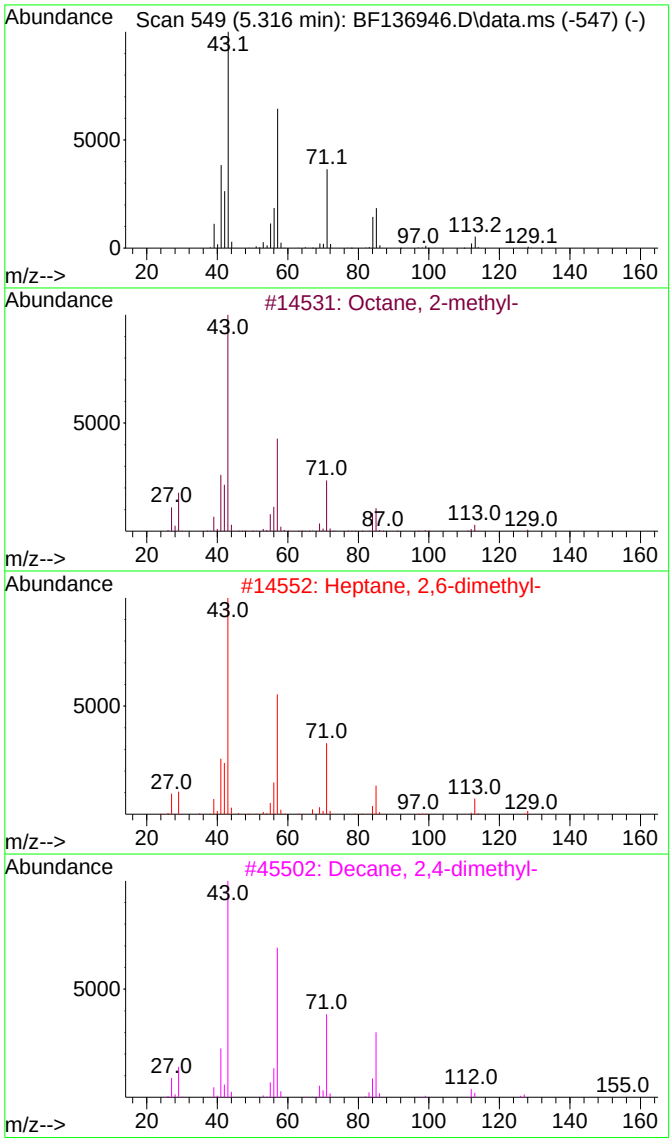
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

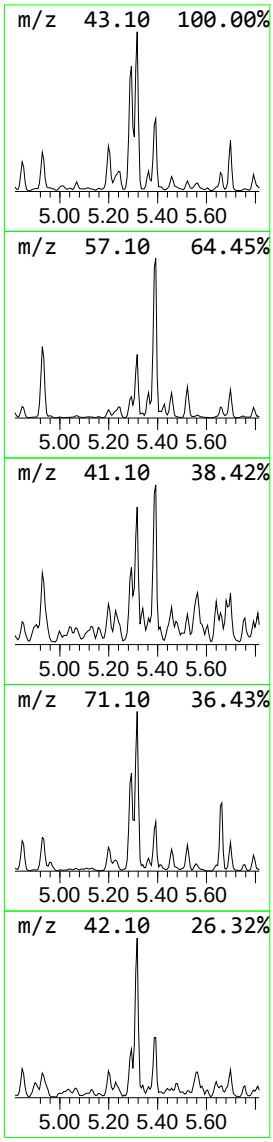
****

Peak Number 5 Octane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.316	25.89 ng	1142430	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	59
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

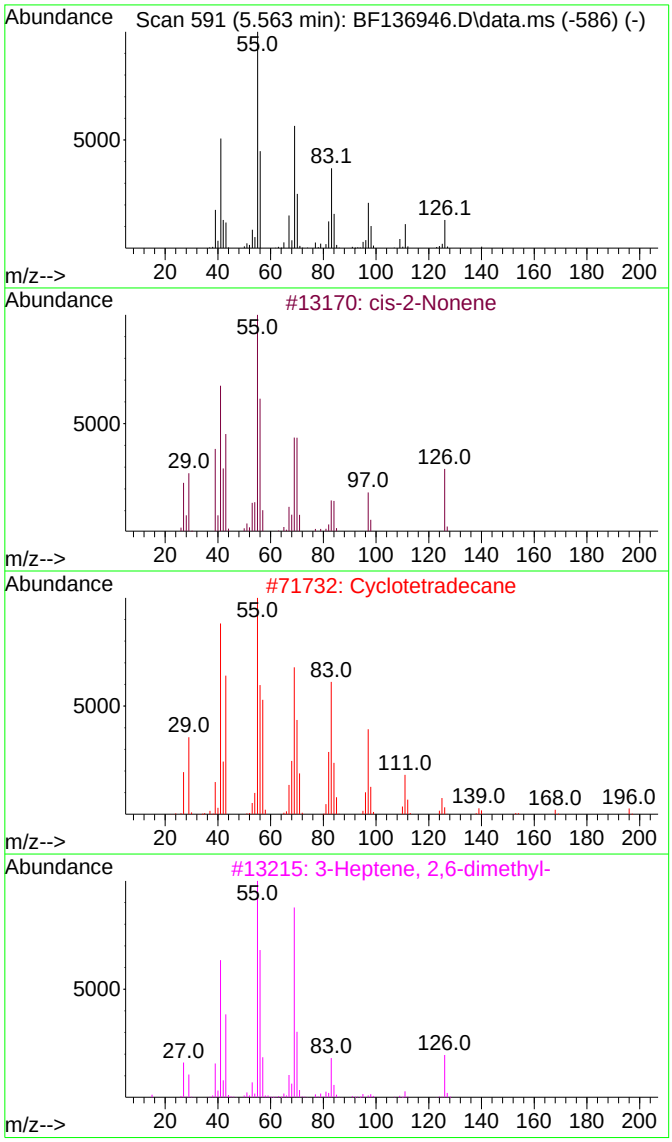
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

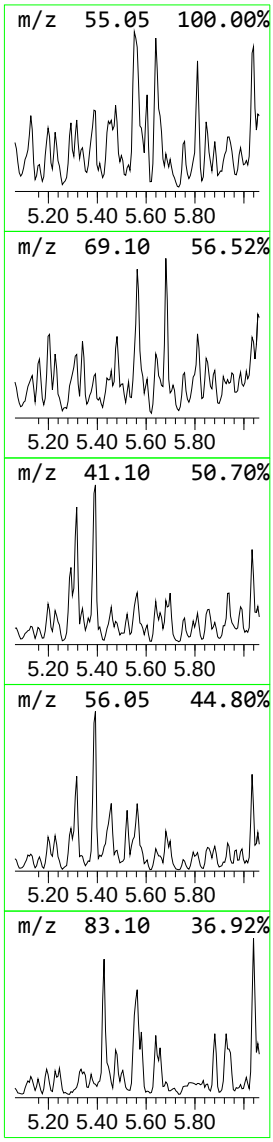
****

Peak Number 6 cis-2-Nonene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.563	20.36 ng	898534	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Nonene	126	C9H18	006434-77-1	58
2	Cyclotetradecane	196	C14H28	000295-17-0	53
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	49
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

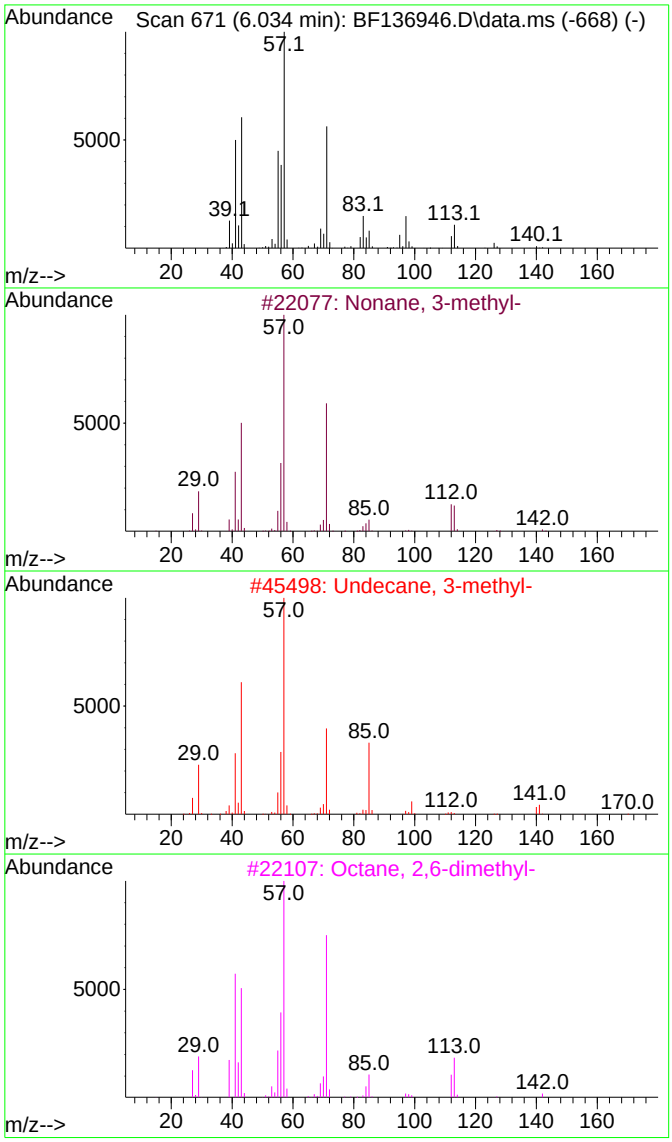
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

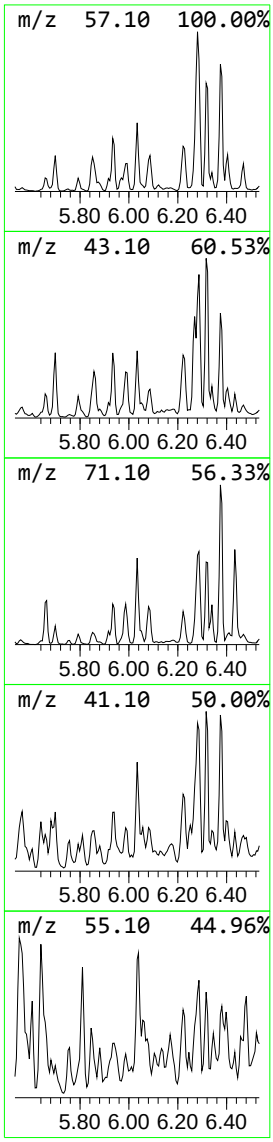
****

Peak Number 7 Nonane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.034	21.87 ng	964826	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	47
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

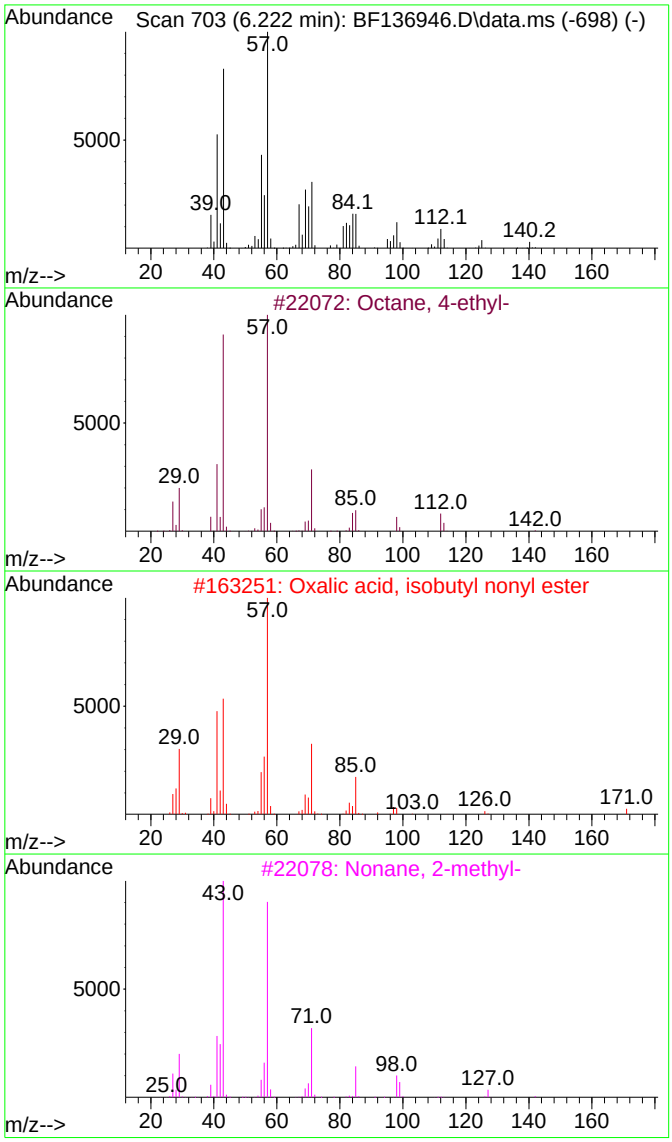
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

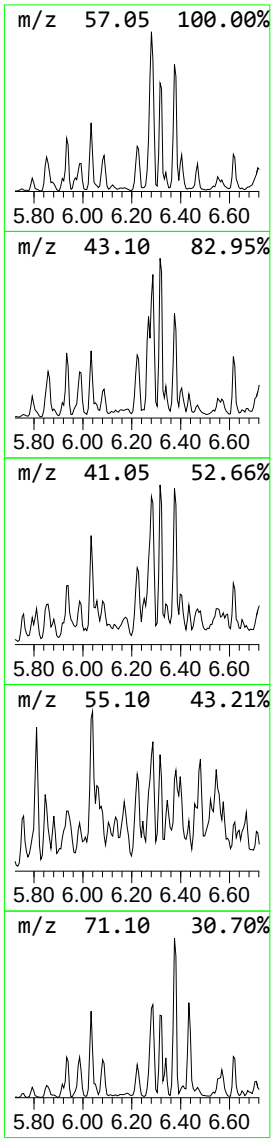
****

Peak Number 8 Octane, 4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.222	20.21 ng	891638	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	43
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
5	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

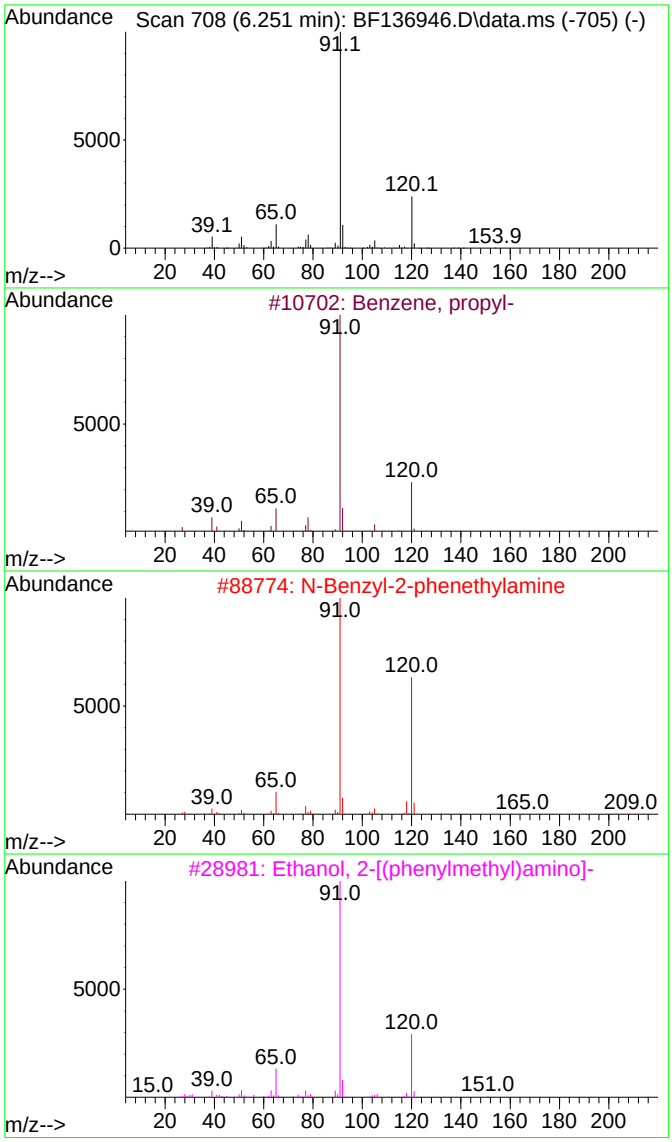
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

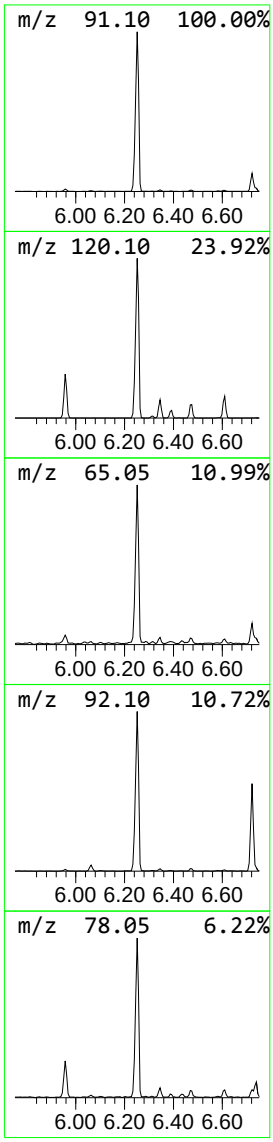
****

Peak Number 9 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	68.90 ng	3040300	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

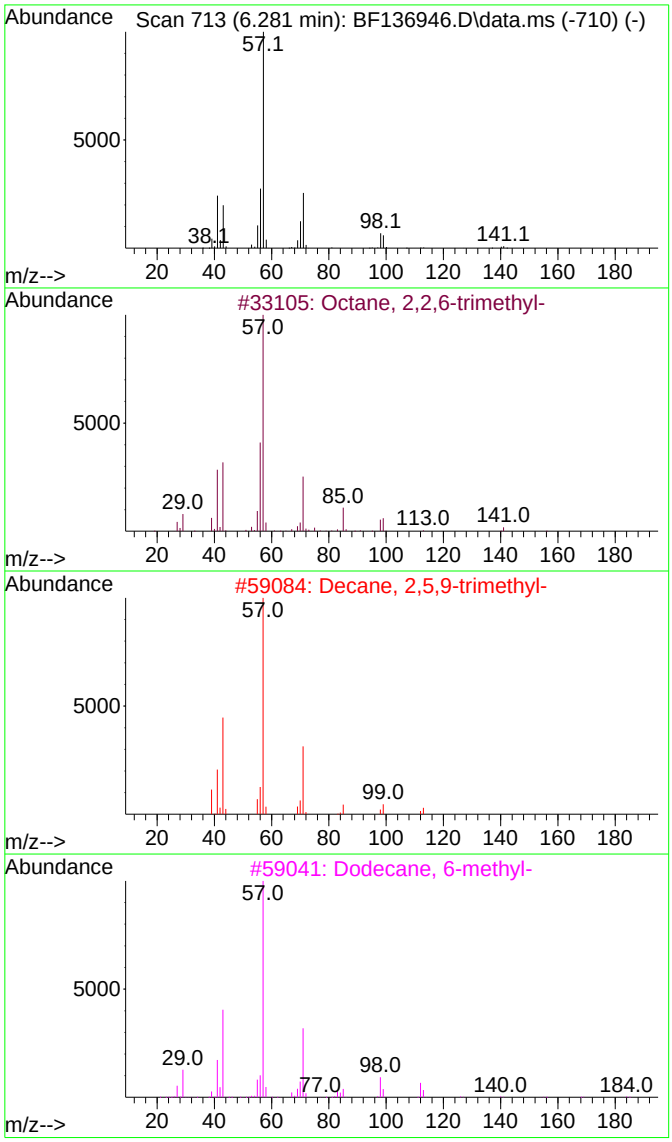
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

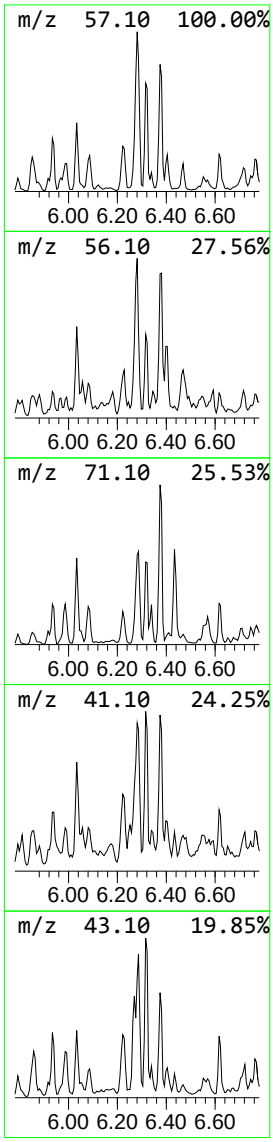
****

Peak Number 10 Octane, 2,2,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.281	42.74 ng	1885700	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
4	2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	50
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

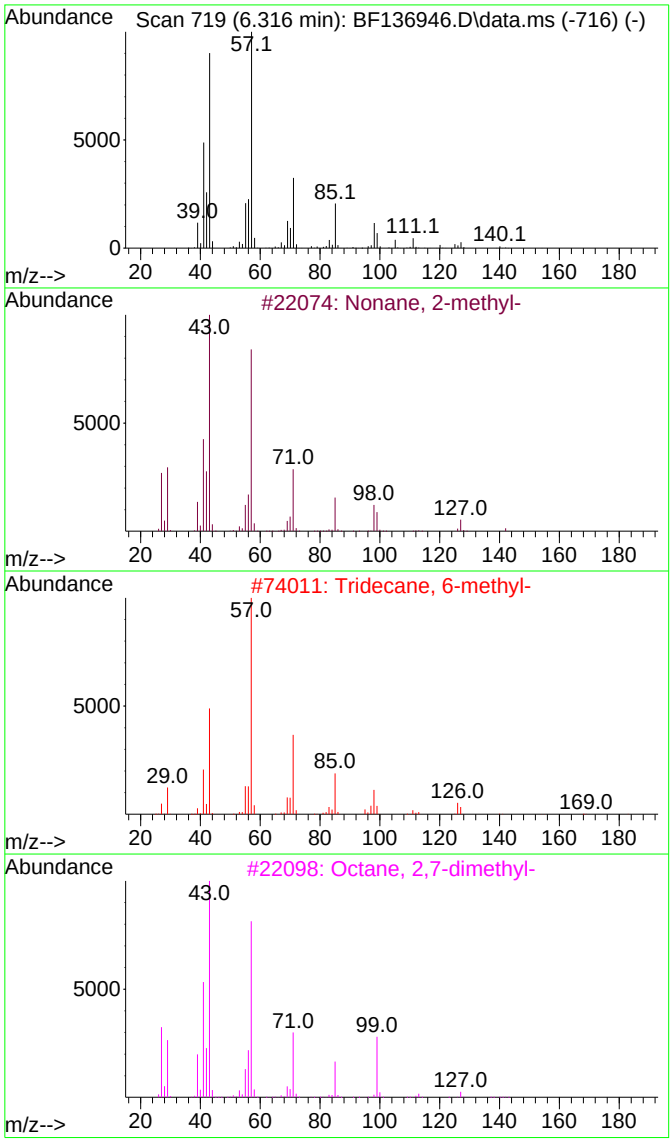
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

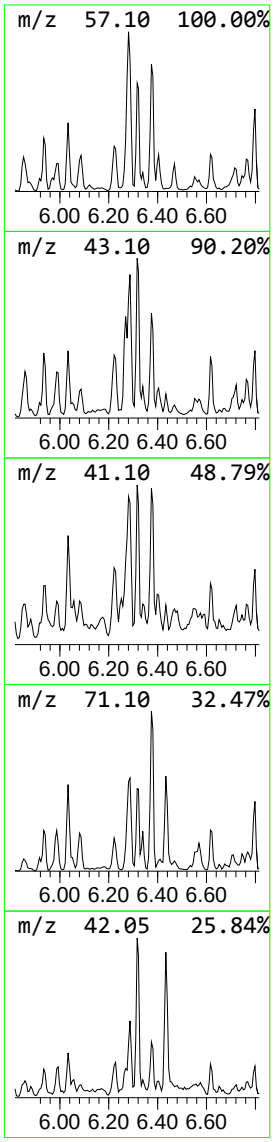
****

Peak Number 11 Nonane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	29.25 ng	1290550	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	78
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
4	Octane, 2-methyl-	128	C9H20	003221-61-2	50
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

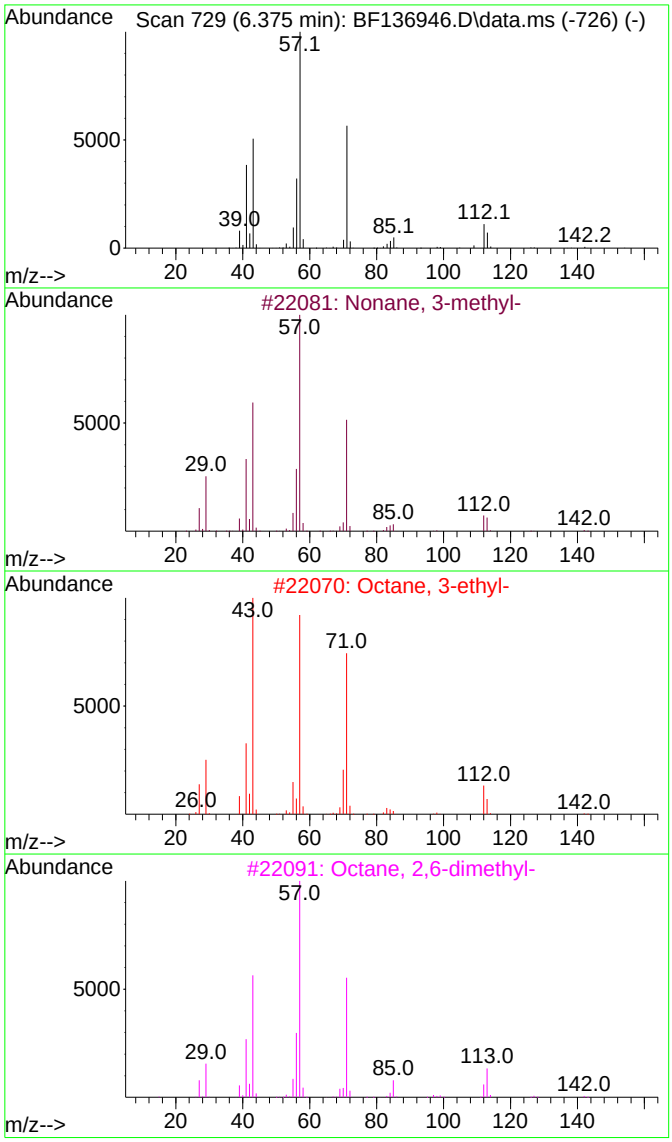
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

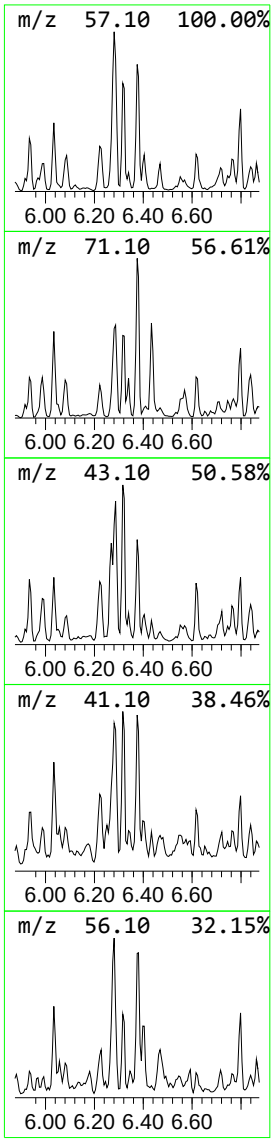
****

Peak Number 12 Octane, 3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	30.11 ng	1328680	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	94
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

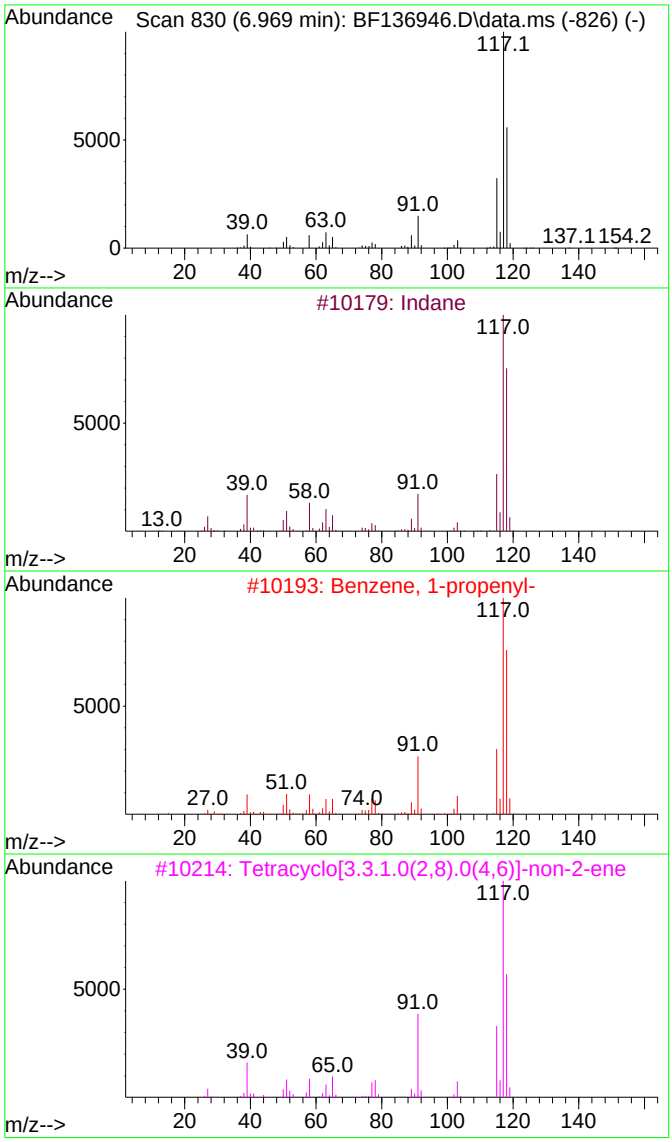
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

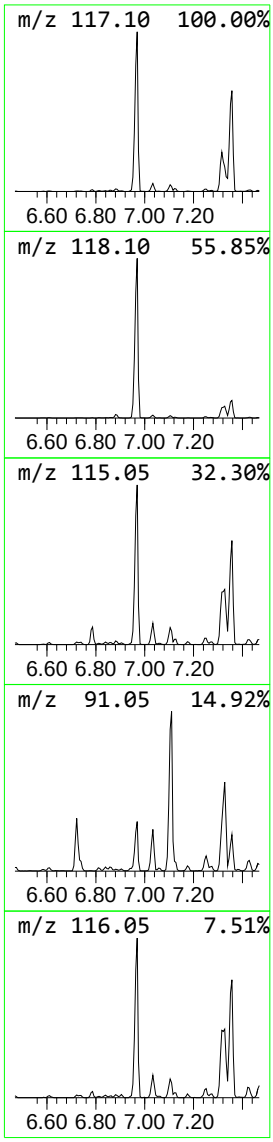
****

Peak Number 13 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	60.01 ng	2647700	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
5	Deltacyclene	118	C9H10	007785-10-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

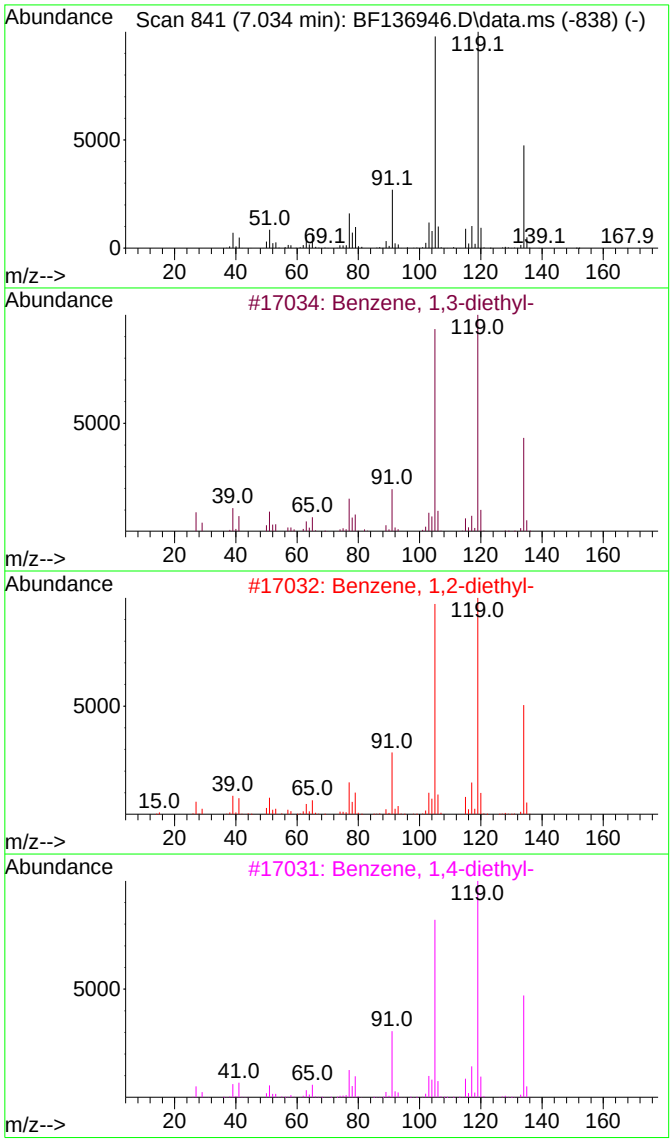
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

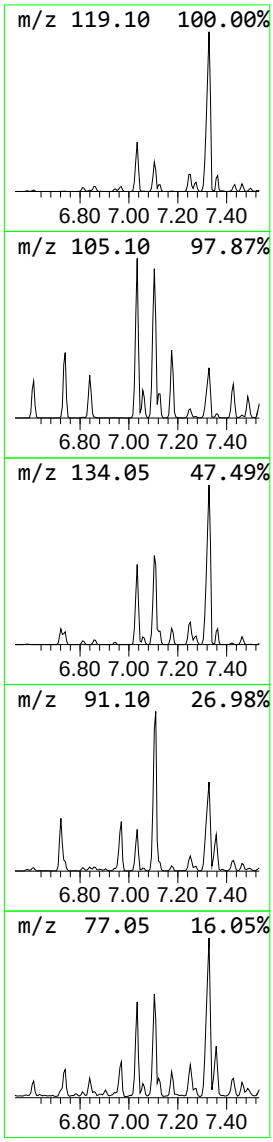
****

Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	40.55 ng	1789180	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

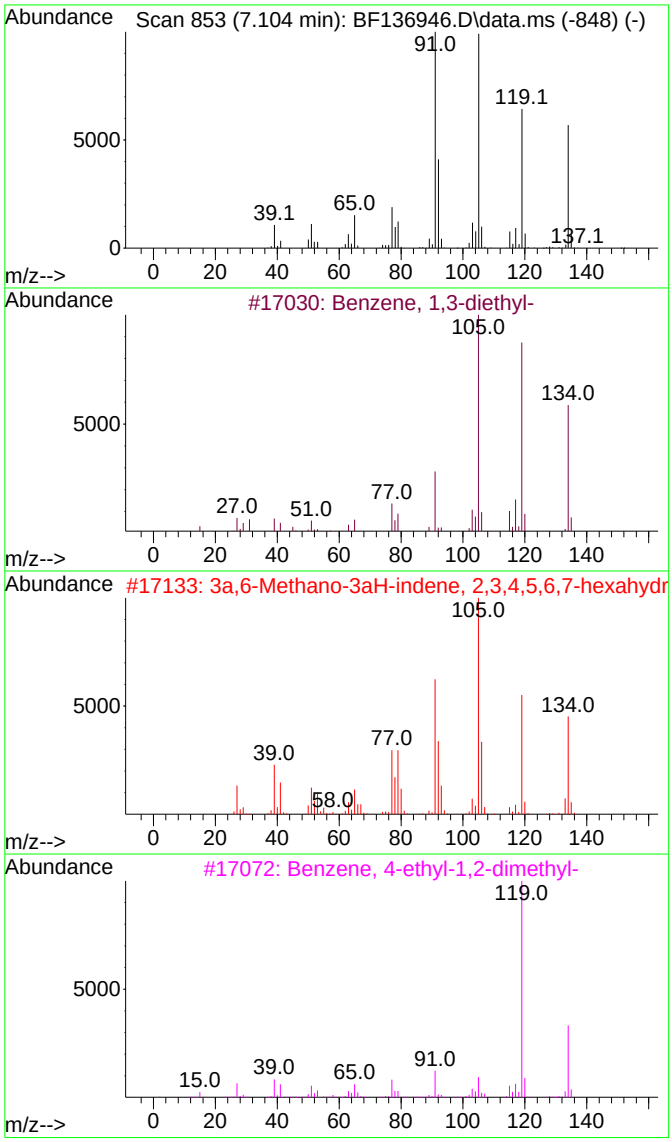
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

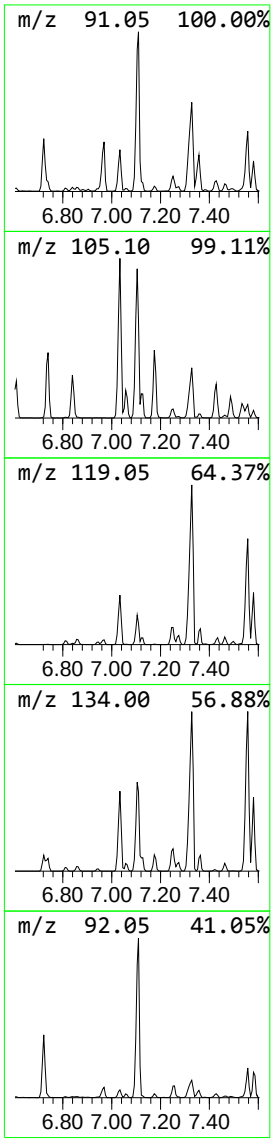
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3a,6-Methano-3aH-indene, 2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	63.85 ng	2817070	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	87
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	p-Mentha-1,5,8-triene	134	C10H14	021195-59-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

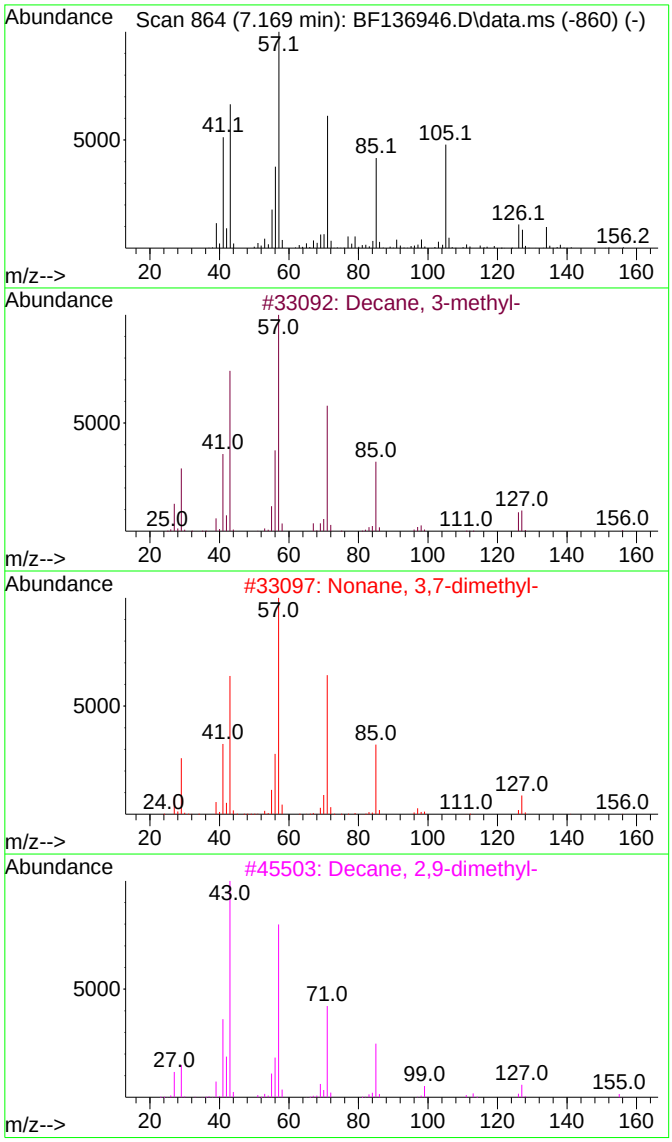
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

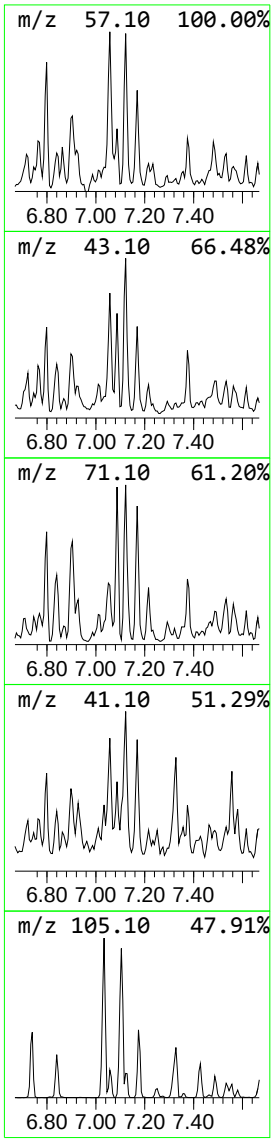
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	25.64 ng	1131520	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	70
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

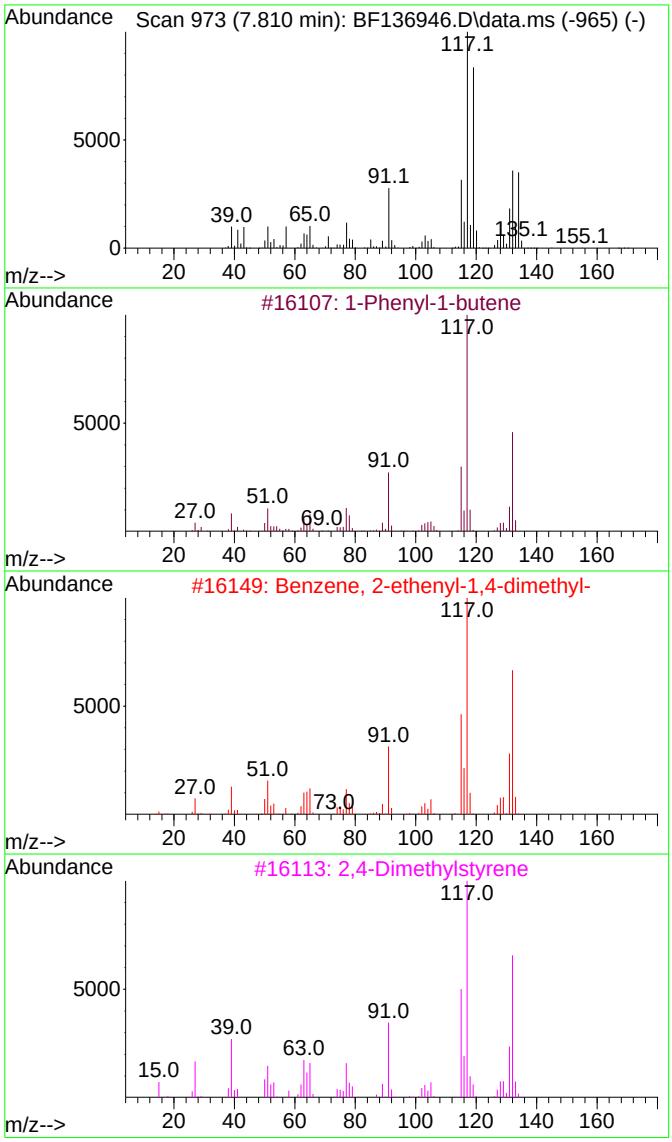
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

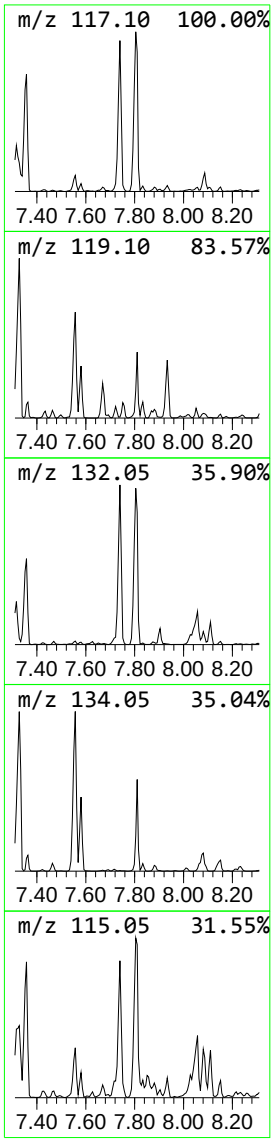
****

Peak Number 17 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.810	26.32 ng	5423910	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

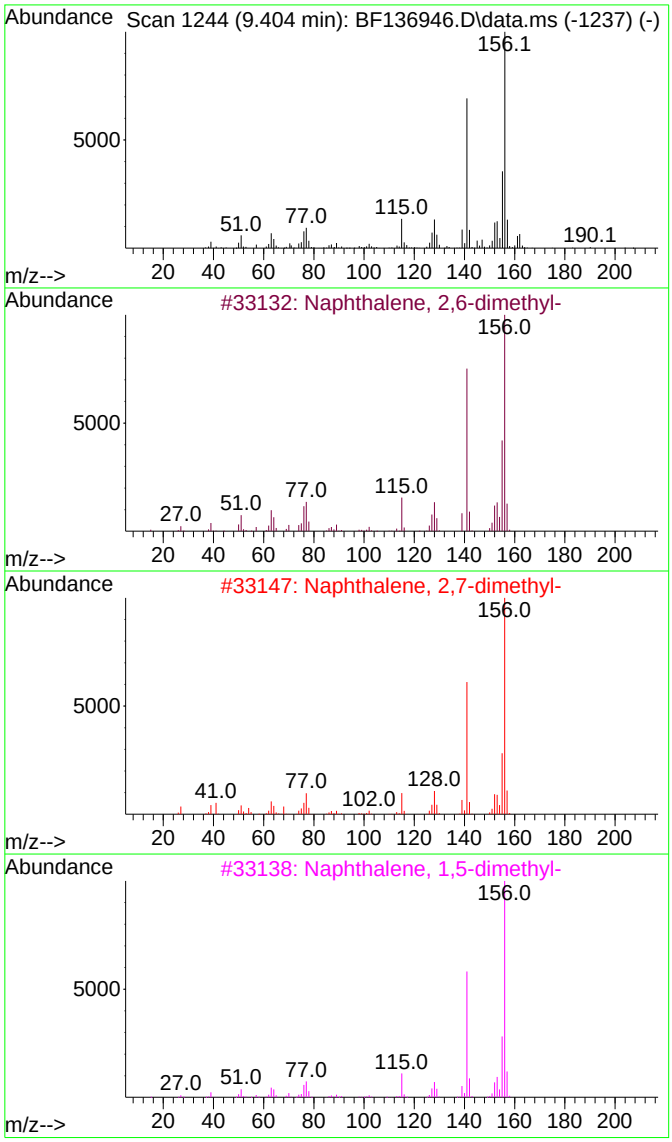
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

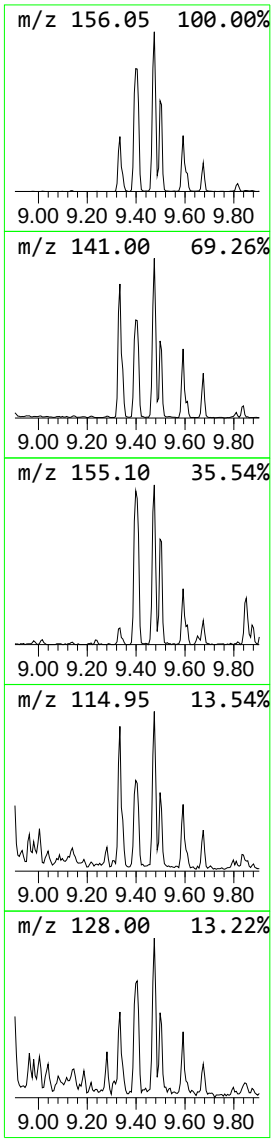
****

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	29.49 ng	576827	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

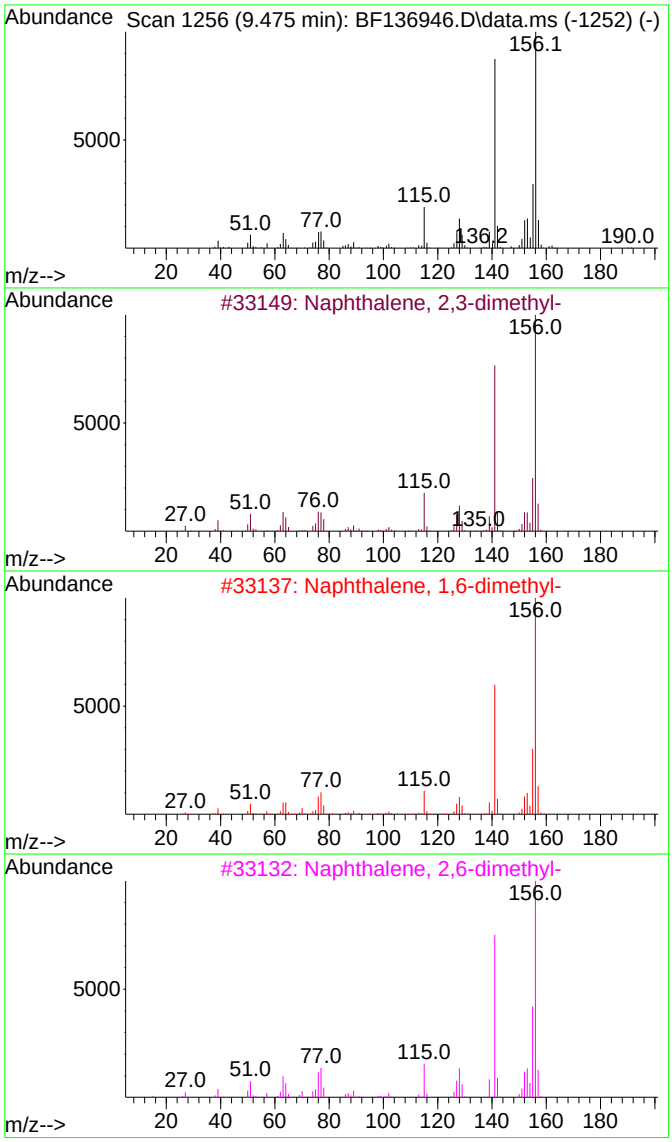
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

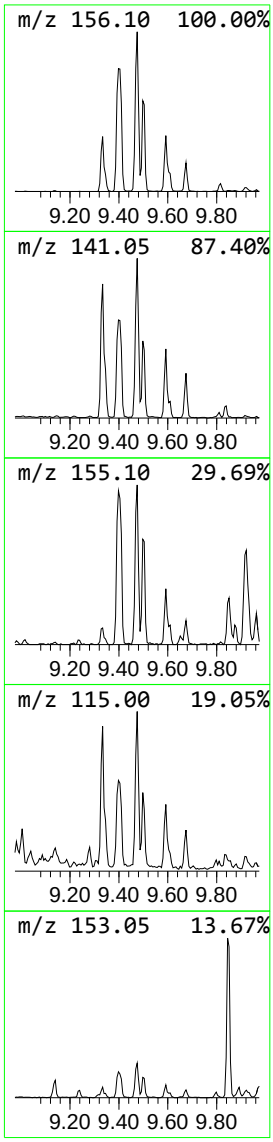
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	26.10 ng	510537	Acenaphthene-d10	9.816

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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

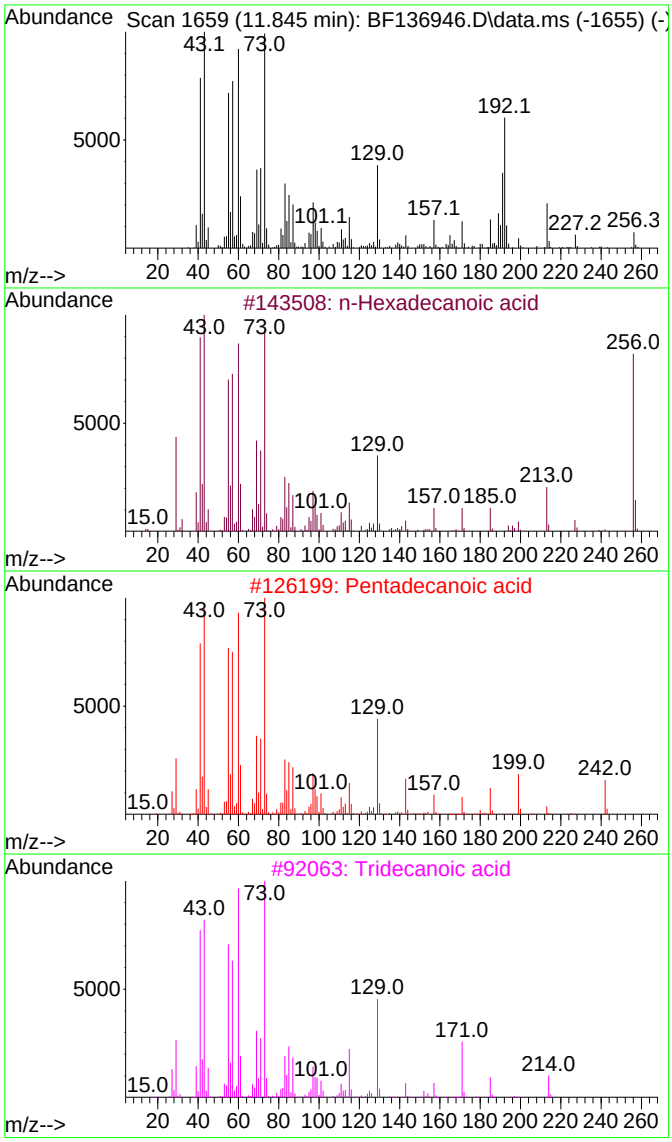
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

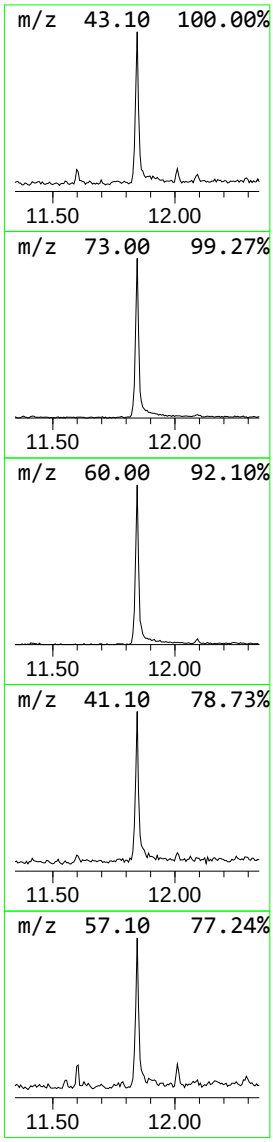
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	21.55 ng	516108	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136946.D
Acq On : 04 Jan 2024 18:09
Operator : CG\JU
Sample : 06017-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Heptane, 2-methyl-	3.810	23.3	ng	1027270	1	6.787	882467	20.0
Heptane, 3-methyl-	3.957	21.4	ng	946476	1	6.787	882467	20.0
Heptane, 2,5-di...	4.928	23.1	ng	1019710	1	6.787	882467	20.0
Octane, 4-methyl-	5.292	29.2	ng	1288680	1	6.787	882467	20.0
Octane, 2-methyl-	5.316	25.9	ng	1142430	1	6.787	882467	20.0
cis-2-Nonene	5.563	20.4	ng	898534	1	6.787	882467	20.0
Nonane, 3-methyl-	6.034	21.9	ng	964826	1	6.787	882467	20.0
Octane, 4-ethyl-	6.222	20.2	ng	891638	1	6.787	882467	20.0
Benzene, propyl-	6.251	68.9	ng	3040300	1	6.787	882467	20.0
Octane, 2,2,6-t...	6.281	42.7	ng	1885700	1	6.787	882467	20.0
Nonane, 2-methyl-	6.316	29.3	ng	1290550	1	6.787	882467	20.0
Octane, 3-ethyl-	6.375	30.1	ng	1328680	1	6.787	882467	20.0
Indane	6.969	60.0	ng	2647700	1	6.787	882467	20.0
Benzene, 1,3-di...	7.034	40.5	ng	1789180	1	6.787	882467	20.0
3a,6-Methano-3a...	7.104	63.9	ng	2817070	1	6.787	882467	20.0
Decane, 3-methyl-	7.169	25.6	ng	1131520	1	6.787	882467	20.0
1-Phenyl-1-butene	7.810	26.3	ng	5423910	2	8.063	4120730	20.0
Naphthalene, 2,...	9.404	29.5	ng	576827	3	9.816	391203	20.0
Naphthalene, 2,...	9.475	26.1	ng	510537	3	9.816	391203	20.0
n-Hexadecanoic ...	11.845	21.6	ng	516108	4	11.310	479041	20.0