LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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: BF128972.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.952	273	283	288	rBV2	532729	949889	8.15%	0.304%
2	4.310	337	344	354	rVB4	731857	1239125	10.63%	0.397%
3	4.416	354	362	369	rBV	390370	547090	4.69%	0.175%
4	4.746	409	418	422	rBV	870136	1307520	11.21%	0.419%
5	4.846	427	435	440	rVB3	1225988	2734217	23.45%	0.875%
6	4.904	440	445	449	rBV	2740365	3124620	26.79%	1.000%
7	4.952	449	453	454	rVV3	330034	478789	4.11%	0.153%
8	5.034	465	467	473	rVB	568591	557173	4.78%	0.178%
9	5.110	473	480	483	rBV	2396845	2734542	23.45%	0.875%
10	5.152	483	487	489	rVB3	363072	554377	4.75%	0.177%
11	5.275	504	508	510	rBV	503915	558486	4.79%	0.179%
12	5.357	518	522	526	rBV	1198058	1317082	11.29%	0.422%
13	5.399	526	529	531	rVV	1057153	1011018	8.67%	0.324%
14	5.481	539	543	548	rBV2	2302038	3294725	28.25%	1.055%
15	5.528	548	551	554	rVB	2601609	2356036	20.20%	0.754%
16	5.569	554	558	565	rVB2	1929851	2913465	24.98%	0.933%
17	5.640	565	570	574	rBV	1103683	1218779	10.45%	0.390%
18	5.740	578	587	591	rBV2	2847837	5067986	43.46%	1.622%
19	5.793	591	596	599	rBV3	1622507	2928123	25.11%	0.937%
20	5.881	605	611	615	rVB2	4434829	6151606	52.75%	1.969%
21	5.934	615	620	624	rBV2	1717084	3478607	29.83%	1.114%
22	5.981	624	628	634	rVV3	7248278	11662197	100.00%	3.733%
23	6.040	634	638	640	rVV	4100944	4521081	38.77%	1.447%
24	6.069	640	643	646	rVV2	1497059	2280917	19.56%	0.730%
25	6.099	646	648	650	rVV	1069893	807577	6.92%	0.259%
26	6.116	650	651	654	rVB2	1147353	853325	7.32%	0.273%
27	6.169	654	660	664	rBV3	4127990	6350654	54.46%	2.033%
28	6.269	672	677	685	rBV5	5372898	9998043	85.73%	3.201%
29	6.346	685	690	694	rBV2	1465626	3094076	26.53%	0.990%
30	6.387	694	697	698	rBV	2584543	2364167	20.27%	0.757%
31	6.404	698	700	702	rVB2	2435556	2062371	17.68%	0.660%
32	6.434	702	705	708	rVB2	1699621	1473609	12.64%	0.472%
33	6.481	708	713	717	rBV4	3508375	7770005	66.63%	2.487%
34	6.516	717	719	724	rVB2	2965768	3477737	29.82%	1.113%
35	6.593	724	732	735	rBV5	2351751	4425411	37.95%	1.417%
36	6.622	735	737	739	rBV	703625	756637	6.49%	0.242%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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	6.675	742	746	747	rBV2	1295231	1532973	13.14%	0.491%
38	6.757	758	760	763	rVB2	3468377	3586768	30.76%	1.148%
39	6.798	763	767	770	rBV2	2419130	3343792	28.67%	1.070%
40	6.834	770	773	775	rVV2	2189949	2789638	23.92%	0.893%
41	6.863	775	778	780	rVV	2522689	3557040	30.50%	1.139%
42	6.893	780	783	787	rVV2	5837686	7974932	68.38%	2.553%
43	6.928	787	789	791	rVB	2212743	1866619	16.01%	0.598%
44	6.951	791	793	794	rBV2	764964	608052	5.21%	0.195%
45	6.975	794	797	799	rVV	1890964	2151673	18.45%	0.689%
46	7.010	801	803	808	rVB2	3995713	4778348	40.97%	1.530%
47	7.063	808	812	814	rBV4	847100	1153251	9.89%	0.369%
48	7.093	814	817	819	rBV3	1364447	1623925	13.92%	0.520%
49	7.140	820	825	827	rBV4	3599793	4407939	37.80%	1.411%
50	7.163	827	829	835	rVB4	1916737	2571705	22.05%	0.823%
51	7.222	836	839	842	rBV4	698289	1142486	9.80%	0.366%
52	7.281	842	849	852	rBV4	5125205	9641136	82.67%	3.086%
53	7.322	854	856	858	rVV2	2302669	2061594	17.68%	0.660%
54	7.387	862	867	871	rVB5	4055769	6253476	53.62%	2.002%
55	7.434	871	875	878	rBV2	1996473	3092746	26.52%	0.990%
56	7.498	883	886	887	rVV	1217752	1293606	11.09%	0.414%
57	7.522	887	890	892	rVV2	2661066	3157875	27.08%	1.011%
58	7.551	892	895	898	rVB3	3655115	4146224	35.55%	1.327%
59	7.581	898	900	902	rBV2	763610	665542	5.71%	0.213%
60	7.634	906	909	910	rVV	1762991	1999325	17.14%	0.640%
61	7.651	910	912	913	rVV	2621644	2571115	22.05%	0.823%
62	7.669	913	915	919	rVB4	4383292	4275250	36.66%	1.369%
63	7.740	924	927	929	rBV2	611259	799238	6.85%	0.256%
64	7.769	929	932	934	rBV2	3041808	3273946	28.07%	1.048%
65	7.845	942	945	950	rVB4	2176656	2682013	23.00%	0.859%
66	7.898	950	954	958	rBV3	2233873	3716730	31.87%	1.190%
67	7.934	958	960	962	rVV3	1360462	1258669	10.79%	0.403%
68	7.969	963	966	967	rVV2	1578523	1641637	14.08%	0.526%
69	7.987	967	969	971	rVV2	2016563	2214030	18.98%	0.709%
70	8.016	971	974	979	rVV5	3389094	6636620	56.91%	2.124%
71	8.075	982	984	986	rVV2	2629678	2897953	24.85%	0.928%
72	8.098	986	988	990	rVV	3190437	2892779	24.80%	0.926%
73	8.122	990	992	995	rVV3	1821970	1792343	15.37%	0.574%
74	8.151	995	997	999	rVB3	1475118	1177695	10.10%	0.377%
75	8.198	999	1005	1008	rBV6	1665160	3596159	30.84%	1.151%
76	8.240	1008	1012	1014	rVB	2884889	3223347	27.64%	1.032%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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	8.322	1021	1026	1029	rVB5	2496600	3800319	32.59%	1.217%
78	8.463	1045	1050	1054	rBV2	5541329	8801031	75.47%	2.817%
79	8.540	1060	1063	1065	rVB3	1766054	1662351	14.25%	0.532%
80	8.575	1065	1069	1071	rBV3	3121585	4050649	34.73%	1.297%
81	8.775	1101	1103	1106	rBV3	1355783	1422064	12.19%	0.455%
82	8.810	1106	1109	1112	rBV5	1322273	2129408	18.26%	0.682%
83	8.916	1124	1127	1129	rBV4	1632452	1986733	17.04%	0.636%
84	8.945	1129	1132	1135	rVB2	2299135	2691080	23.08%	0.861%
85	9.069	1148	1153	1155	rBV2	4868536	5976718	51.25%	1.913%
86	9.192	1171	1174	1179	rBV5	2410209	4036745	34.61%	1.292%
87	9.457	1216	1219	1221	rBV	1998173	2302407	19.74%	0.737%
88	9.504	1225	1227	1228	rVV2	2357431	1878412	16.11%	0.601%
89	9.528	1228	1231	1233	rVB2	4294171	4283266	36.73%	1.371%
90	9.663	1251	1254	1258	rVV4	1825542	2632337	22.57%	0.843%
91	9.704	1258	1261	1264	rVB	3015283	2932607	25.15%	0.939%
92	9.775	1270	1273	1278	rBV5	1996316	3633926	31.16%	1.163%
93	9.904	1292	1295	1299	rVB2	2154987	2594493	22.25%	0.831%
94	9.998	1308	1311	1314	rBV2	1850781	2092517	17.94%	0.670%
95	10.045	1317	1319	1328	rVB4	2654270	5152809	44.18%	1.649%
96	10.116	1328	1331	1334	rBV2	2397509	3168597	27.17%	1.014%
97	10.210	1344	1347	1351	rVB5	1978007	2693343	23.09%	0.862%
98	10.457	1386	1389	1393	rVB	3812025	4176260	35.81%	1.337%
99	10.728	1430	1435	1440	rVB2	4633252	7231425	62.01%	2.315%
100	11.192	1510	1514	1517	rVB	3909717	4587508	39.34%	1.469%

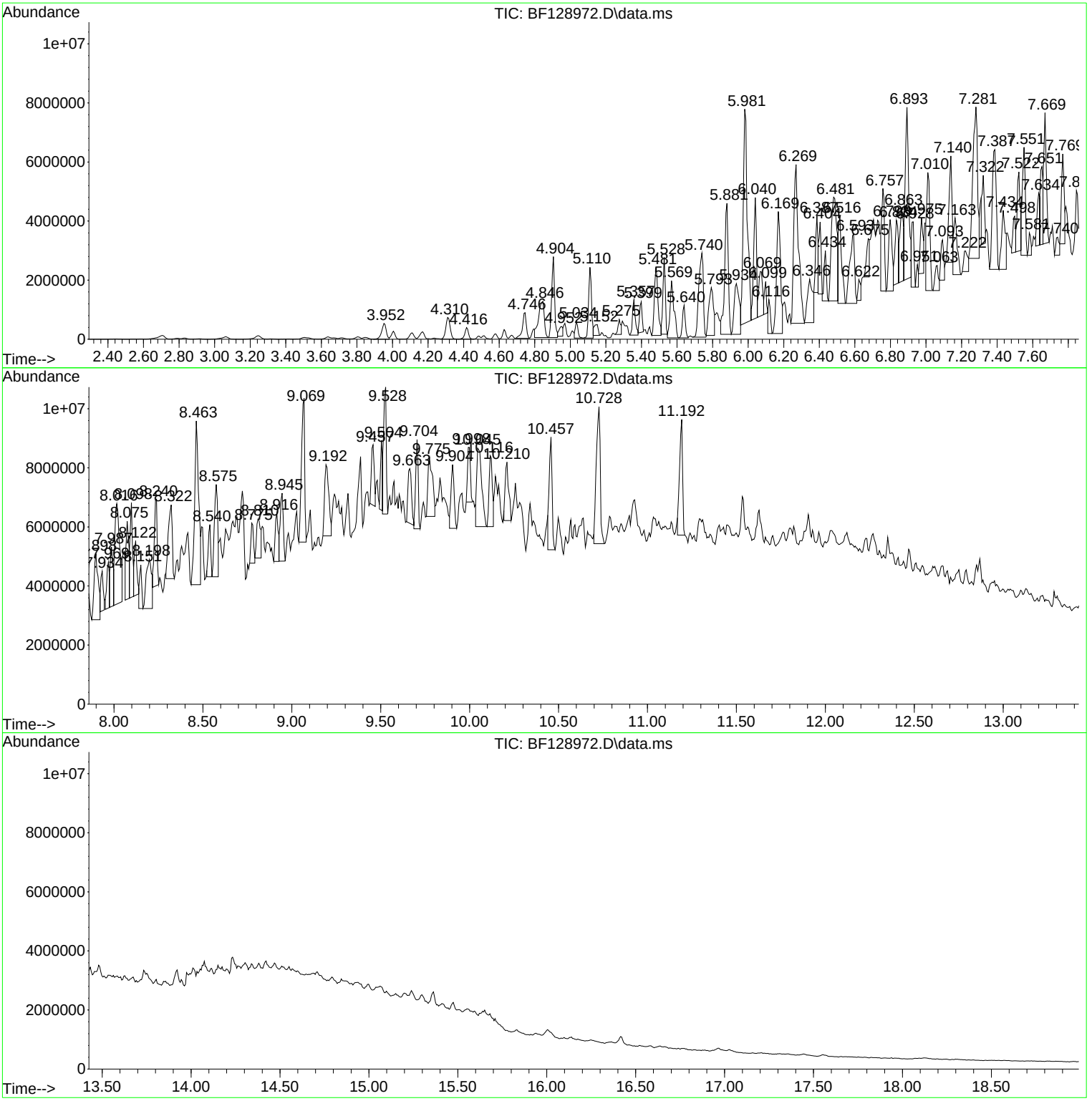
Sum of corrected areas: 312388256

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

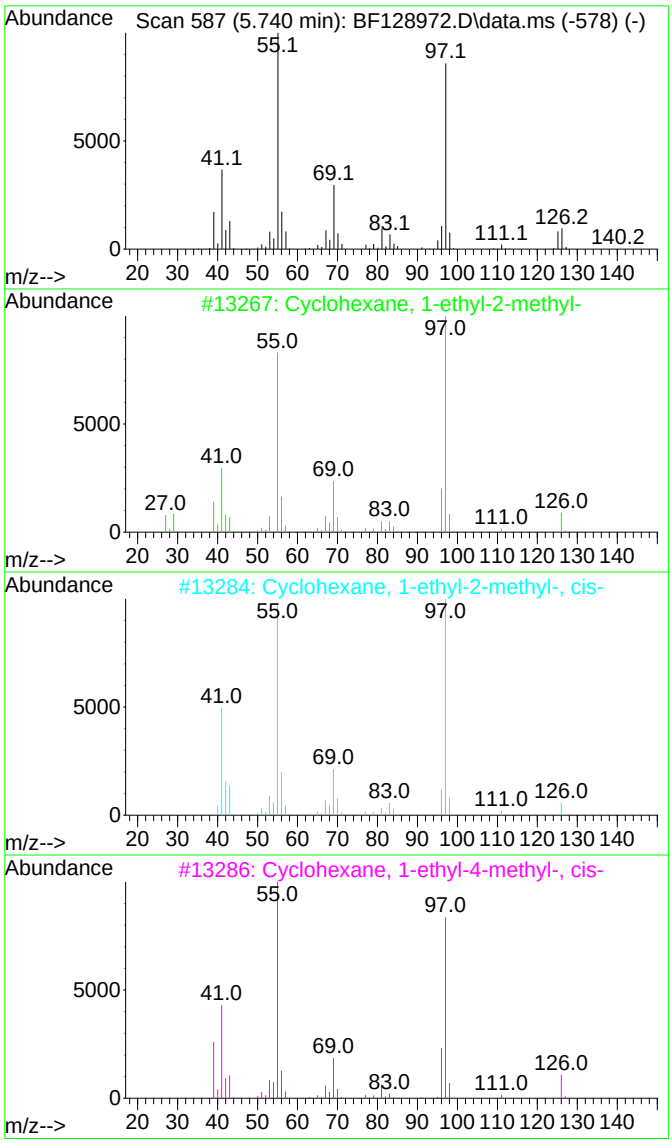
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

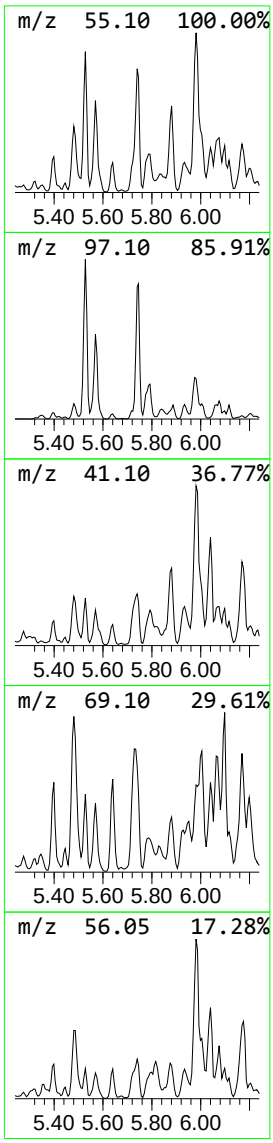
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.740	28.26 ng	5067990	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

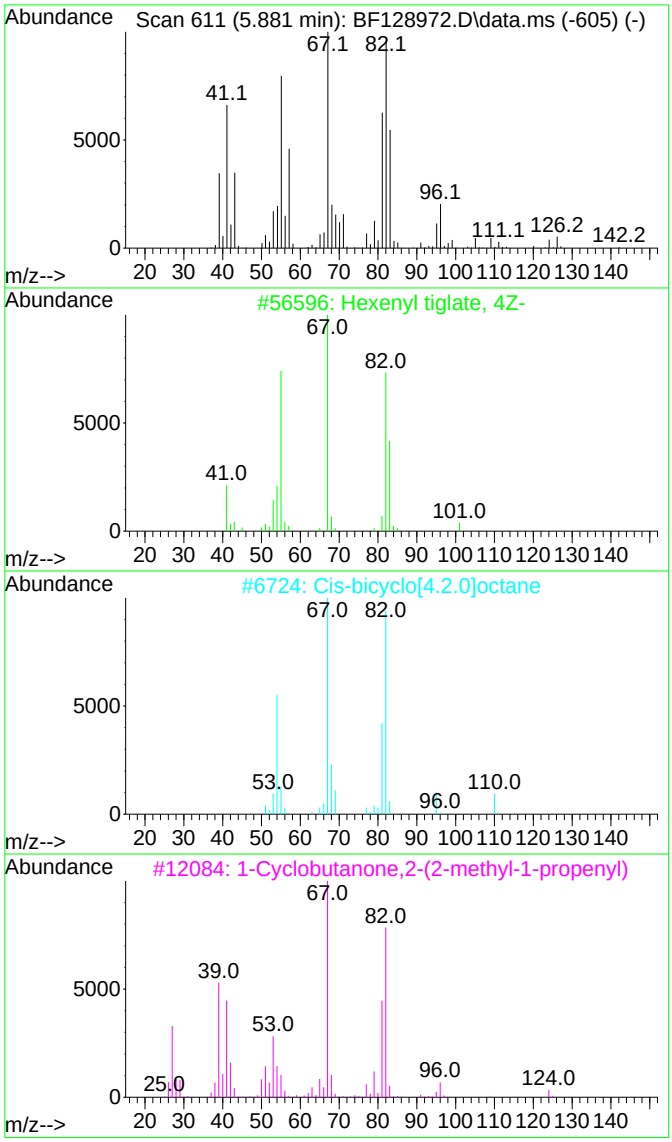
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

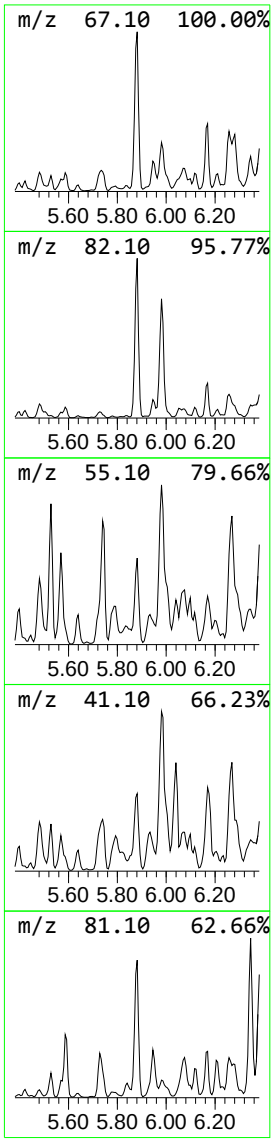
****

Peak Number 2 Hexenyl tiglate, 4Z- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.881	34.30 ng	6151610	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	64
2	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	53
3	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	52
4	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	52
5	(Z)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-75-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

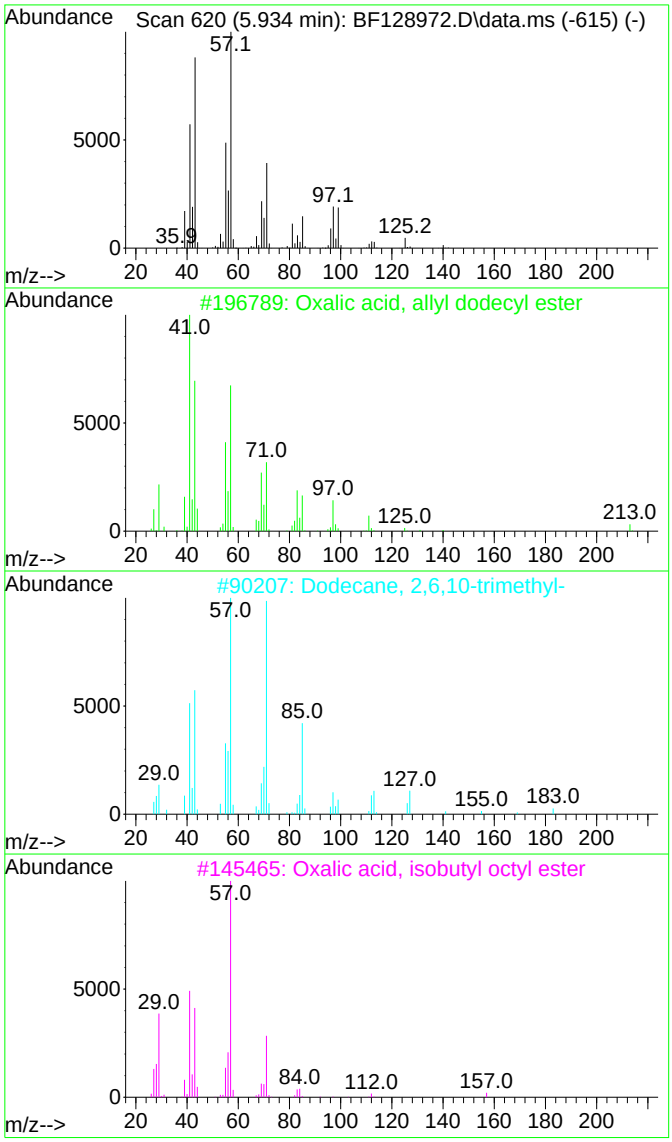
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

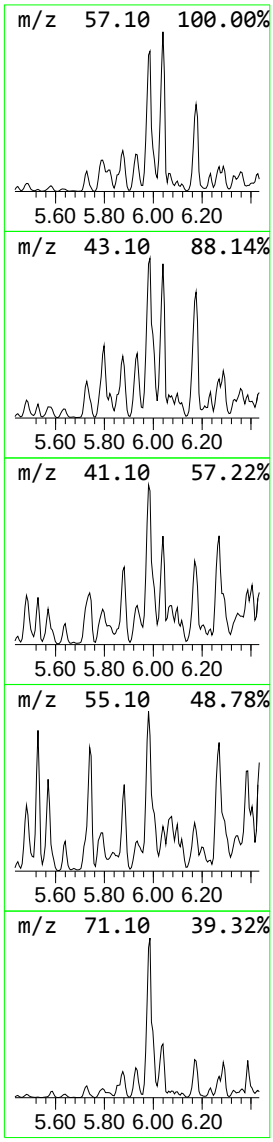
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxalic acid, allyl dodecyl ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	19.40 ng	3478610	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
3	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47
4	1-Hexacosanol	382	C26H54O	000506-52-5	47
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

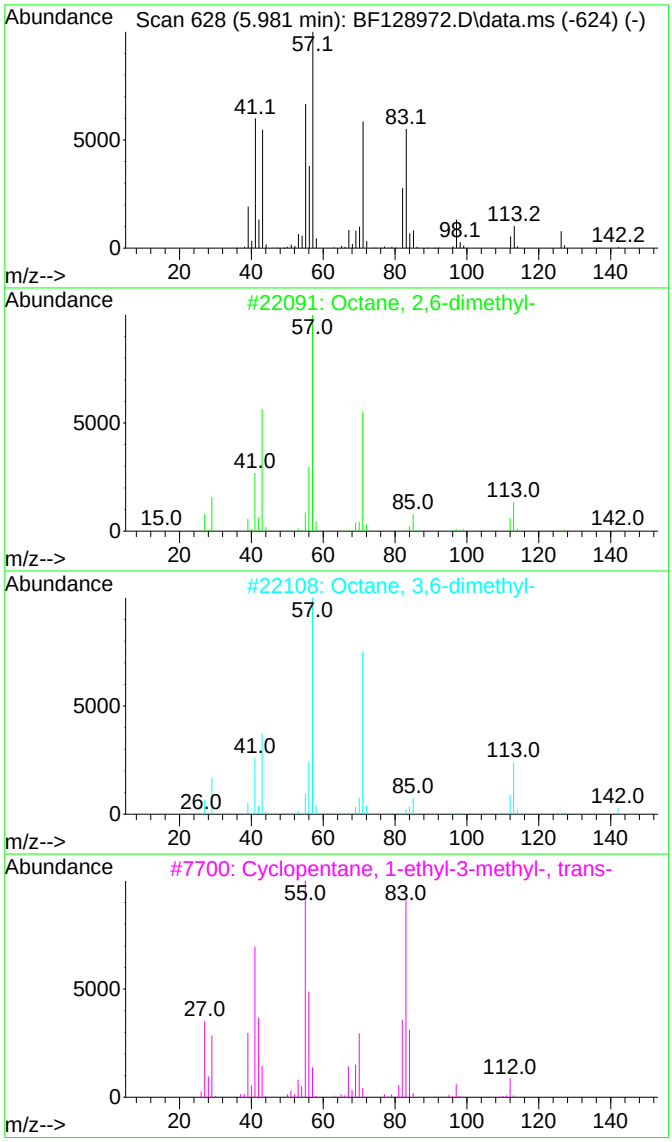
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

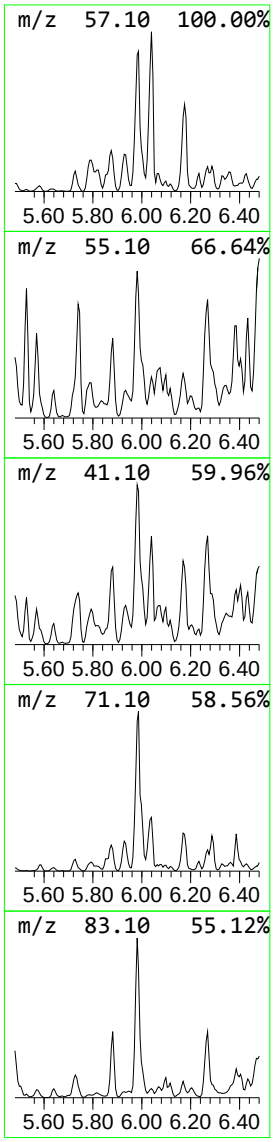
****

Peak Number 4 unknown5.981 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	65.03 ng	11662200	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	46
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

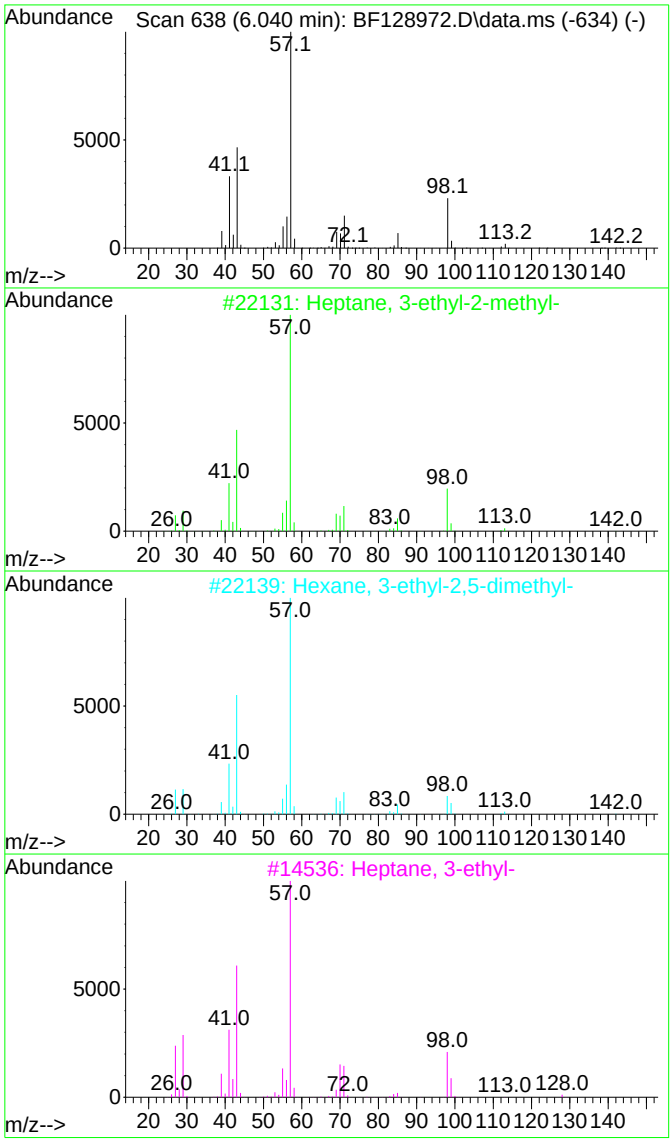
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

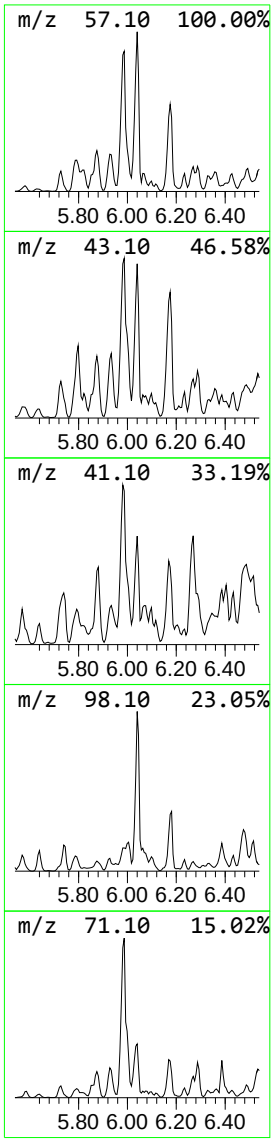
****

Peak Number 5 Heptane, 3-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.040	25.21 ng	4521080	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	70
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5	Decane, 5-methyl-	156	C11H24	013151-35-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

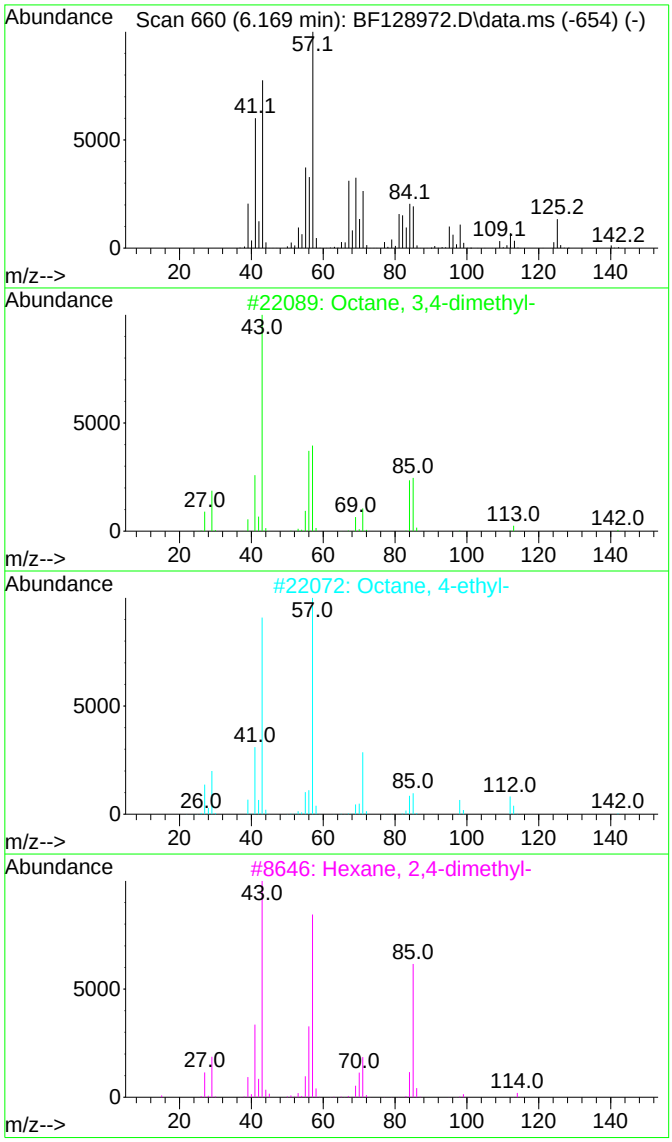
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

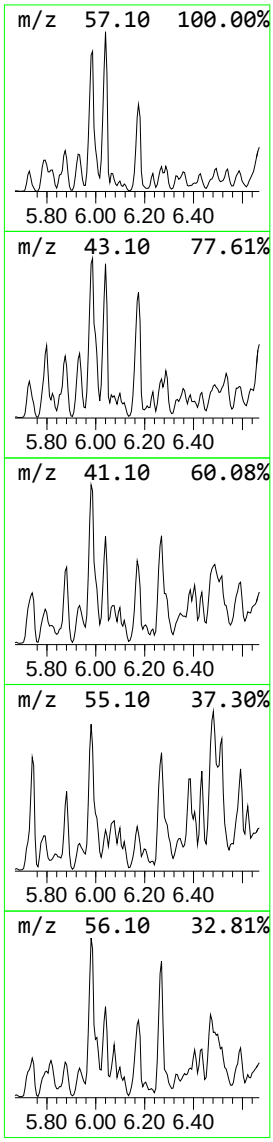
****

Peak Number 6 unknown6.169 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.169	35.41 ng	6350650	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	38
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
4	Caprolactam	113	C6H11NO	000105-60-2	35
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

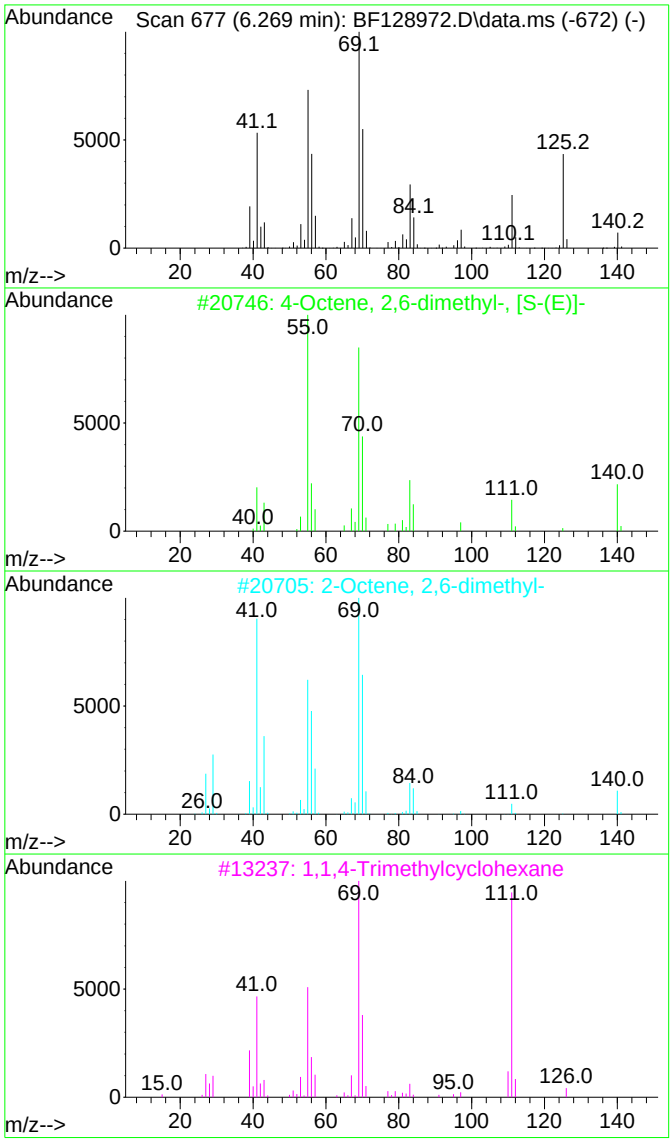
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

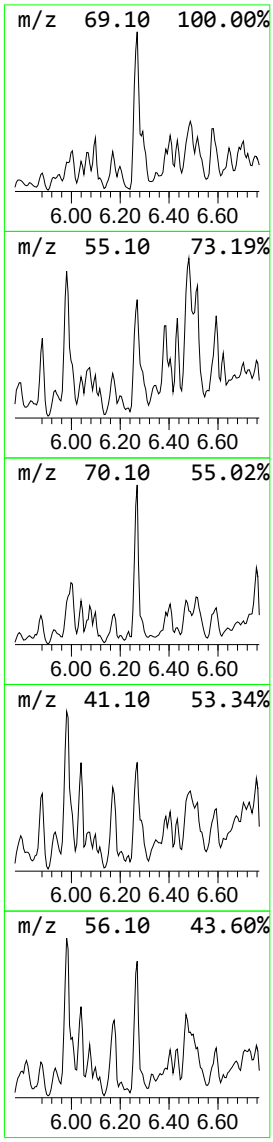
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	55.75 ng	9998040	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

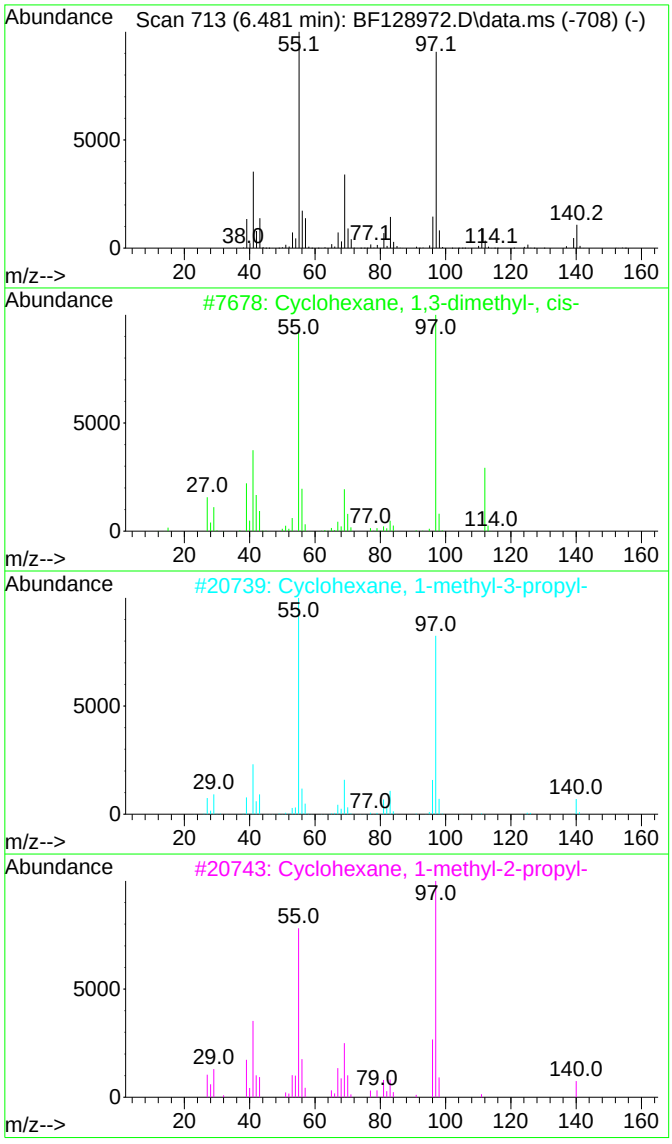
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

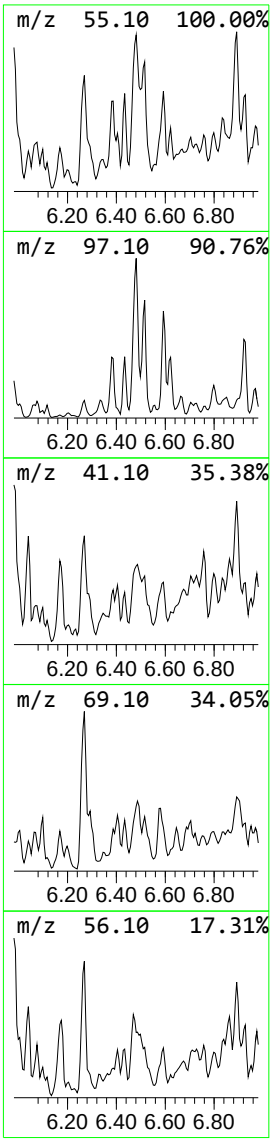
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	43.33 ng	7770010	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	76
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	58
5	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

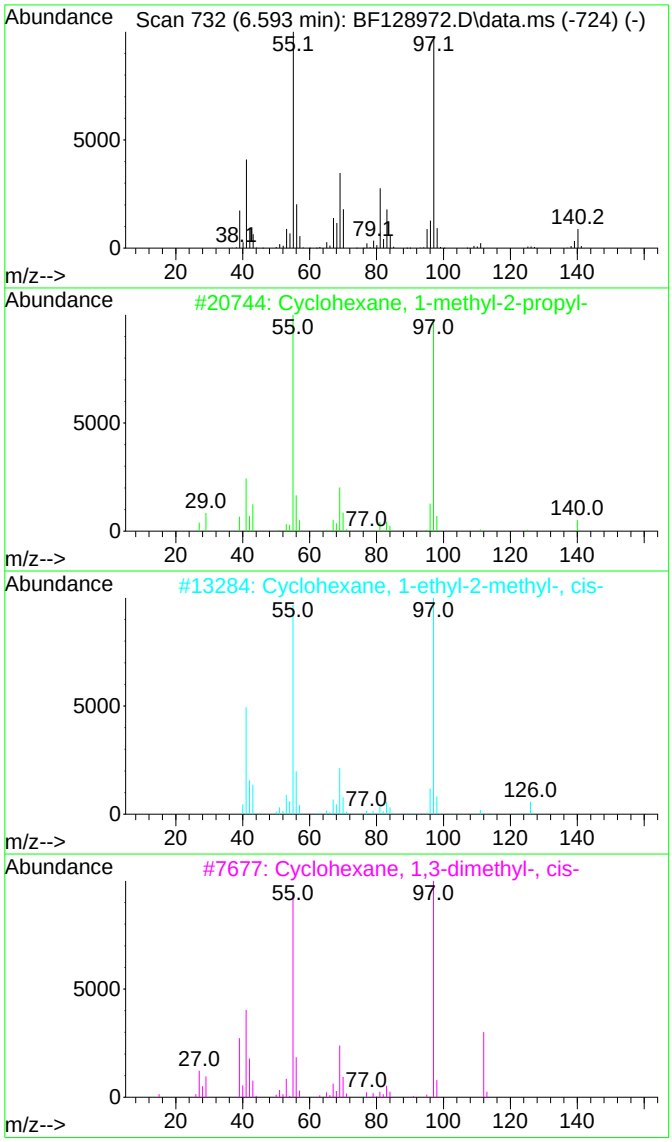
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

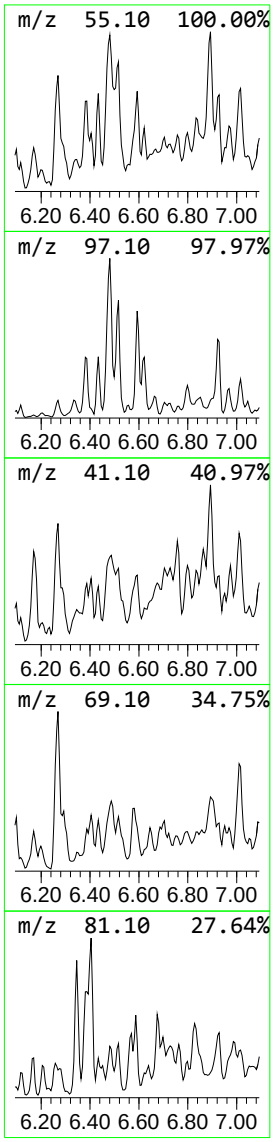
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-methyl-2-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.593	24.68 ng	4425410	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	86
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	80
5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

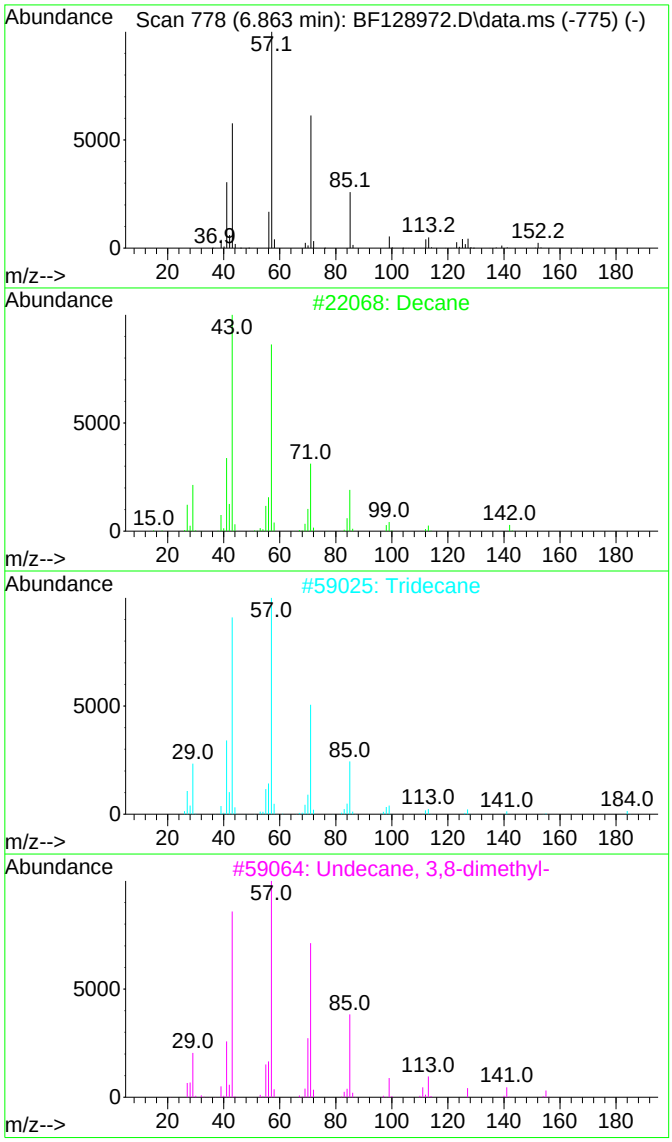
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

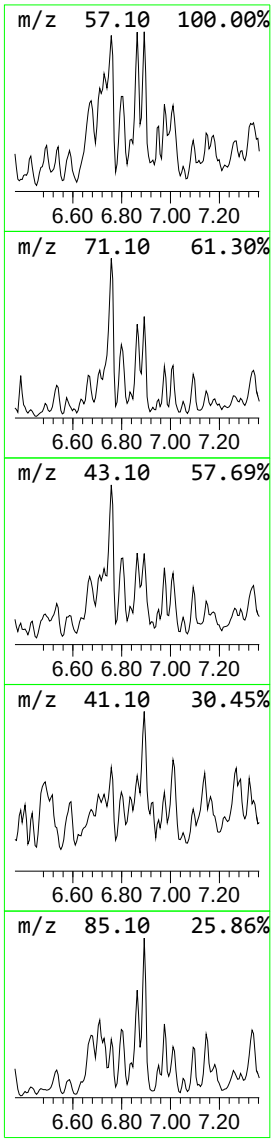
****

Peak Number 10 Decane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	19.83 ng	3557040	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

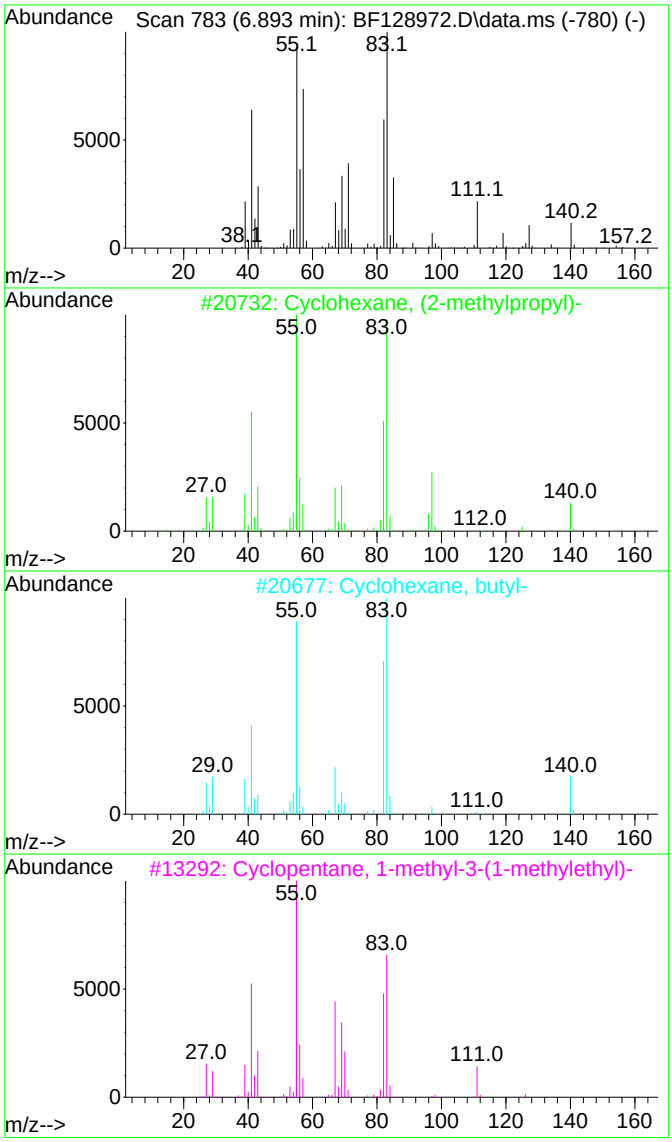
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

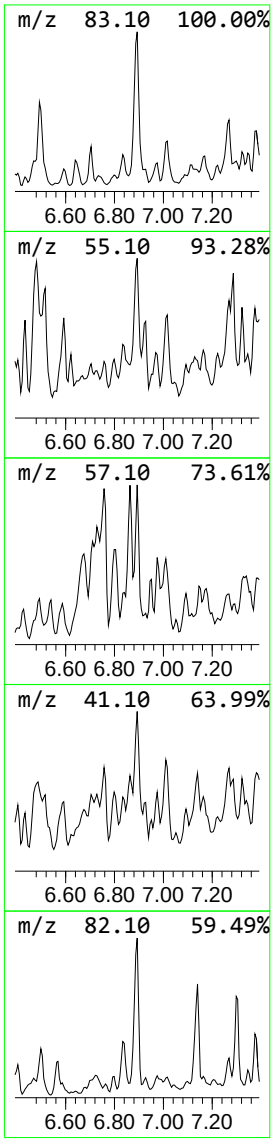
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.893	44.47 ng	7974930	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	46
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	46
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	45
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

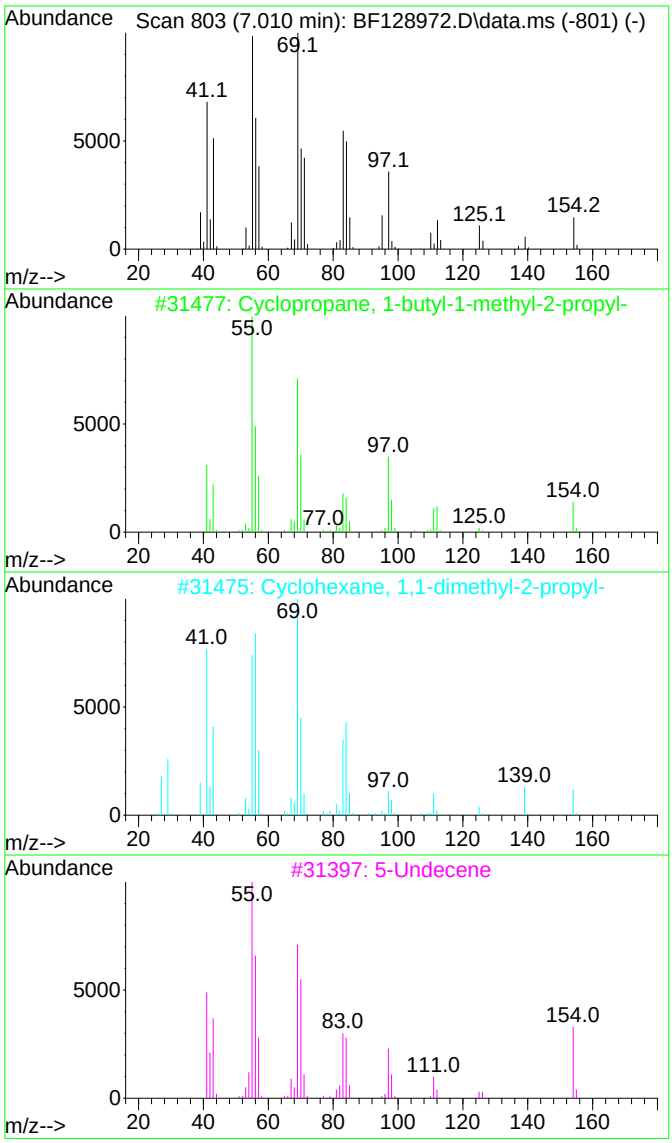
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

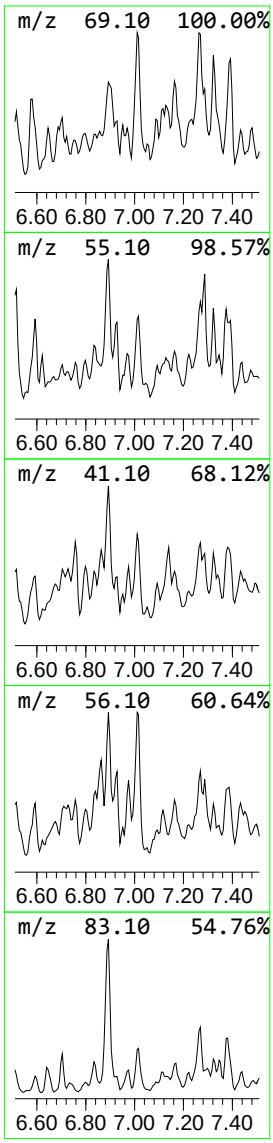
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopropane, 1-butyl-1-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	26.64 ng	4778350	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	58
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	52
3	5-Undecene	154	C11H22	004941-53-1	49
4	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	47
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

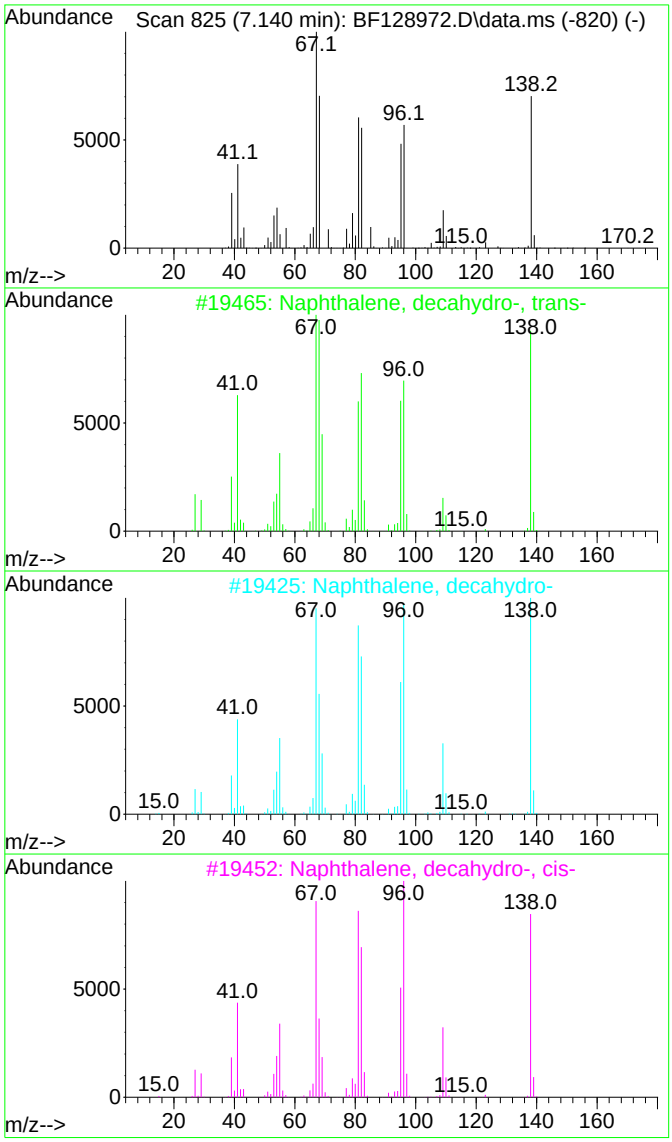
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

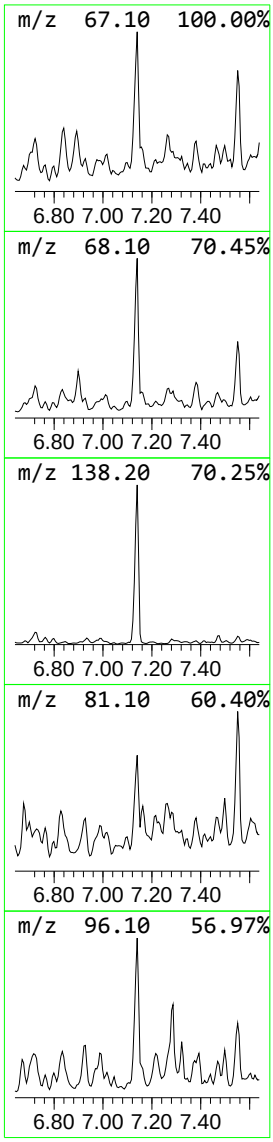
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	24.58 ng	4407940	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	81
5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

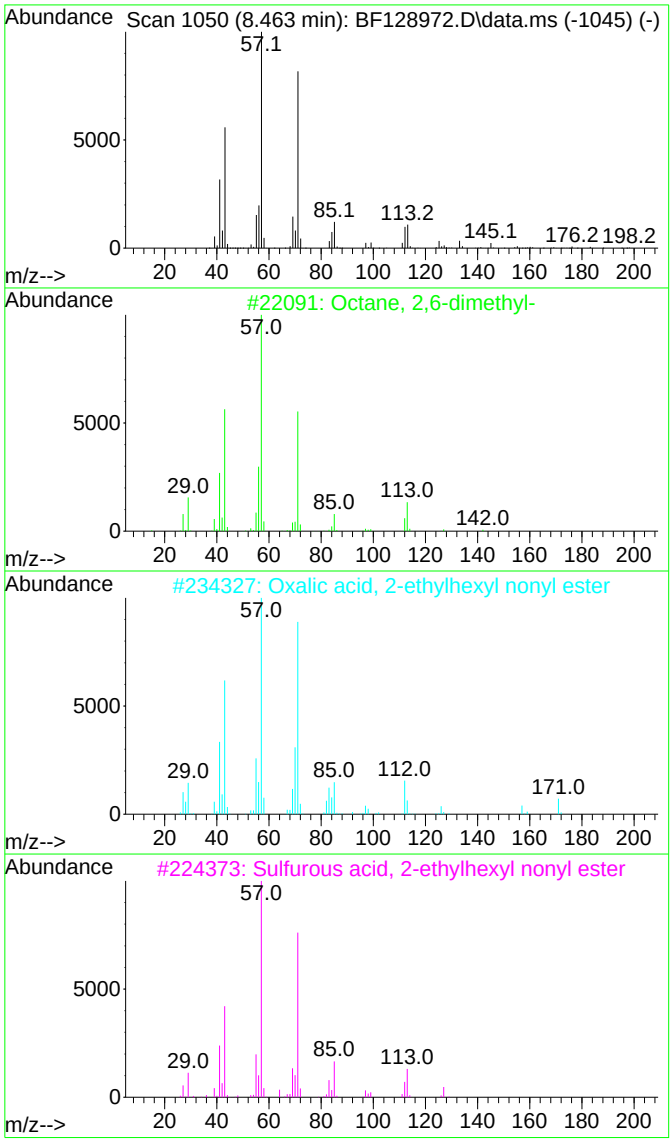
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

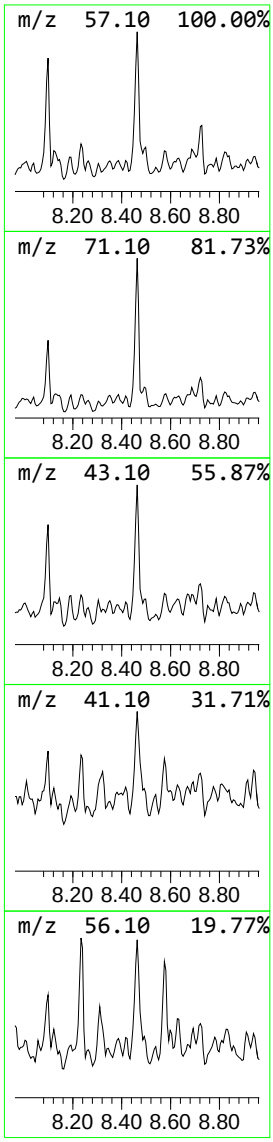
****

Peak Number 14 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	26.52 ng	8801030	Naphthalene-d8	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	83
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

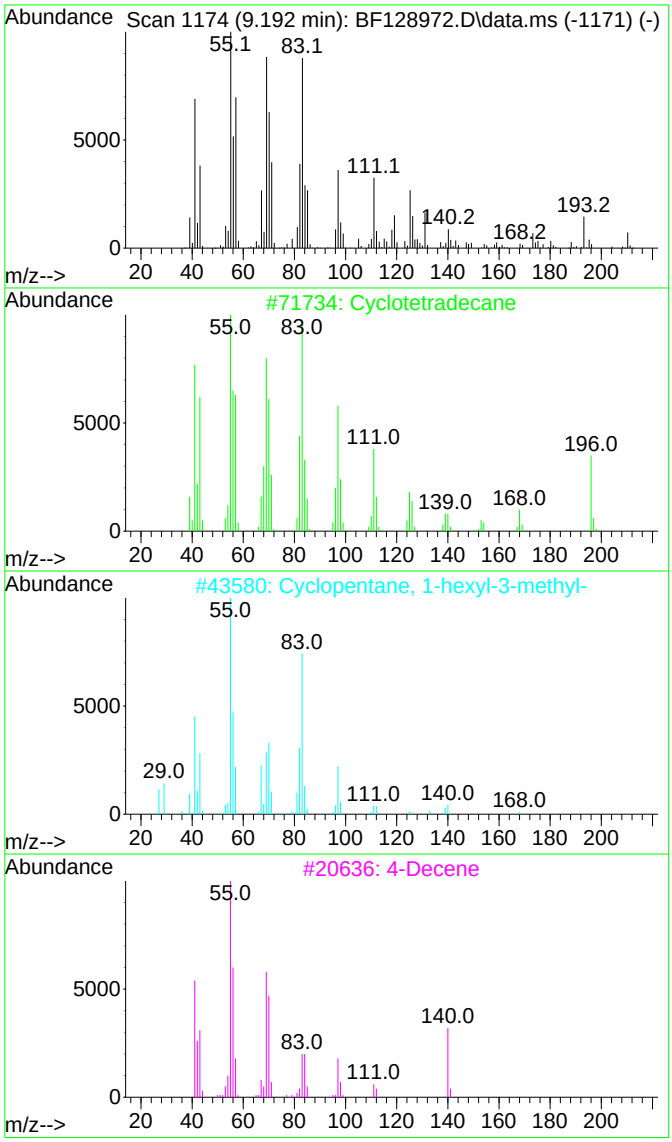
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

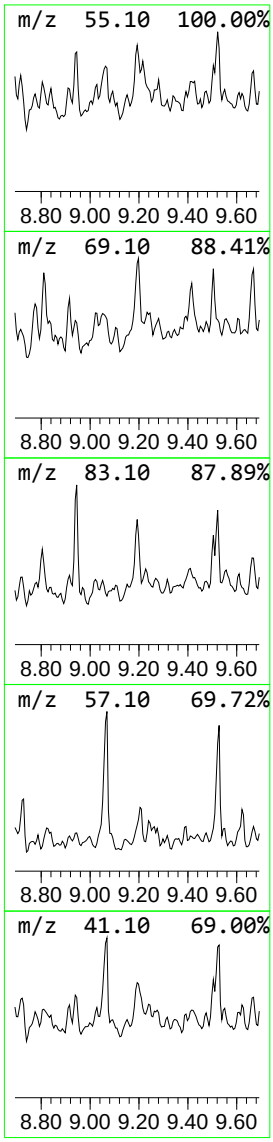
****

Peak Number 15 Cyclotetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	22.22 ng	4036750	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	87
2	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	52
3	4-Decene	140	C10H20	019689-18-0	50
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	45
5	5-Decene	140	C10H20	019689-19-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

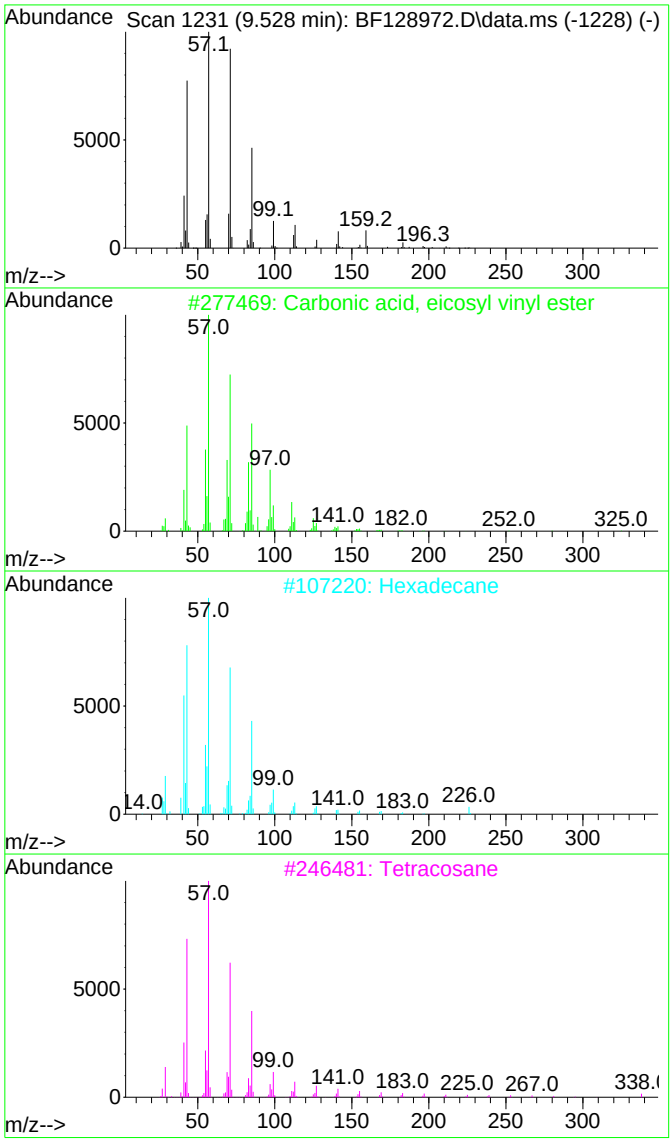
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

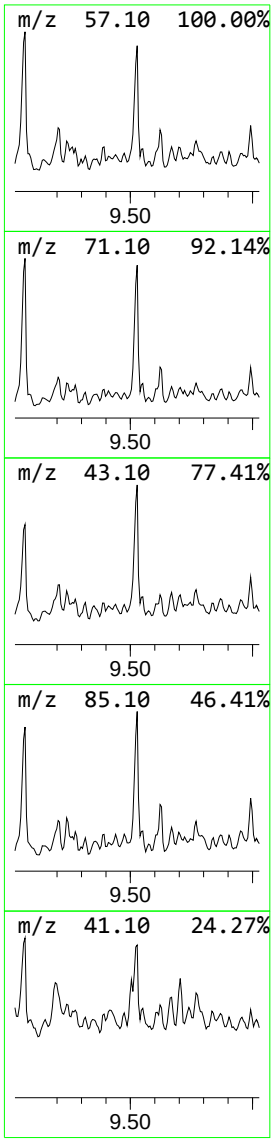
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, eicosyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	23.57 ng	4283270	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetracosane	338	C24H50	000646-31-1	78
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

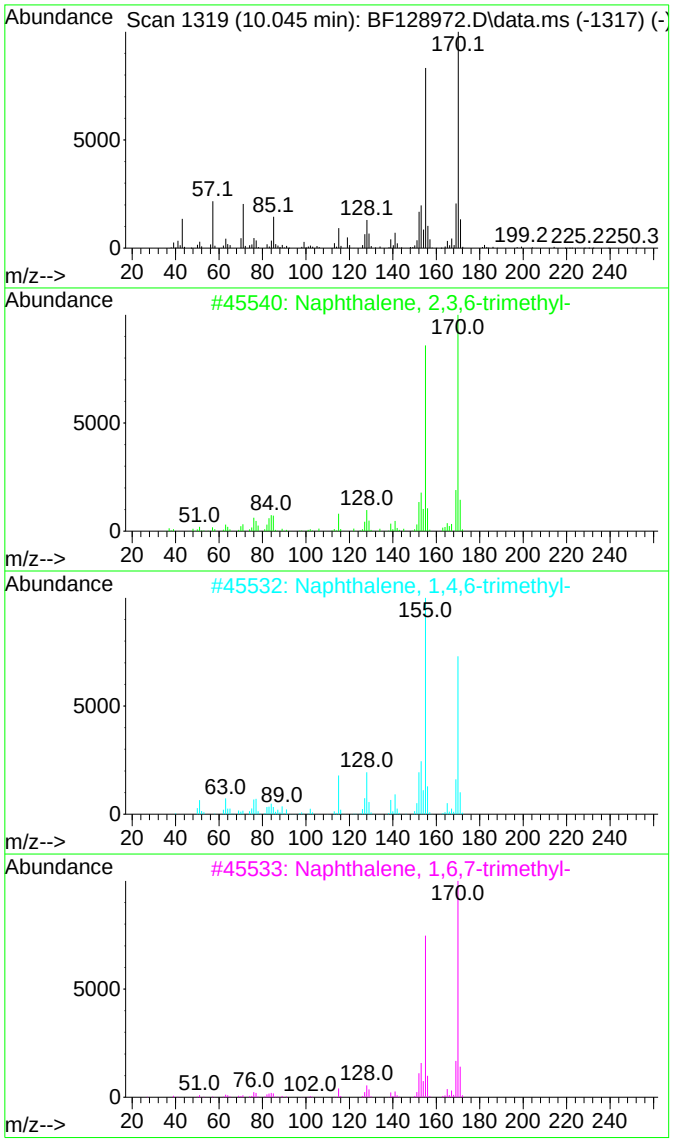
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

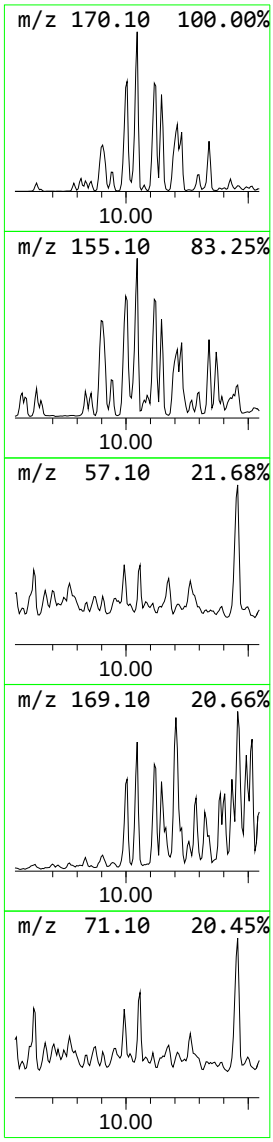
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.045	28.36 ng	5152810	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

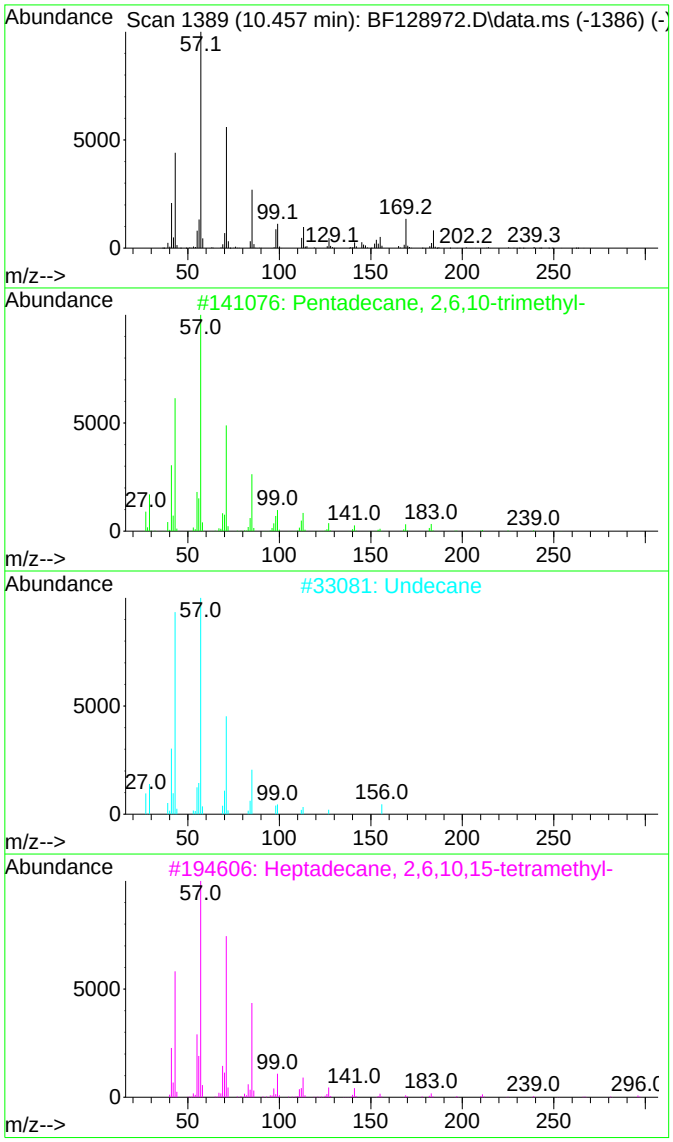
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

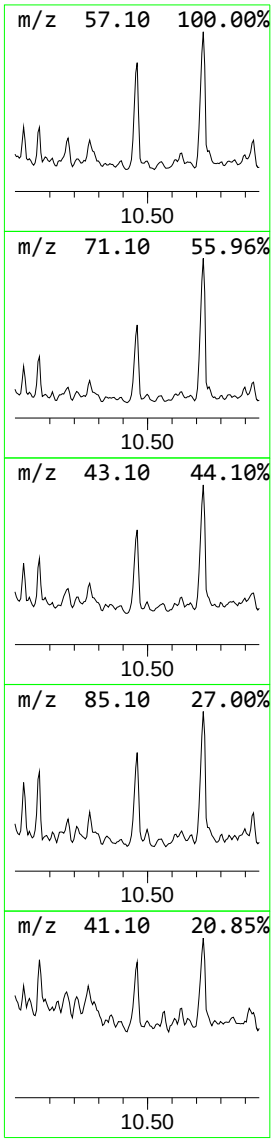
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	22.98 ng	4176260	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2	Undecane	156	C11H24	001120-21-4	68
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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

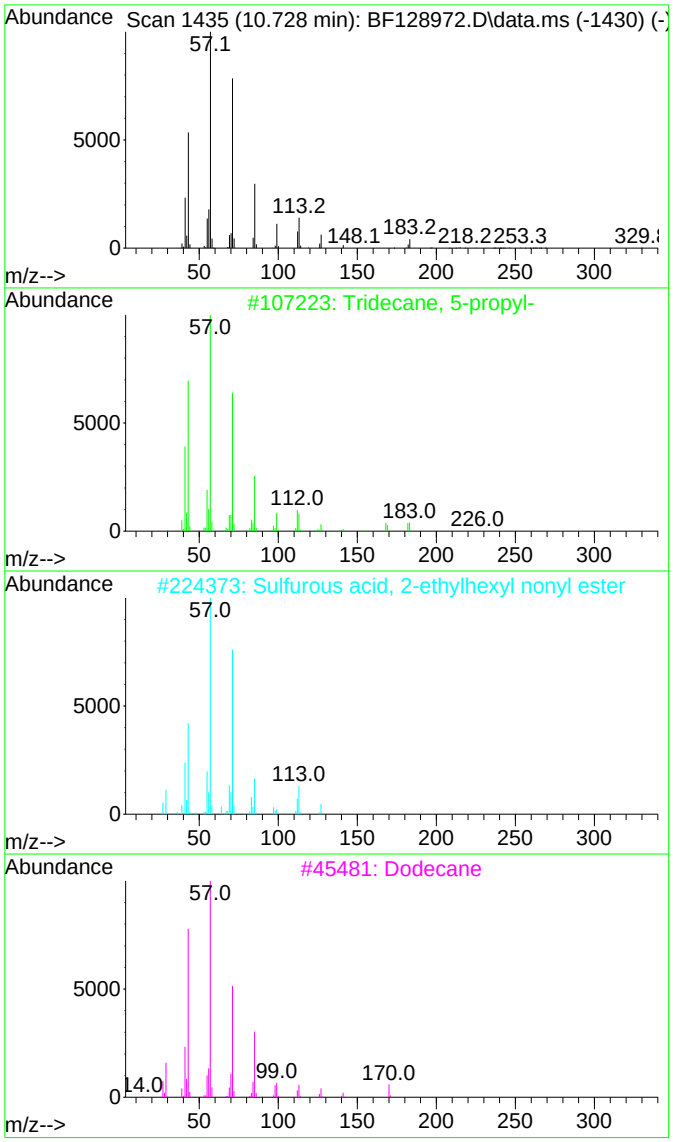
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

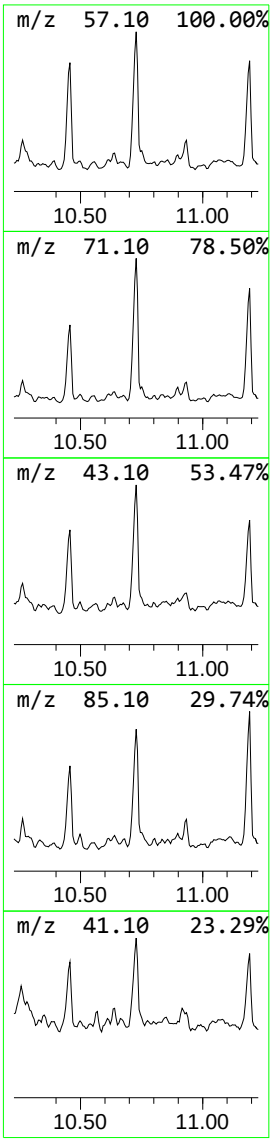
****

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	31.53 ng	7231430	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3	Dodecane	170	C12H26	000112-40-3	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

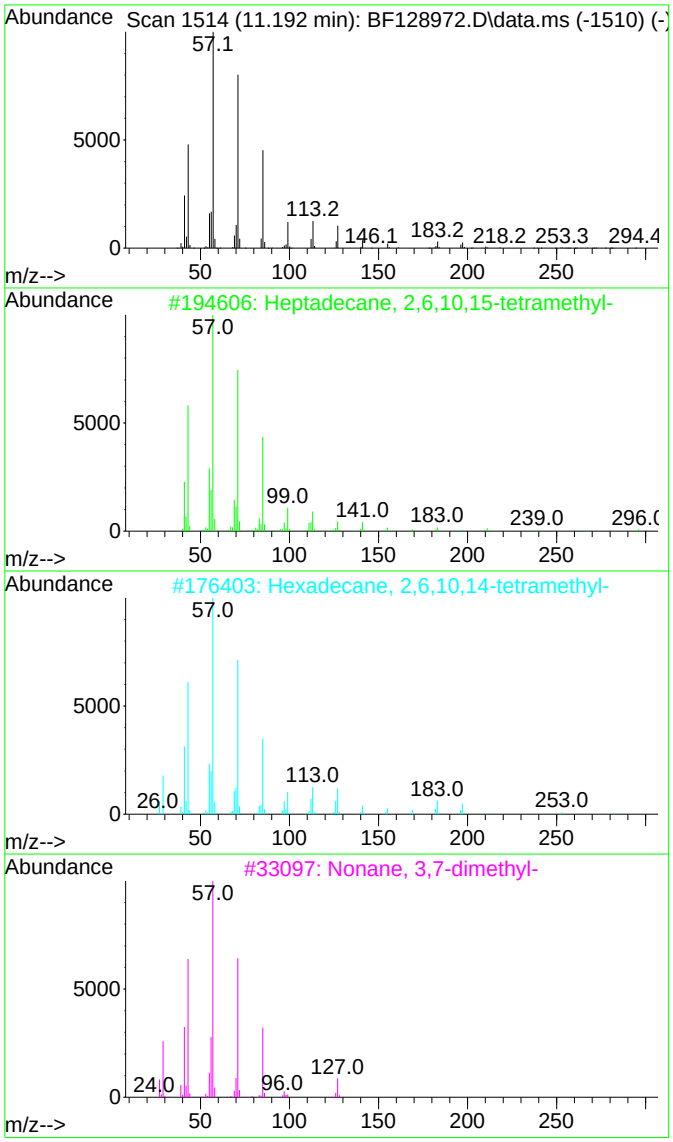
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

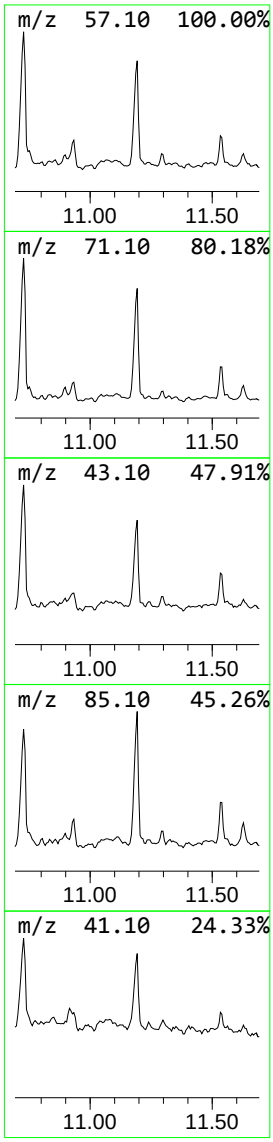
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	20.00 ng	4587510	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128972.D
Acq On : 24 Jun 2022 00:58
Operator : CG\JU
Sample : N3431-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

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-...	5.740	28.3	ng	5067990	1	6.734	3586770	20.0
Hexenyl tiglate...	5.881	34.3	ng	6151610	1	6.734	3586770	20.0
Oxalic acid, al...	5.934	19.4	ng	3478610	1	6.734	3586770	20.0
unknown5.981	5.981	65.0	ng	11662200	1	6.734	3586770	20.0
Heptane, 3-ethy...	6.040	25.2	ng	4521080	1	6.734	3586770	20.0
unknown6.169	6.169	35.4	ng	6350650	1	6.734	3586770	20.0
4-Octene, 2,6-d...	6.269	55.8	ng	9998040	1	6.734	3586770	20.0
Cyclohexane, 1,...	6.481	43.3	ng	7770010	1	6.734	3586770	20.0
Cyclohexane, 1-...	6.593	24.7	ng	4425410	1	6.734	3586770	20.0
Decane	6.863	19.8	ng	3557040	1	6.734	3586770	20.0
Cyclohexane, (2...	6.893	44.5	ng	7974930	1	6.734	3586770	20.0
Cyclopropane, 1...	7.010	26.6	ng	4778350	1	6.734	3586770	20.0
Naphthalene, de...	7.140	24.6	ng	4407940	1	6.734	3586770	20.0
Octane, 2,6-dim...	8.463	26.5	ng	8801030	2	8.028	6636620	20.0
Cyclotetradecane	9.192	22.2	ng	4036750	3	9.792	3633930	20.0
Carbonic acid, ...	9.528	23.6	ng	4283270	3	9.792	3633930	20.0
Naphthalene, 2,...	10.045	28.4	ng	5152810	3	9.792	3633930	20.0
Pentadecane, 2,...	10.457	23.0	ng	4176260	3	9.792	3633930	20.0
Tridecane, 5-pr...	10.728	31.5	ng	7231430	4	11.286	4587510	20.0
Heptadecane, 2,...	11.192	20.0	ng	4587510	4	11.286	4587510	20.0