LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

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_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.131	317	322	328	rBV2	174538	280459	1.02%	0.092%
2	5.295	346	350	354	rBV	284986	398217	1.44%	0.131%
3	5.390	360	366	368	rVV2	832864	1337598	4.85%	0.439%
4	5.419	368	371	380	rVB2	1142884	1620243	5.88%	0.532%
5	5.513	380	387	395	rBV2	2792179	5967540	21.64%	1.959%
6	5.578	395	398	403	rBV	213683	322092	1.17%	0.106%
7	5.631	403	407	418	rVB2	266631	504810	1.83%	0.166%
8	5.731	418	424	425	rBV	272205	363147	1.32%	0.119%
9	5.825	433	440	444	rBV3	476622	886433	3.22%	0.291%
10	5.907	449	454	458	rVV	1244211	1816823	6.59%	0.597%
11	5.972	458	465	473	rVB2	5092453	8165218	29.62%	2.681%
12	6.048	473	478	488	rBV2	343034	590275	2.14%	0.194%
13	6.137	488	493	501	rVB2	514164	909459	3.30%	0.299%
14	6.231	501	509	517	rBV3	3139051	7397263	26.83%	2.429%
15	6.295	517	520	523	rVB2	445052	516090	1.87%	0.169%
16	6.354	523	530	536	rVB	2762778	5649404	20.49%	1.855%
17	6.448	540	546	554	rBV4	3465986	6105379	22.14%	2.005%
18	6.525	554	559	564	rBV	5578778	8539232	30.97%	2.804%
19	6.601	564	572	576	rBV3	4168668	9657564	35.03%	3.171%
20	6.637	576	578	586	rVB	2898631	3636111	13.19%	1.194%
21	6.719	588	592	598	rVB3	910785	1664851	6.04%	0.547%
22	6.784	598	603	609	rVB2	1252922	2157670	7.83%	0.708%
23	6.872	609	618	623	rBV2	3170737	8031550	29.13%	2.637%
24	6.931	623	628	631	rBV2	3449644	6018076	21.83%	1.976%
25	6.972	631	635	639	rVB	6776622	9935646	36.04%	3.262%
26	7.025	639	644	647	rBV	6049071	9189445	33.33%	3.017%
27	7.060	647	650	655	rVB2	3067109	4827785	17.51%	1.585%
28	7.137	655	663	668	rBV4	7641362	17504664	63.49%	5.748%
29	7.195	668	673	680	rVB	3875239	5972702	21.66%	1.961%
30	7.254	680	683	686	rBV	299896	412013	1.49%	0.135%
31	7.307	686	692	696	rBV4	1158393	2322342	8.42%	0.763%
32	7.360	696	701	705	rBV	2777634	3883960	14.09%	1.275%
33	7.395	705	707	710	rBV2	410360	511470	1.86%	0.168%
34	7.431	710	713	715	rBV2	747861	1048783	3.80%	0.344%
35	7.460	715	718	723	rVB	2006456	2714157	9.84%	0.891%
36	7.537	727	731	738	rVB2	1439624	2335009	8.47%	0.767%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

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_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.613	738	744	751	rBV2	15437216	27570463	100.00%	9.053%
38	7.701	755	759	764	rVB2	1016466	1856655	6.73%	0.610%
39	7.754	764	768	770	rBV	536069	640086	2.32%	0.210%
40	7.795	770	775	776	rBV2	1131611	1645044	5.97%	0.540%
41	7.878	785	789	791	rBV2	1639254	2385989	8.65%	0.783%
42	7.901	791	793	798	rVV3	1881203	2861599	10.38%	0.940%
43	7.966	798	804	809	rVB	6423360	10273263	37.26%	3.373%
44	8.019	809	813	815	rBV	1507559	2242725	8.13%	0.736%
45	8.054	815	819	822	rVV3	1547900	2822892	10.24%	0.927%
46	8.095	822	826	834	rVB2	2664050	5280494	19.15%	1.734%
47	8.172	834	839	843	rBV2	2310127	3179554	11.53%	1.044%
48	8.213	843	846	848	rBV	321366	371163	1.35%	0.122%
49	8.272	852	856	863	rVB3	3414828	6068038	22.01%	1.992%
50	8.336	863	867	870	rBV2	468718	783098	2.84%	0.257%
51	8.419	877	881	886	rBV3	830372	1313901	4.77%	0.431%
52	8.472	886	890	893	rVV	915010	1635324	5.93%	0.537%
53	8.519	893	898	904	rVV2	4234376	8225030	29.83%	2.701%
54	8.578	904	908	911	rVV	2221213	3002397	10.89%	0.986%
55	8.619	911	915	918	rVV2	3428846	5596144	20.30%	1.837%
56	8.648	918	920	930	rVB	2870938	4711337	17.09%	1.547%
57	8.754	932	938	941	rBV	2249482	3570456	12.95%	1.172%
58	8.783	941	943	946	rVV	1116696	1438299	5.22%	0.472%
59	8.813	946	948	953	rVB	747356	968152	3.51%	0.318%
60	8.936	964	969	973	rBV	856271	1144850	4.15%	0.376%
61	8.983	973	977	986	rVB	1162725	1921663	6.97%	0.631%
62	9.089	986	995	999	rBV2	1826005	3886207	14.10%	1.276%
63	9.131	999	1002	1006	rVV	1417273	2095634	7.60%	0.688%
64	9.219	1006	1017	1022	rVB	4790293	8013023	29.06%	2.631%
65	9.342	1027	1038	1044	rBV8	1051278	3185444	11.55%	1.046%
66	9.425	1044	1052	1054	rBV	449805	862334	3.13%	0.283%
67	9.478	1058	1061	1068	rVB4	599860	1031584	3.74%	0.339%
68	9.572	1069	1077	1080	rBV4	336909	771183	2.80%	0.253%
69	9.613	1080	1084	1089	rVV2	308994	561918	2.04%	0.185%
70	9.666	1089	1093	1098	rVB2	520987	832665	3.02%	0.273%
71	9.754	1105	1108	1120	rVB2	159127	328099	1.19%	0.108%
72	9.872	1120	1128	1132	rVV3	410109	812433	2.95%	0.267%
73	9.913	1132	1135	1140	rVV2	490879	807901	2.93%	0.265%
74	9.978	1140	1146	1153	rVV3	433249	1156644	4.20%	0.380%
75	10.066	1153	1161	1166	rVV2	388412	886392	3.22%	0.291%
76	10.136	1166	1173	1177	rVV	428559	695835	2.52%	0.228%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

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_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.189	1177	1182	1184	rVV3	296594	549957	1.99%	0.181%
78	10.219	1184	1187	1190	rVV	348765	561770	2.04%	0.184%
79	10.248	1190	1192	1198	rVV2	233548	332011	1.20%	0.109%
80	10.325	1200	1205	1210	rVV2	269142	561485	2.04%	0.184%
81	10.560	1237	1245	1252	rVB2	177692	343860	1.25%	0.113%
82	10.772	1273	1281	1287	rBV2	1057292	2170534	7.87%	0.713%
83	10.830	1287	1291	1300	rVB	233449	438177	1.59%	0.144%
84	13.230	1692	1699	1715	rBV	3839295	5769002	20.92%	1.894%
85	13.513	1741	1747	1756	rVB	325254	501496	1.82%	0.165%
86	14.601	1924	1932	1942	rBV	1150054	1738647	6.31%	0.571%
87	15.601	2096	2102	2108	rBV	1321788	1725004	6.26%	0.566%
88	16.083	2177	2184	2192	rBV	3039136	4462034	16.18%	1.465%
89	16.312	2219	2223	2226	rBV	418694	572769	2.08%	0.188%
90	17.106	2353	2358	2362	rBV	274729	336397	1.22%	0.110%
91	17.336	2391	2397	2407	rBV	1313435	1893479	6.87%	0.622%
92	17.842	2479	2483	2488	rBV	245405	302817	1.10%	0.099%
93	18.012	2507	2512	2518	rVB	278941	344344	1.25%	0.113%
94	19.183	2703	2711	2715	rBV2	702724	1040751	3.77%	0.342%
95	19.947	2836	2841	2848	rVB	5205273	6519803	23.65%	2.141%
96	21.218	3053	3057	3064	rBV	379460	462635	1.68%	0.152%
97	21.500	3100	3105	3110	rBV	1200594	1568381	5.69%	0.515%
98	23.918	3509	3516	3526	rVB2	841062	1729936	6.27%	0.568%

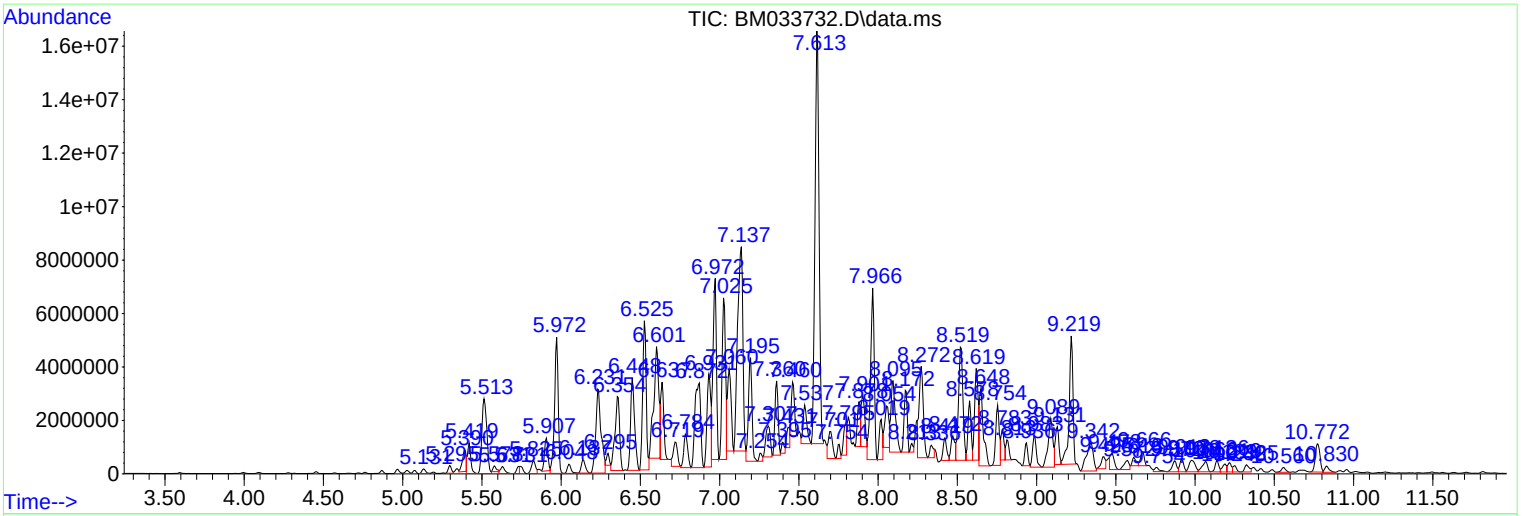
Sum of corrected areas: 304554681

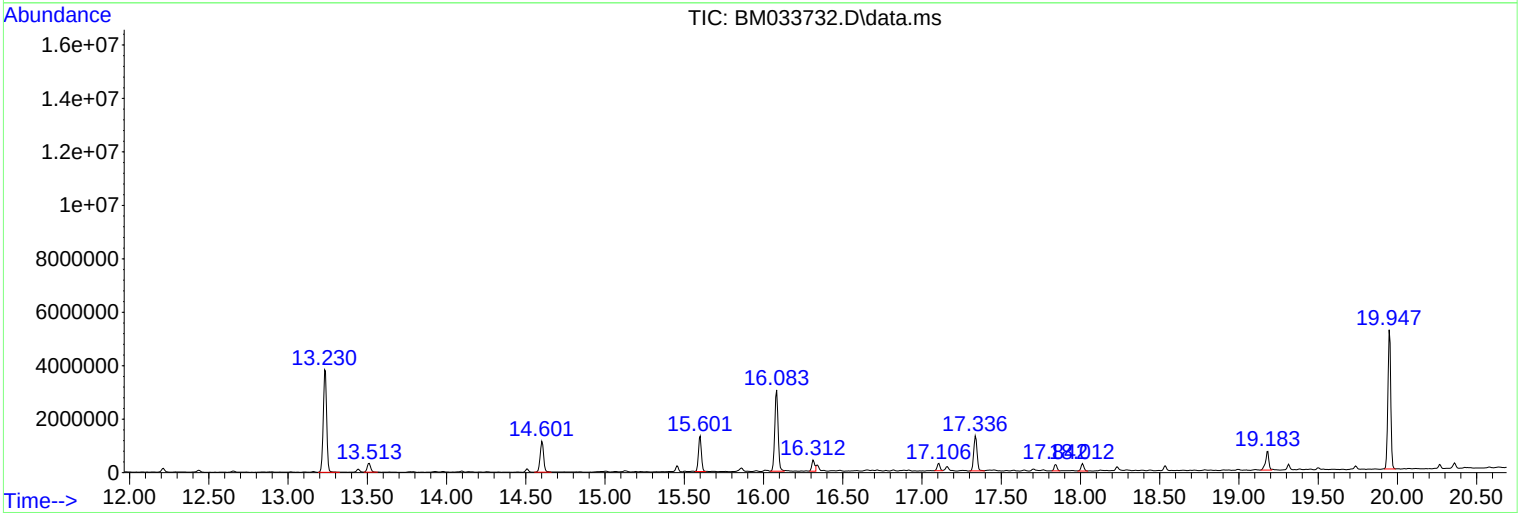
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

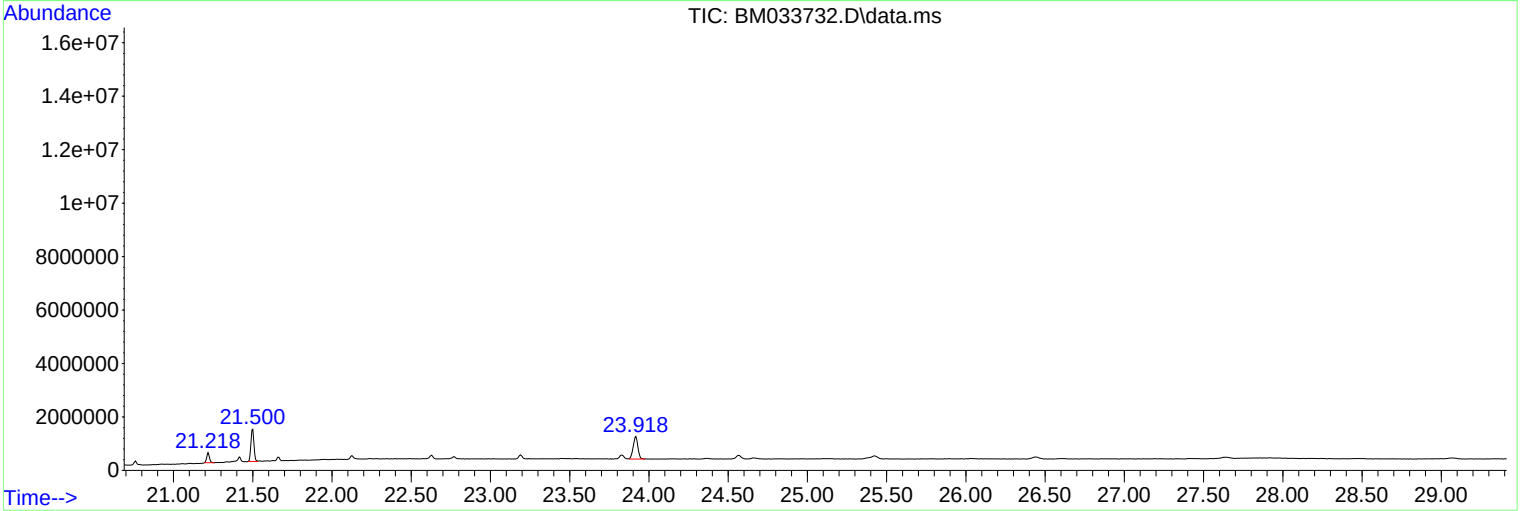
Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.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_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

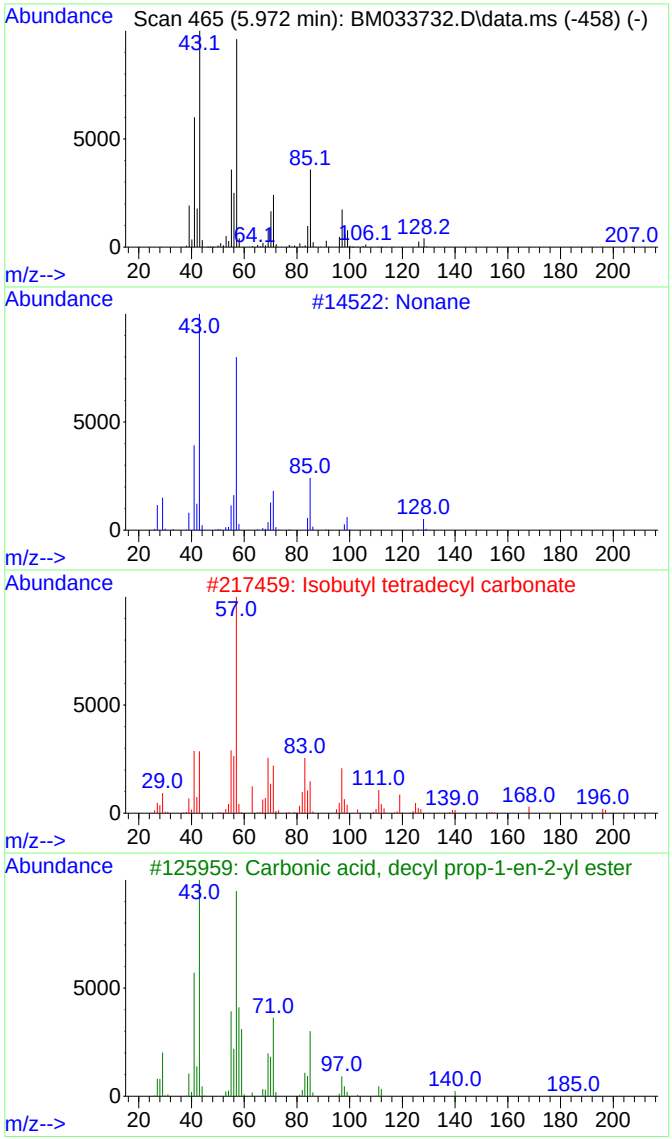
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

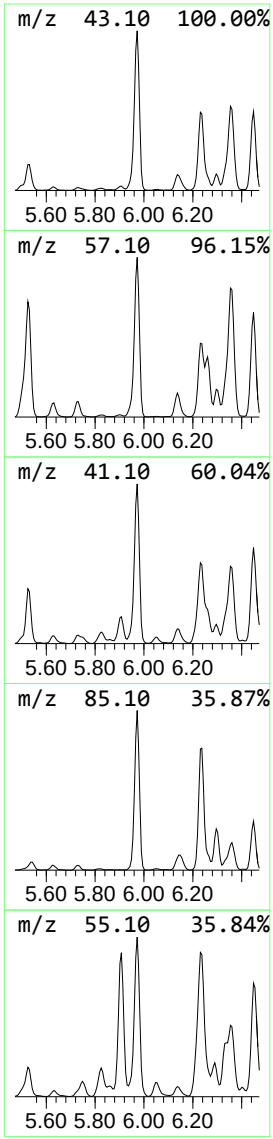
****

Peak Number 1 Nonane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.972	15.90 ng	8165220	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
3	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

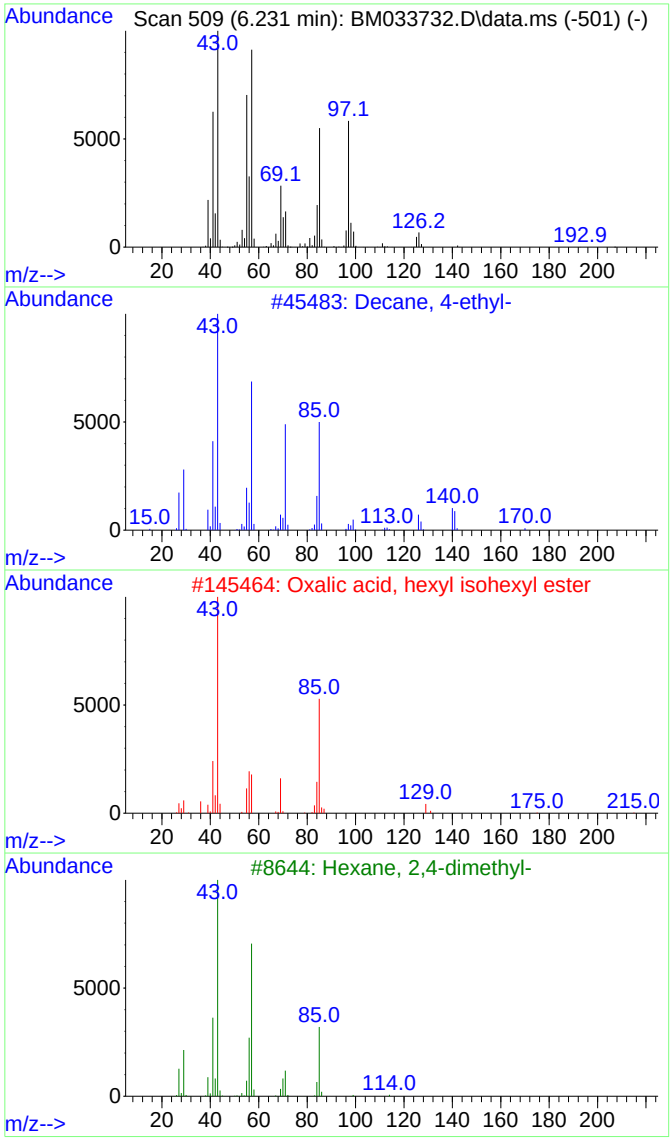
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

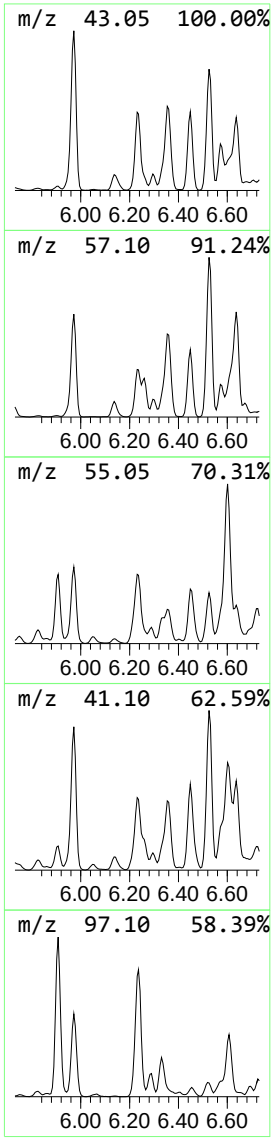
****

Peak Number 2 unknown6.231 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.231	14.40 ng	7397260	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	43
2	Oxalic acid, hexyl isohexyl ester	258	C14H26O4	1010309-33-0	38
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	38
5	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

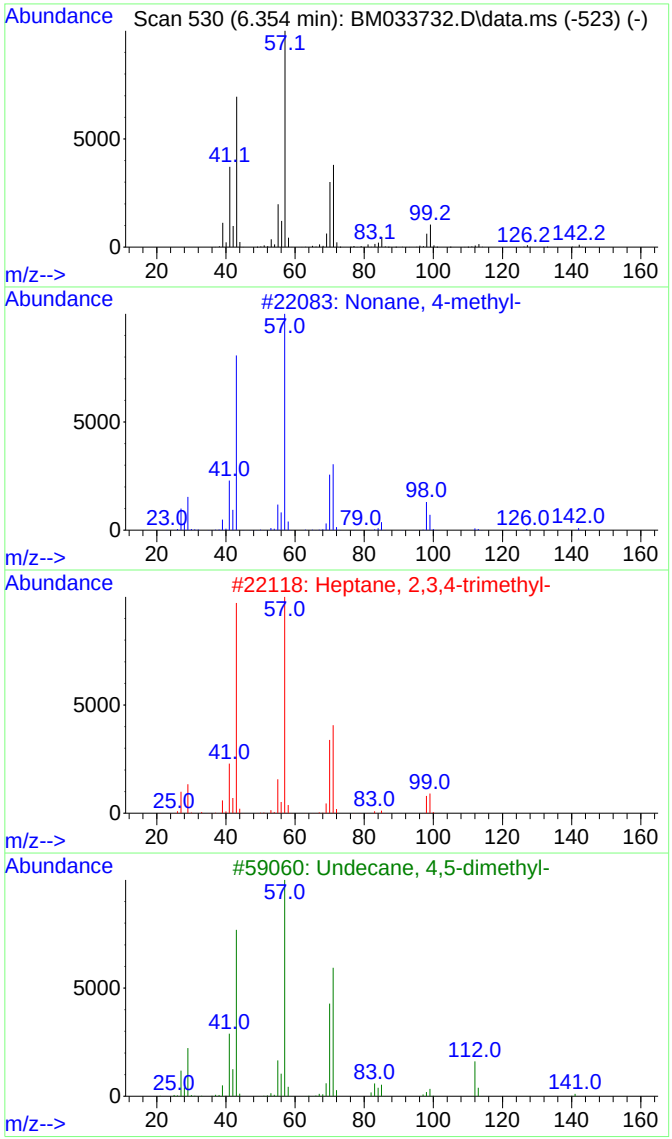
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

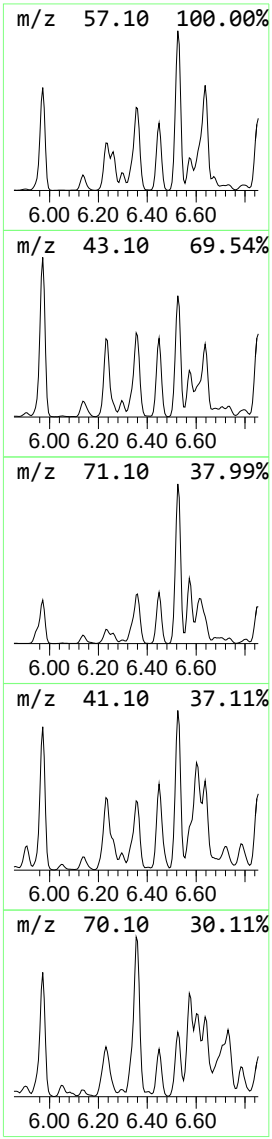
****

Peak Number 3 Nonane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.354	11.00 ng	5649400	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

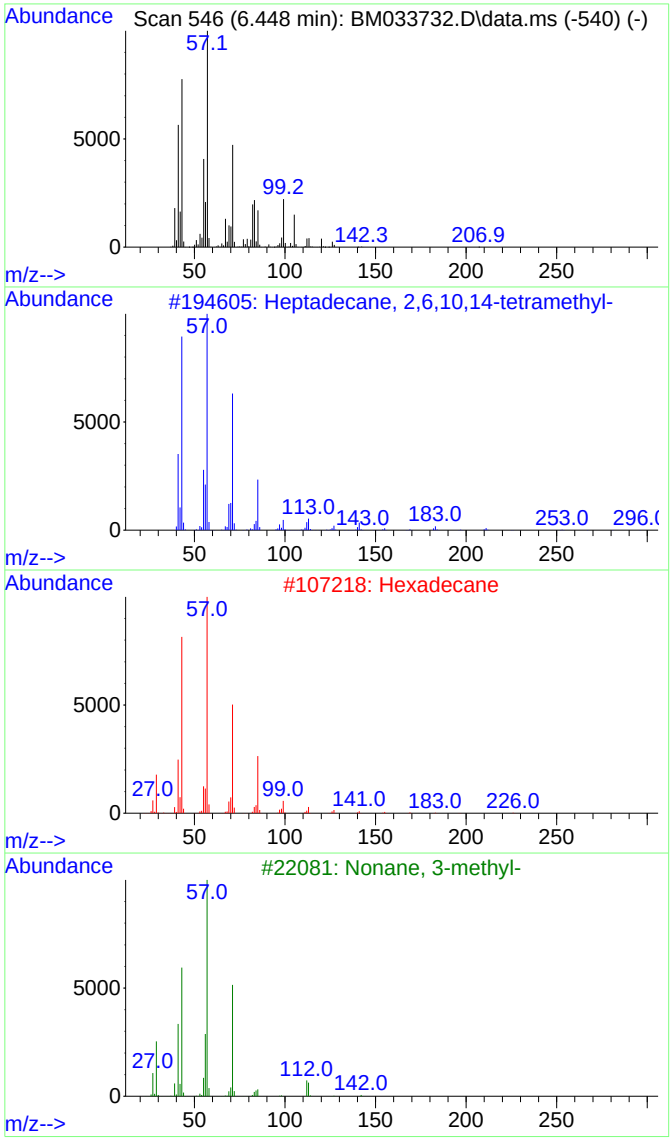
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

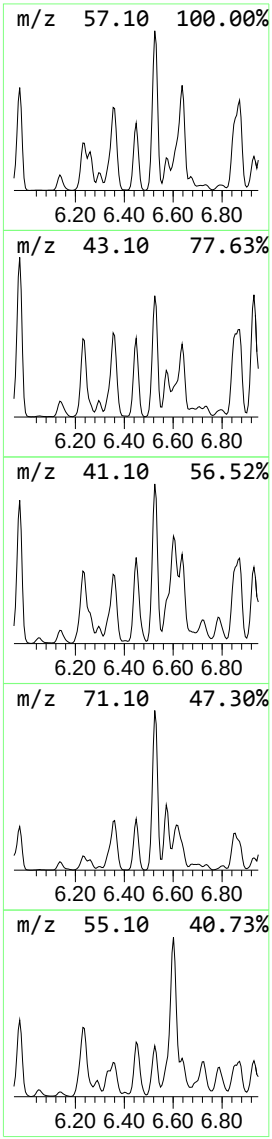
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown6.448 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.448	11.89 ng	6105380	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	47
2	Hexadecane	226	C16H34	000544-76-3	43
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

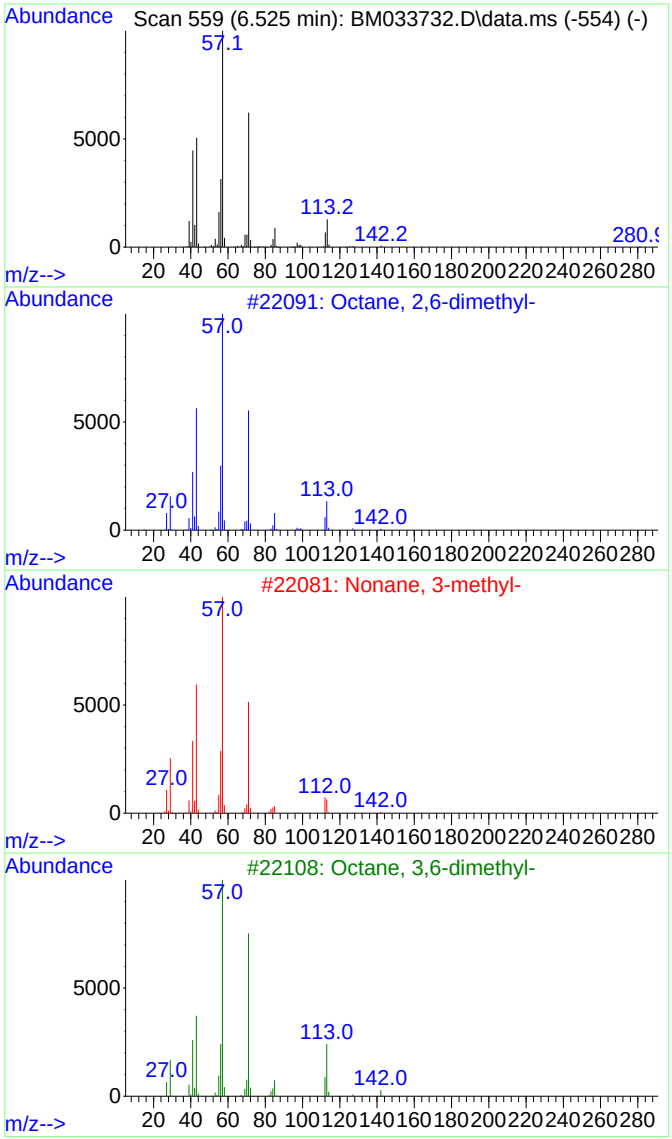
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

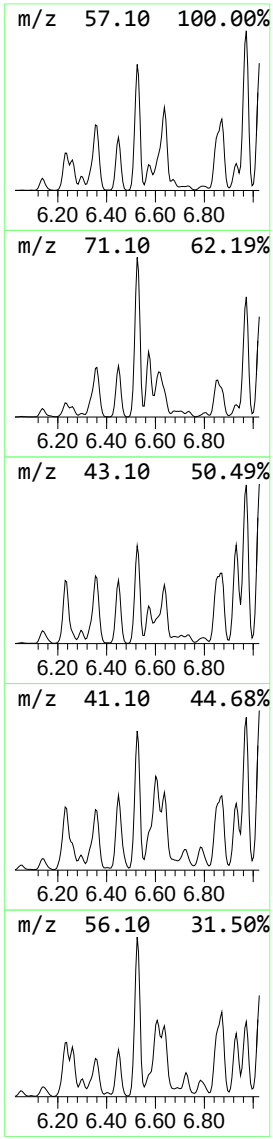
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.525	16.62 ng	8539230	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	64
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





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Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

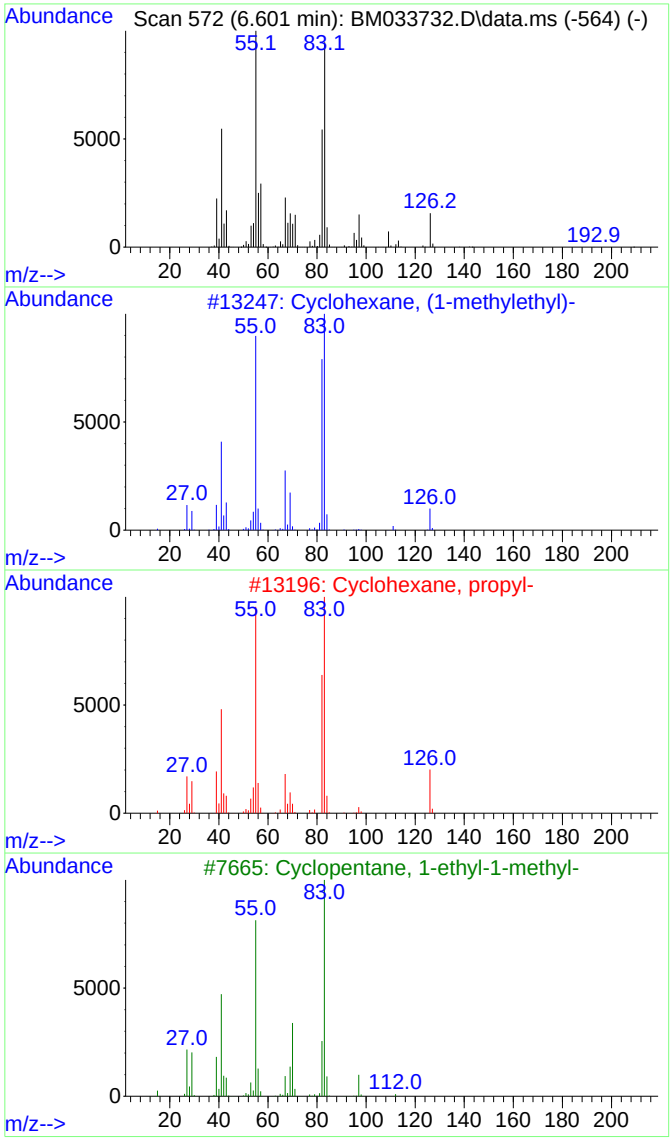
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

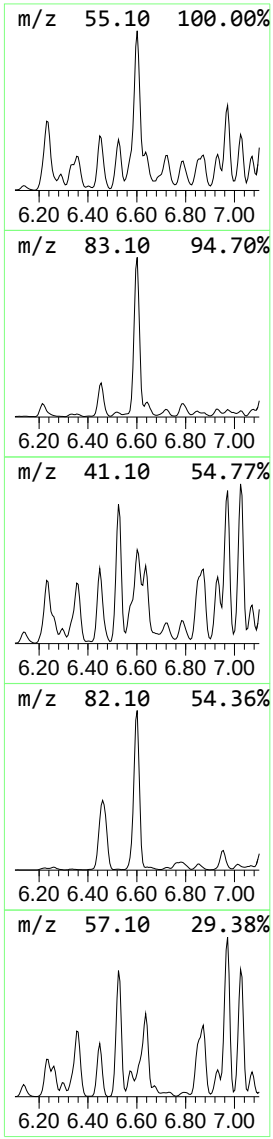
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.601	18.80 ng	9657560	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	58
4	Oxalic acid, cyclohexyl isobutyl...	228	C12H20O4	1000309-30-4	47
5	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	47





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Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

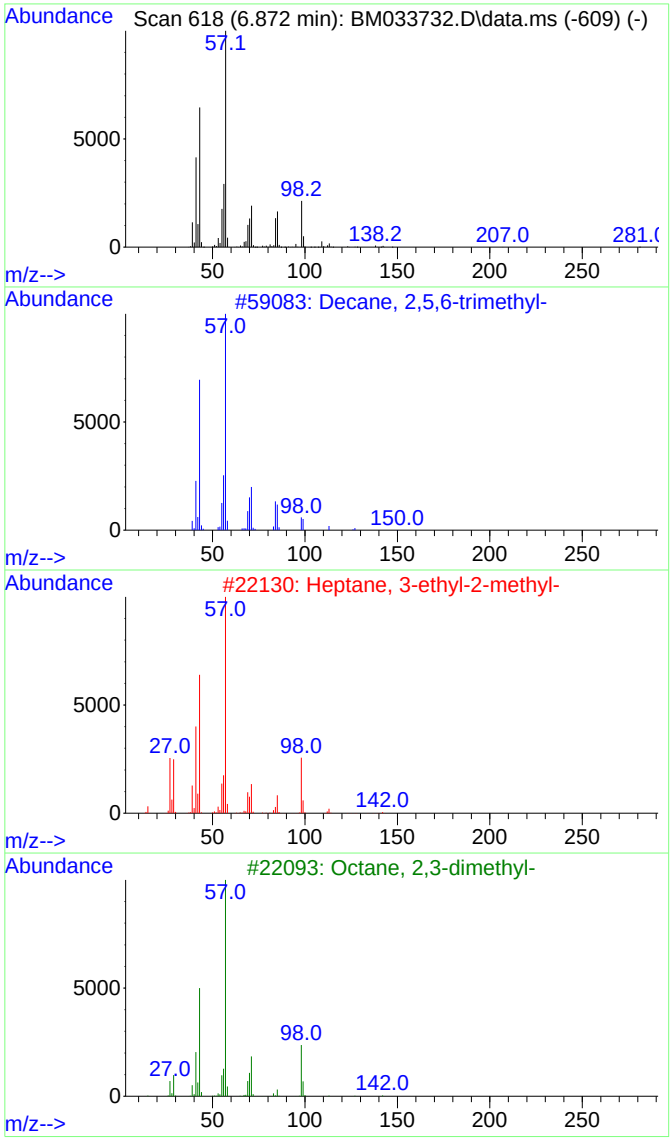
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

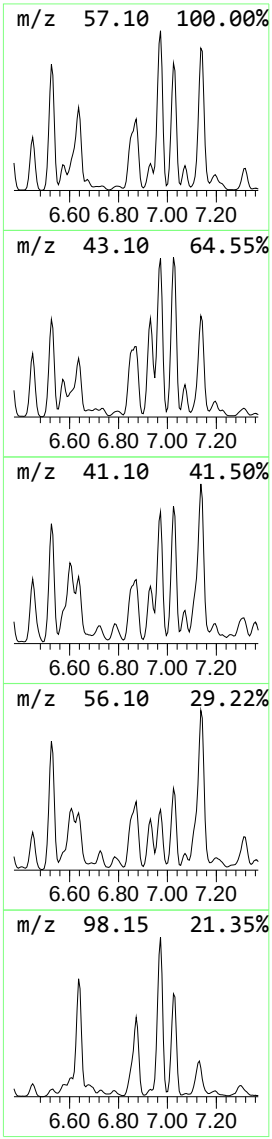
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Decane, 2,5,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.872	15.64 ng	8031550	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

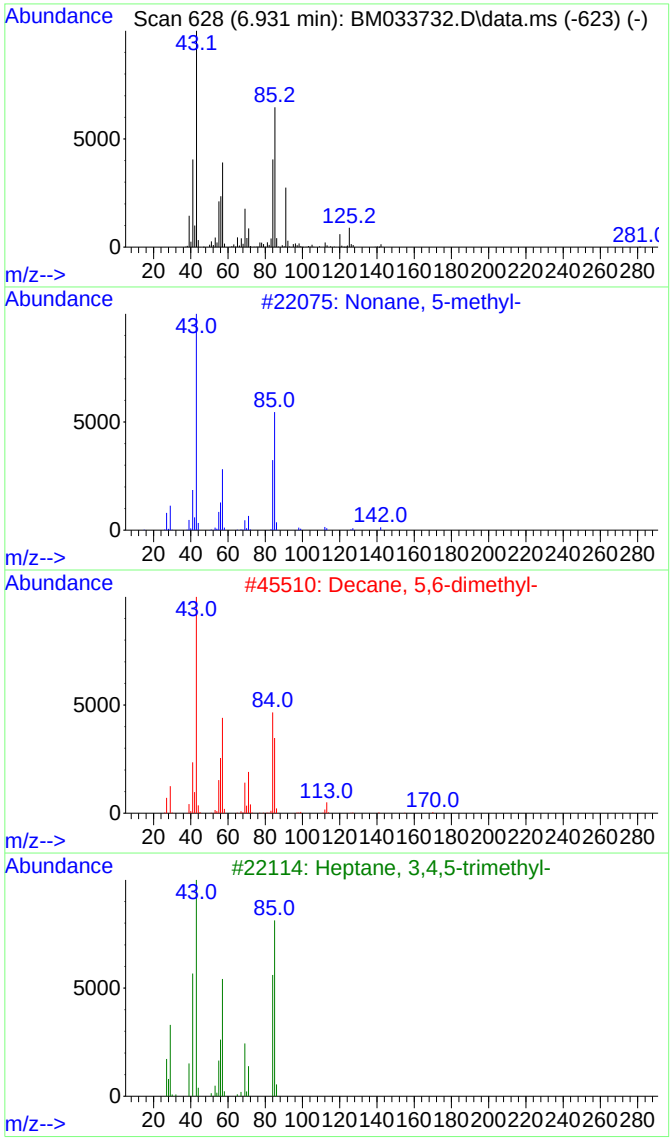
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

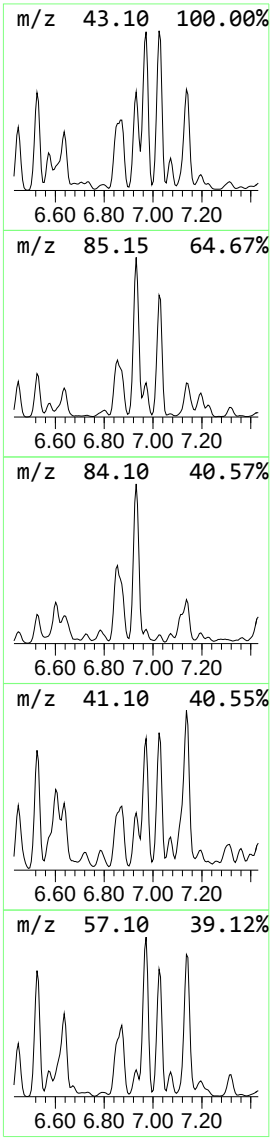
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Nonane, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.931	11.72 ng	6018080	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-	142	C10H22	015869-85-9	87
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
5	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	59





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Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

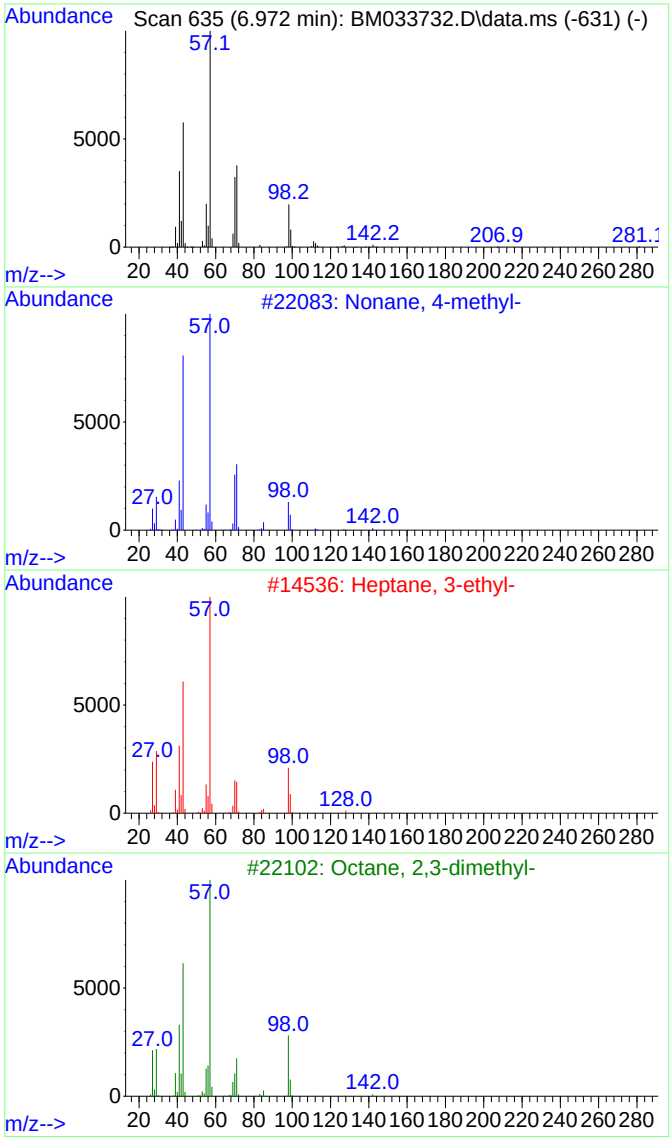
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

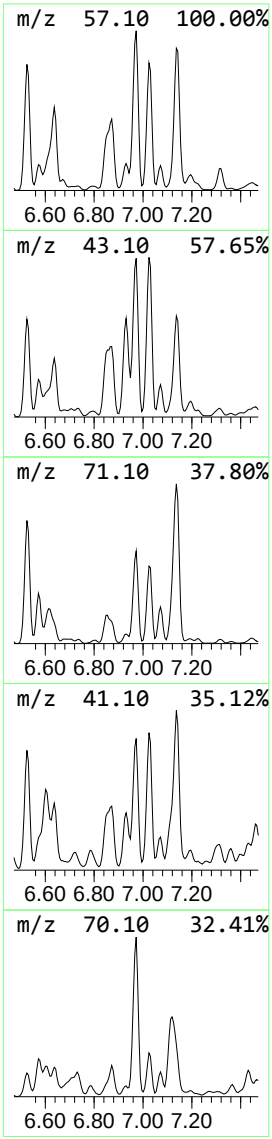
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptane, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.972	19.34 ng	9935650	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

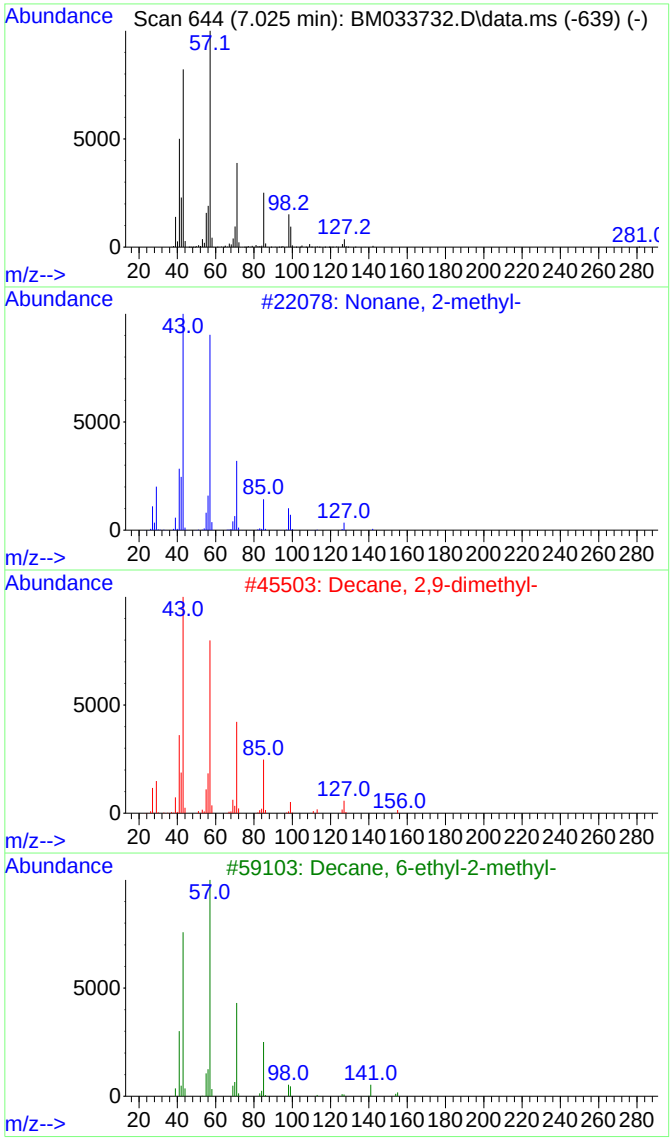
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

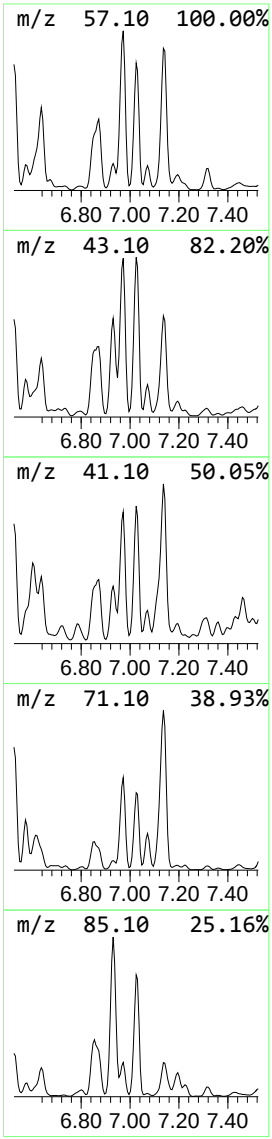
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Nonane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.025	17.89 ng	9189450	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	91
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5	Decane	142	C10H22	000124-18-5	59





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Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

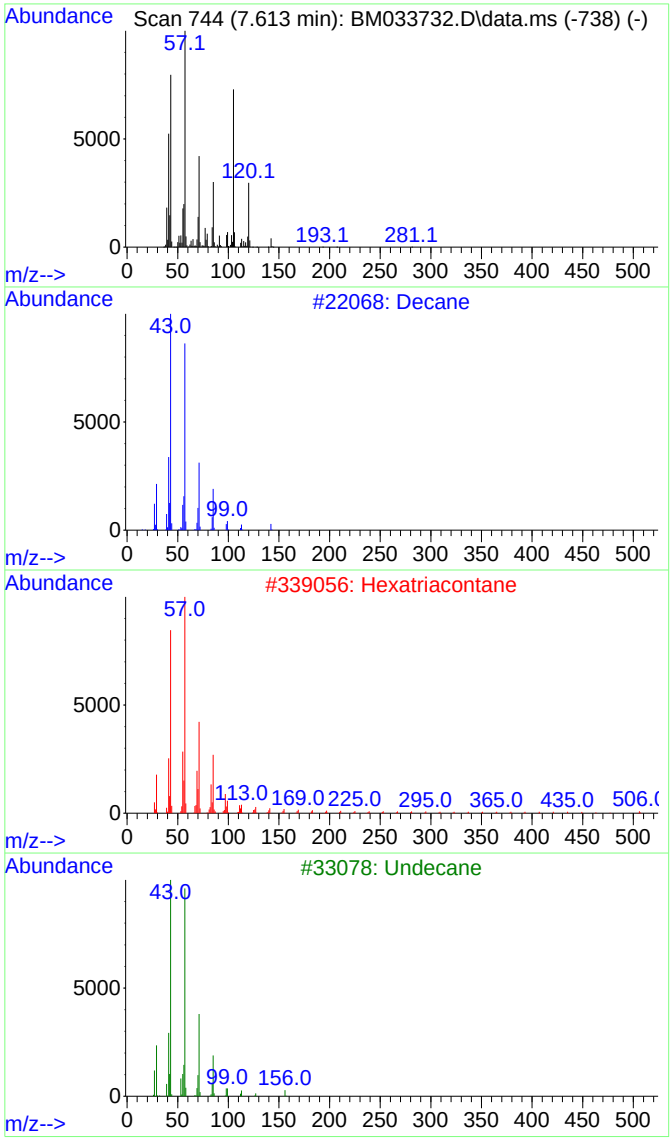
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

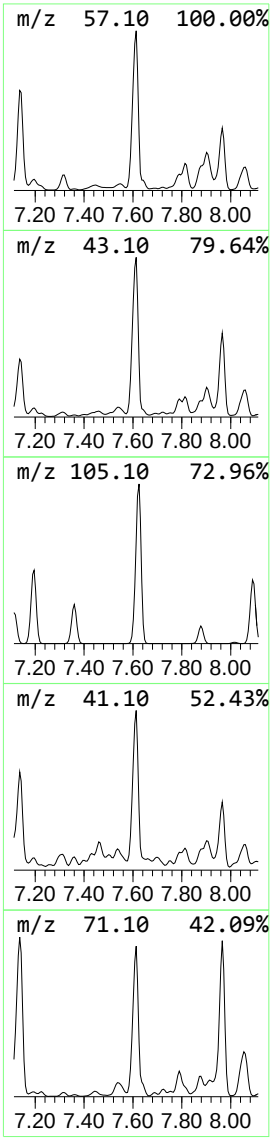
****

Peak Number 11 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.613	53.67 ng	27570500	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Hexatriacontane	507	C36H74	000630-06-8	59
3	Undecane	156	C11H24	001120-21-4	59
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
5	Hexadecane	226	C16H34	000544-76-3	50





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Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

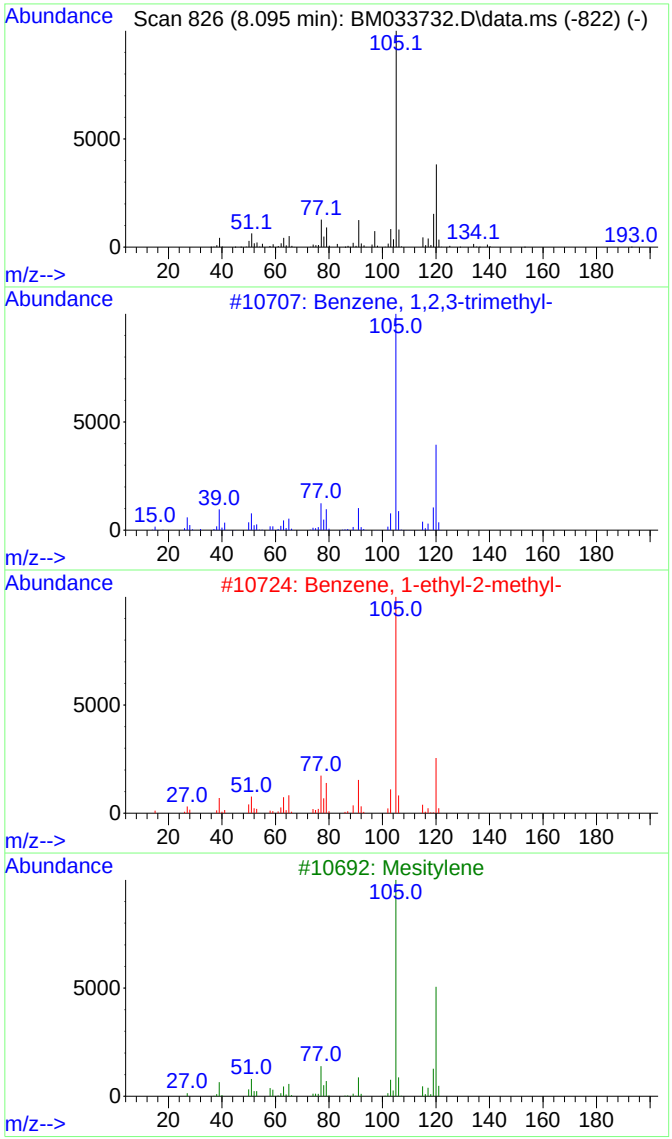
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

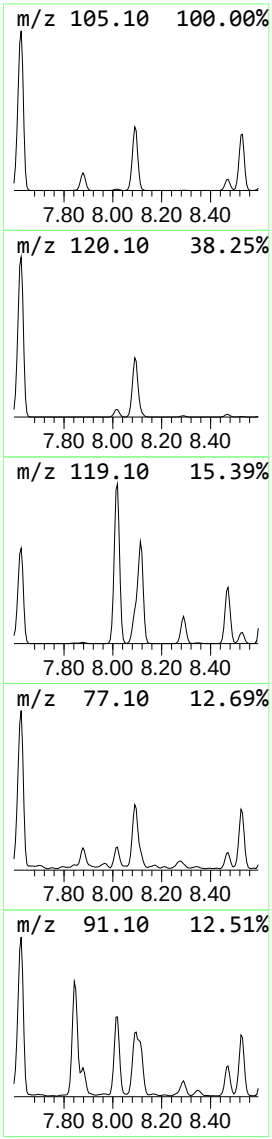
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.095	10.28 ng	5280490	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

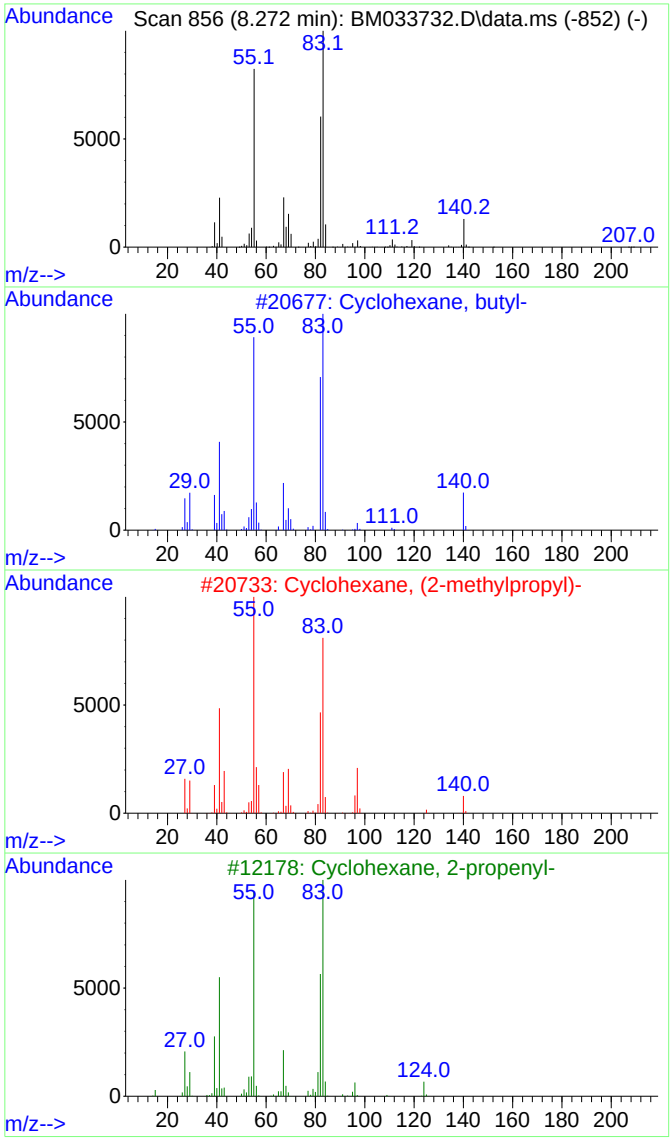
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

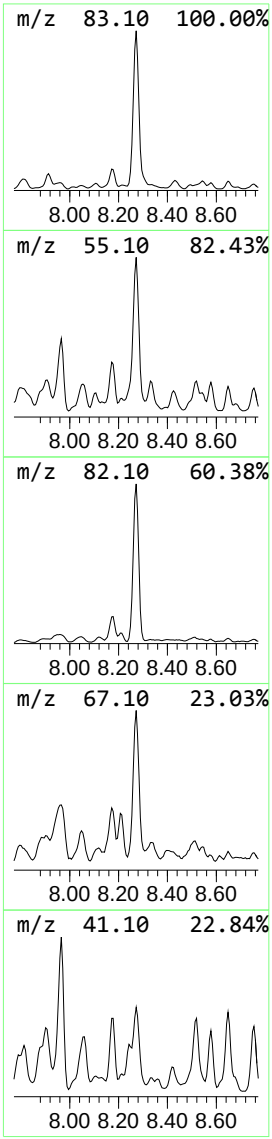
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.272	11.81 ng	6068040	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





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Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

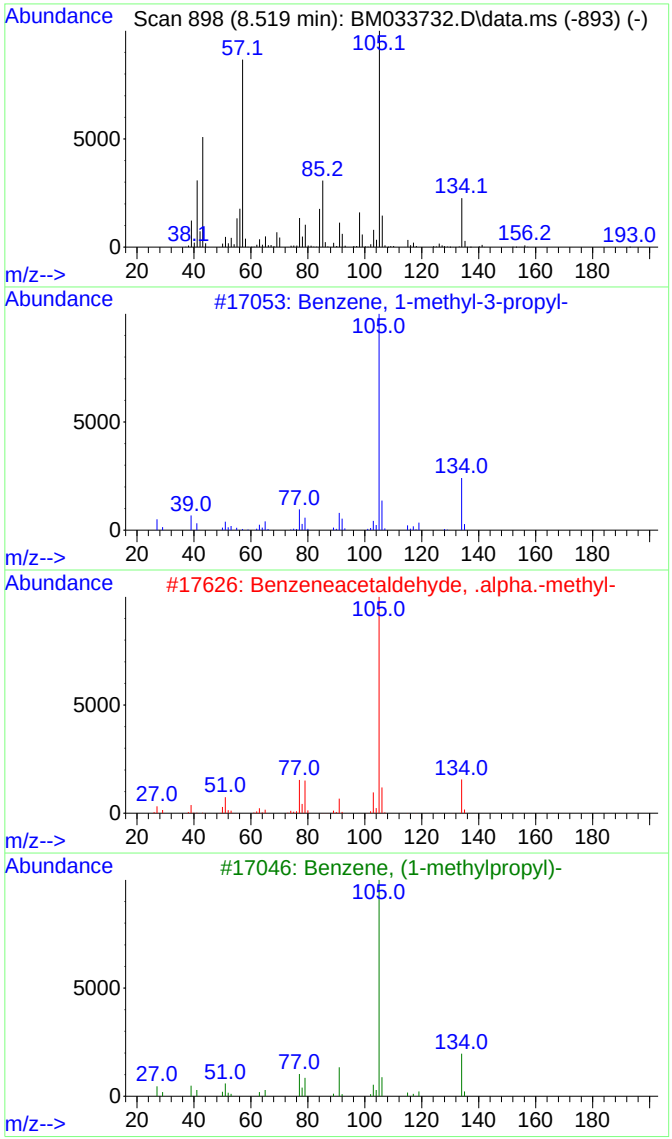
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

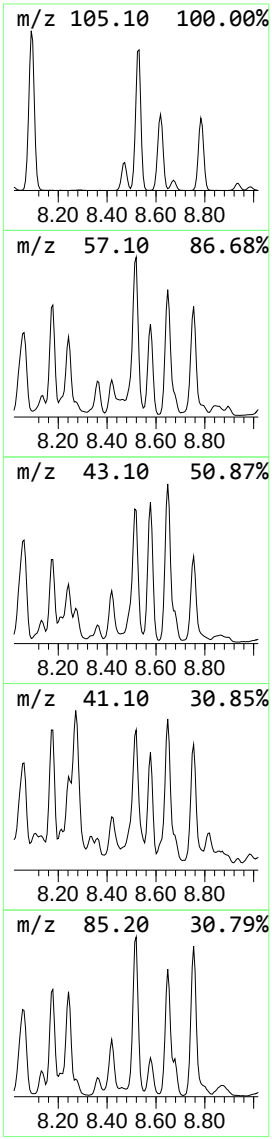
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.519	16.01 ng	8225030	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	41





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

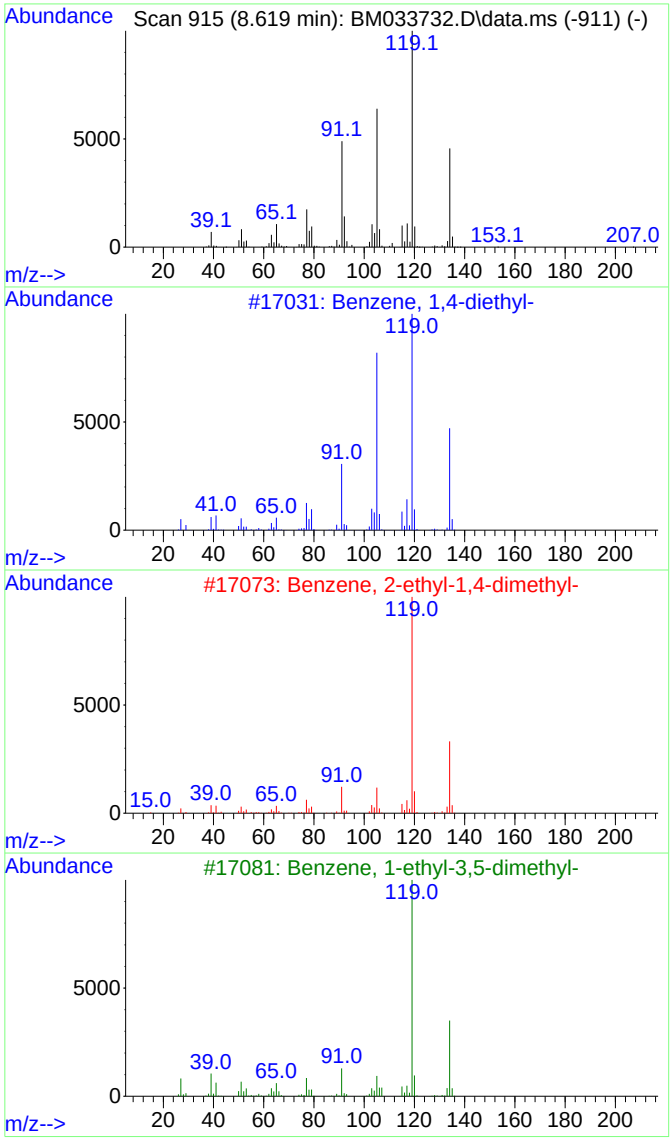
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

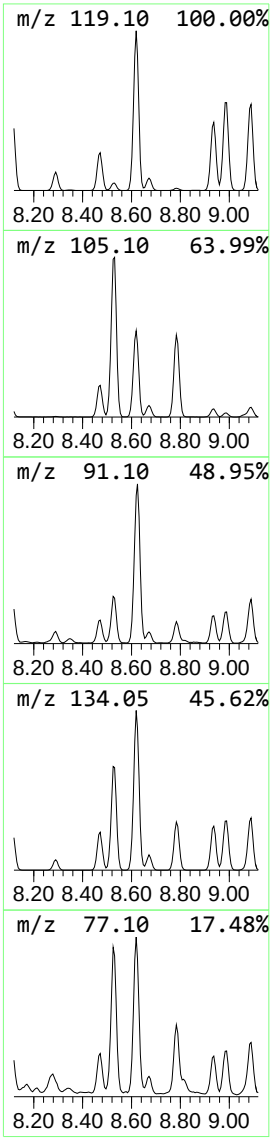
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.619	10.89 ng	5596140	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

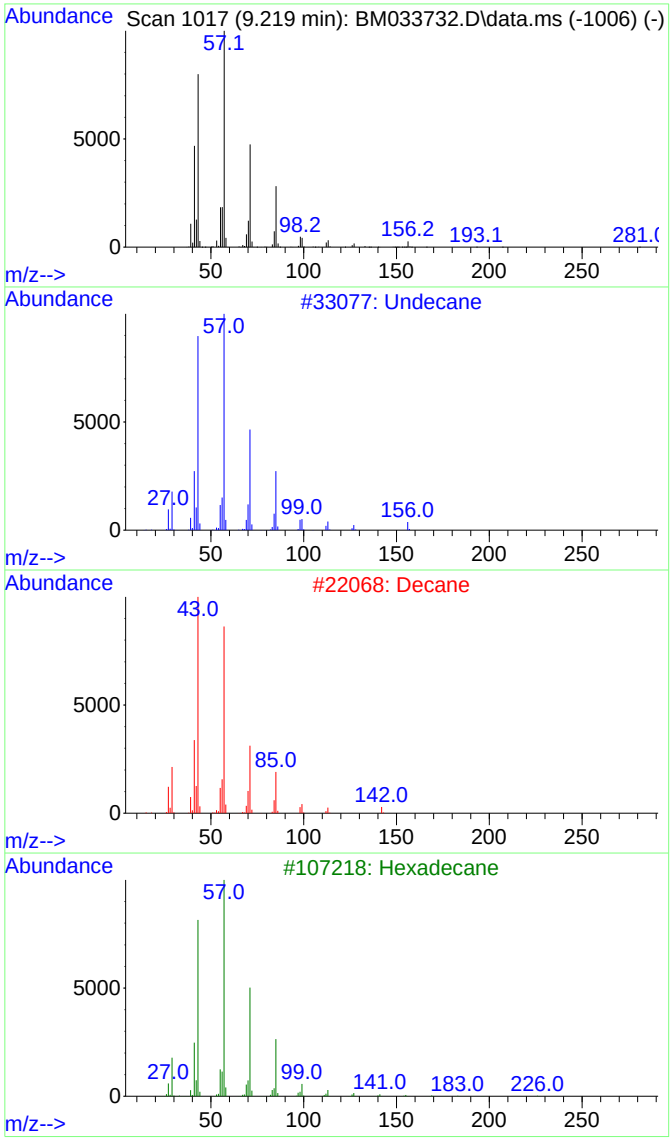
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

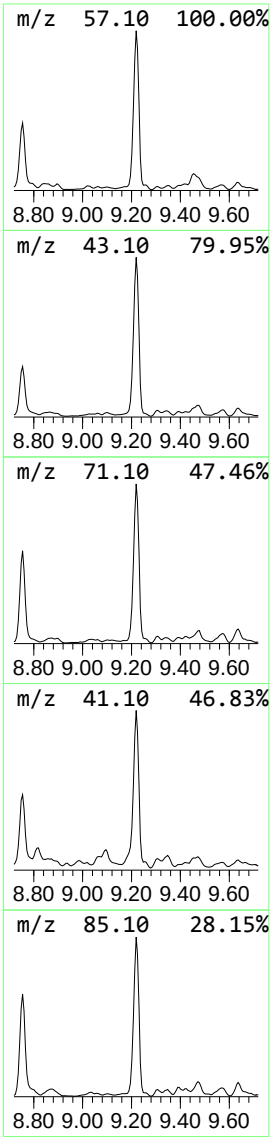
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.219	15.60 ng	8013020	1,4-Dichlorobenzene-d4	7.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Decane	142	C10H22	000124-18-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83
5	Tetradecane	198	C14H30	000629-59-4	78





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Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

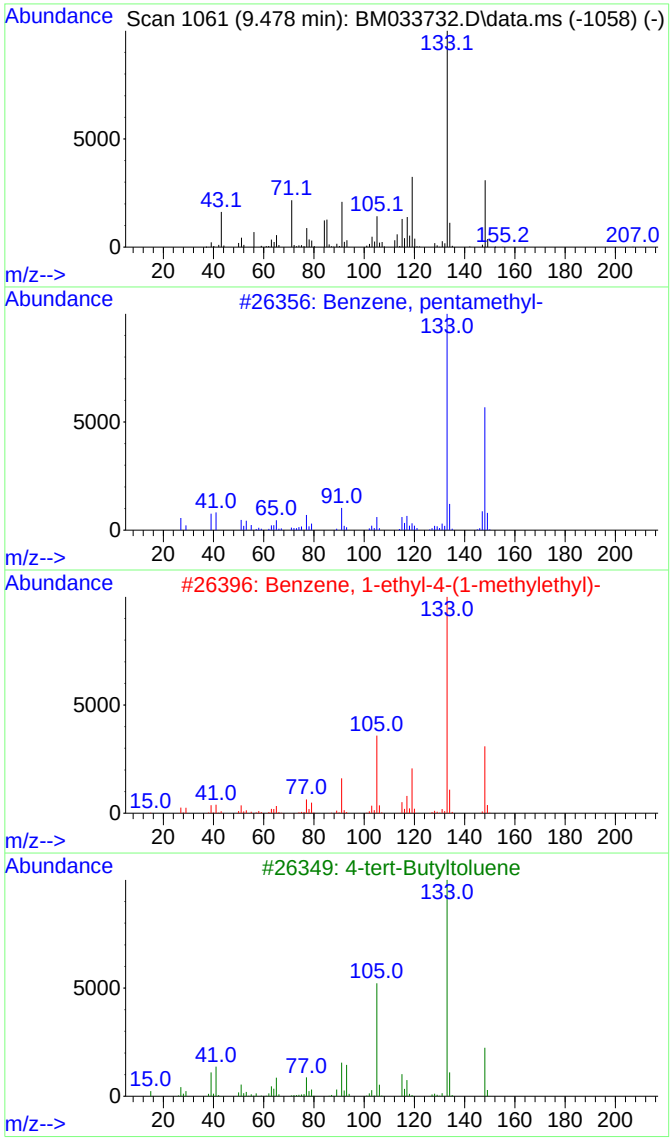
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

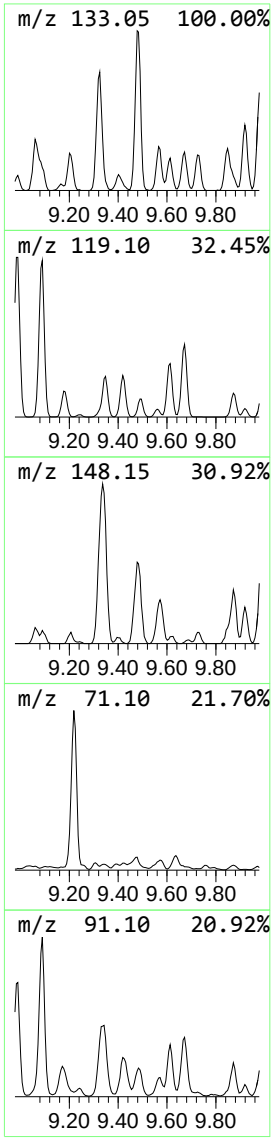
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, pentamethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.478	9.51 ng	1031580	Naphthalene-d8	10.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	64
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	64
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

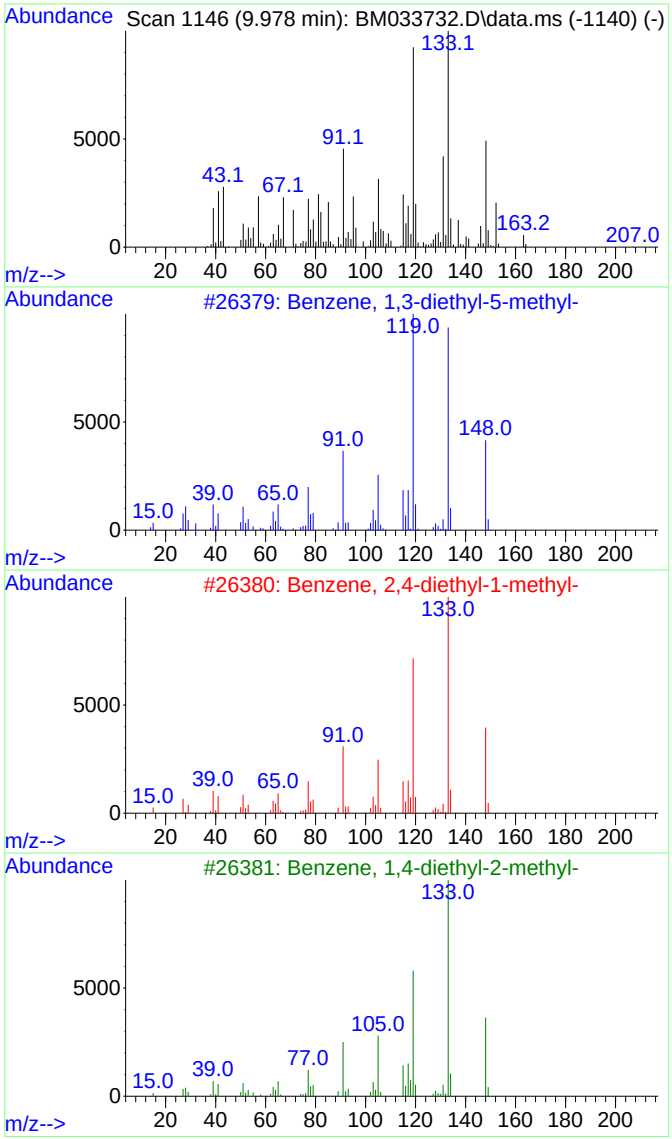
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

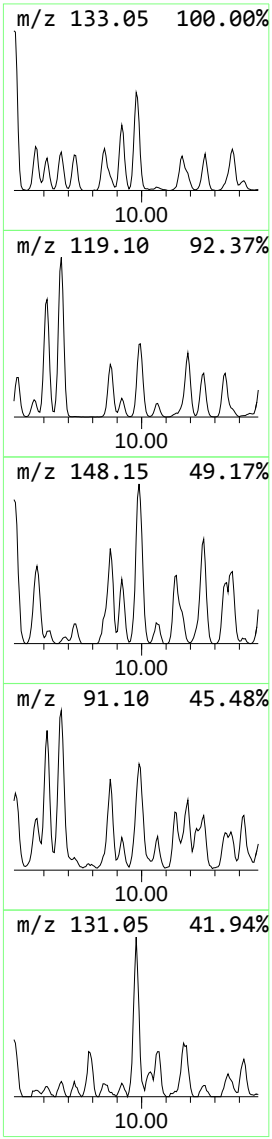
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.978	10.66 ng	1156640	Naphthalene-d8	10.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	96
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	51
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

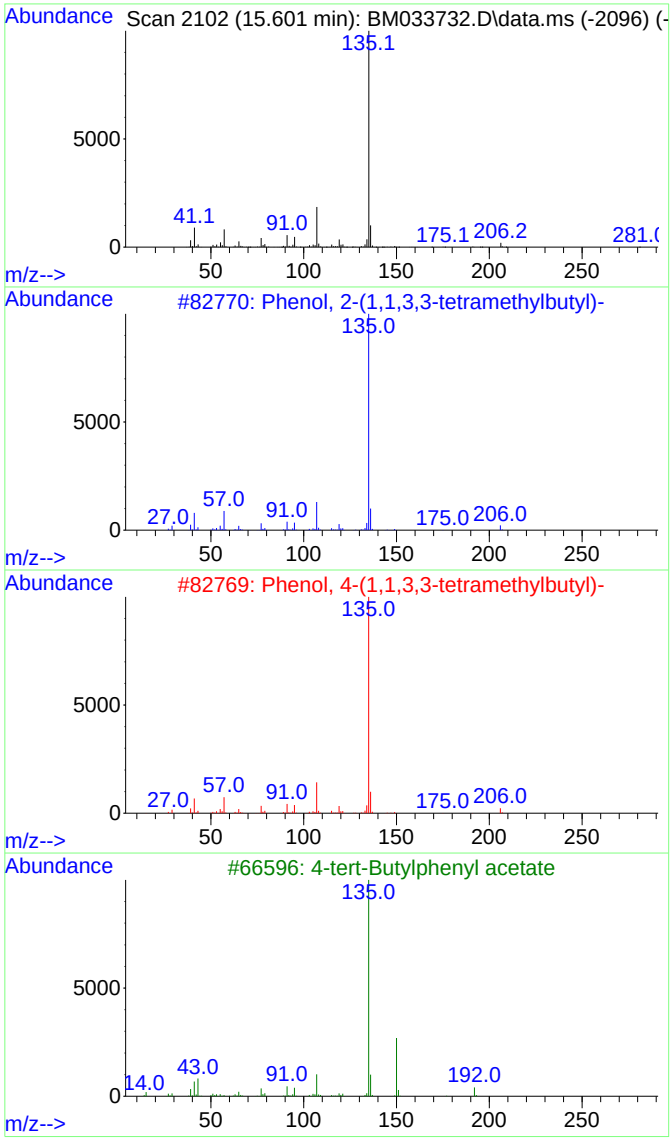
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

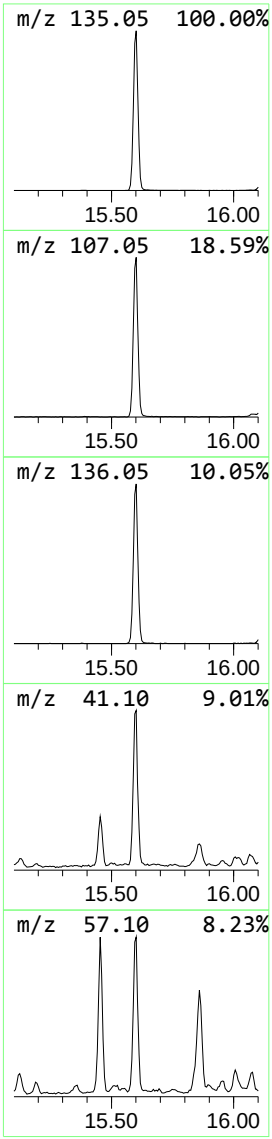
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.601	19.84 ng	1725000	Acenaphthene-d10	14.601

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	95
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	95
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	72
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





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Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

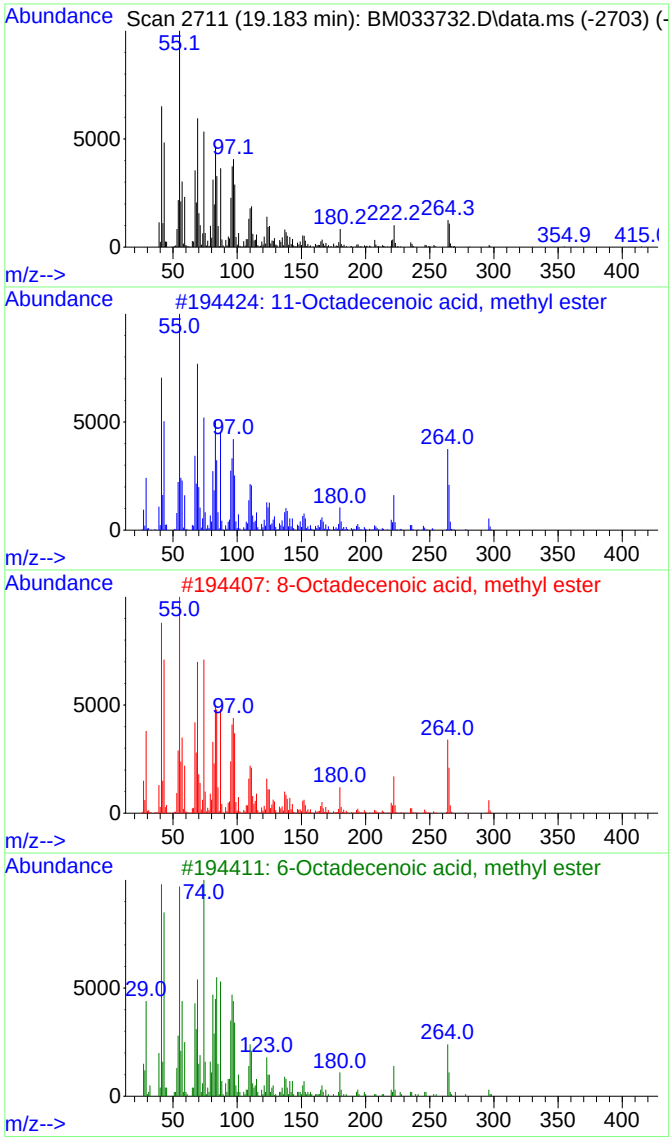
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

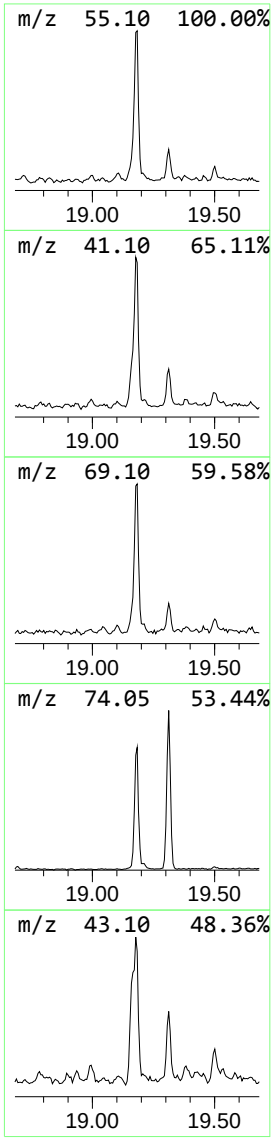
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11-Octadecenoic acid, methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.183	10.99 ng	1040750	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033732.D
Acq On : 14 Jan 2022 17:37
Operator : CG/JU
Sample : N1143-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.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
Nonane	5.972	15.9	ng	8165220	1	7.972	10273300	20.0
unknown6.231	6.231	14.4	ng	7397260	1	7.972	10273300	20.0
Nonane, 4-methyl-	6.354	11.0	ng	5649400	1	7.972	10273300	20.0
unknown6.448	6.448	11.9	ng	6105380	1	7.972	10273300	20.0
Octane, 2,6-dim...	6.525	16.6	ng	8539230	1	7.972	10273300	20.0
Cyclohexane, (1...	6.601	18.8	ng	9657560	1	7.972	10273300	20.0
Decane, 2,5,6-t...	6.872	15.6	ng	8031550	1	7.972	10273300	20.0
Nonane, 5-methyl-	6.931	11.7	ng	6018080	1	7.972	10273300	20.0
Heptane, 3-ethyl-	6.972	19.3	ng	9935650	1	7.972	10273300	20.0
Nonane, 2-methyl-	7.025	17.9	ng	9189450	1	7.972	10273300	20.0
Decane	7.613	53.7	ng	27570500	1	7.972	10273300	20.0
Benzene, 1,2,3-...	8.095	10.3	ng	5280490	1	7.972	10273300	20.0
Cyclohexane, bu...	8.272	11.8	ng	6068040	1	7.972	10273300	20.0
Benzene, 1-meth...	8.519	16.0	ng	8225030	1	7.972	10273300	20.0
Benzene, 1,4-di...	8.619	10.9	ng	5596140	1	7.972	10273300	20.0
Undecane	9.219	15.6	ng	8013020	1	7.972	10273300	20.0
Benzene, pentam...	9.478	9.5	ng	1031580	2	10.783	2170530	20.0
Benzene, 1,3-di...	9.978	10.7	ng	1156640	2	10.783	2170530	20.0
Phenol, 2-(1,1,...	15.601	19.8	ng	1725000	3	14.601	1738650	20.0
11-Octadecenoic...	19.183	11.0	ng	1040750	4	17.336	1893480	20.0