LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

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-BM122121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033563.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.472	373	380	392	rBV	505424	758631	47.02%	3.851%
2	6.166	489	498	504	rBV4	26454	70070	4.34%	0.356%
3	6.378	528	534	541	rBV6	32490	85742	5.31%	0.435%
4	6.496	549	554	556	rVV3	20619	38371	2.38%	0.195%
5	6.525	556	559	571	rVV7	26646	84450	5.23%	0.429%
6	6.708	584	590	596	rVB4	20359	38943	2.41%	0.198%
7	7.031	640	645	648	rVV3	58588	98689	6.12%	0.501%
8	7.078	648	653	665	rVV	504514	860565	53.34%	4.369%
9	7.219	672	677	682	rVB4	25652	52172	3.23%	0.265%
10	7.278	682	687	690	rBV2	26172	40377	2.50%	0.205%
11	7.613	740	744	750	rVB2	25541	46760	2.90%	0.237%
12	7.708	755	760	768	rVB6	21761	51923	3.22%	0.264%
13	7.802	768	776	778	rBV3	39858	83871	5.20%	0.426%
14	7.908	789	794	799	rVB	113656	181735	11.26%	0.923%
15	7.966	799	804	809	rVB4	32064	60250	3.73%	0.306%
16	8.084	818	824	828	rVB3	65119	104302	6.46%	0.530%
17	8.249	848	852	858	rVB3	31706	57238	3.55%	0.291%
18	8.337	859	867	873	rVV6	26448	58984	3.66%	0.299%
19	8.402	873	878	881	rVV4	28691	51891	3.22%	0.263%
20	8.455	883	887	893	rVB2	59723	96425	5.98%	0.490%
21	8.596	903	911	915	rBV7	24651	53631	3.32%	0.272%
22	8.737	930	935	941	rBV	63453	134275	8.32%	0.682%
23	8.890	954	961	969	rVB5	23111	61354	3.80%	0.311%
24	9.007	970	981	987	rBV5	115184	296814	18.40%	1.507%
25	9.078	987	993	1004	rVV	326187	650568	40.32%	3.303%
26	9.166	1004	1008	1012	rVB3	46520	76456	4.74%	0.388%
27	9.219	1012	1017	1019	rBV2	82019	138035	8.56%	0.701%
28	9.254	1019	1023	1031	rVB5	92165	196867	12.20%	0.999%
29	9.331	1031	1036	1038	rBV3	30470	49768	3.08%	0.253%
30	9.366	1038	1042	1048	rVB2	55146	98968	6.13%	0.502%
31	9.472	1049	1060	1062	rBV9	33395	102861	6.38%	0.522%
32	9.537	1067	1071	1075	rBV2	63687	101320	6.28%	0.514%
33	9.625	1080	1086	1090	rVV4	129757	241656	14.98%	1.227%
34	9.666	1090	1093	1098	rVB	44996	70236	4.35%	0.357%
35	9.790	1109	1114	1118	rBV4	47015	85319	5.29%	0.433%
36	9.831	1118	1121	1124	rVB3	48645	63675	3.95%	0.323%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

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-BM122121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.884	1125	1130	1144	rVB6	165381	396315	24.56%	2.012%
38	10.119	1163	1170	1172	rBV4	45702	91699	5.68%	0.466%
39	10.149	1173	1175	1181	rVB5	32394	61612	3.82%	0.313%
40	10.296	1194	1200	1209	rBV6	72931	197741	12.26%	1.004%
41	10.425	1215	1222	1228	rBV5	90166	250564	15.53%	1.272%
42	10.490	1229	1233	1237	rVV5	49133	76303	4.73%	0.387%
43	10.672	1260	1264	1266	rBV4	60817	93541	5.80%	0.475%
44	10.719	1267	1272	1277	rVB	172123	312641	19.38%	1.587%
45	10.825	1286	1290	1294	rBV5	86101	147472	9.14%	0.749%
46	10.866	1294	1297	1302	rVB	131139	186316	11.55%	0.946%
47	10.931	1304	1308	1316	rVB4	77805	139424	8.64%	0.708%
48	11.001	1317	1320	1327	rVB5	50089	82469	5.11%	0.419%
49	11.096	1331	1336	1338	rBV3	53210	87701	5.44%	0.445%
50	11.196	1348	1353	1360	rVB4	154787	292016	18.10%	1.483%
51	11.331	1373	1376	1379	rVB5	27993	36029	2.23%	0.183%
52	11.372	1379	1383	1384	rBV3	84565	98372	6.10%	0.499%
53	11.543	1408	1412	1415	rBV4	50954	78366	4.86%	0.398%
54	11.696	1434	1438	1439	rBV4	32728	38780	2.40%	0.197%
55	11.737	1440	1445	1449	rBV	529055	800044	49.59%	4.062%
56	11.995	1485	1489	1493	rVB3	90169	133075	8.25%	0.676%
57	12.043	1494	1497	1503	rVB7	49188	87359	5.41%	0.444%
58	12.266	1532	1535	1540	rVV6	66572	107459	6.66%	0.546%
59	12.343	1543	1548	1555	rVB4	164268	424194	26.29%	2.154%
60	12.631	1593	1597	1602	rVB5	58494	94213	5.84%	0.478%
61	12.831	1627	1631	1638	rVB4	116332	239470	14.84%	1.216%
62	12.901	1639	1643	1647	rBV6	58184	95754	5.93%	0.486%
63	13.042	1664	1667	1669	rBV4	43483	60147	3.73%	0.305%
64	13.084	1669	1674	1681	rVV	575159	920947	57.08%	4.676%
65	13.178	1685	1690	1699	rVB	789662	1210857	75.05%	6.147%
66	13.354	1713	1720	1724	rBV5	95610	218176	13.52%	1.108%
67	13.395	1724	1727	1731	rVB3	94428	127023	7.87%	0.645%
68	13.460	1736	1738	1741	rVV4	40360	46983	2.91%	0.239%
69	13.537	1749	1751	1756	rVB4	68715	86607	5.37%	0.440%
70	13.613	1761	1764	1769	rVB4	79710	102680	6.36%	0.521%
71	13.966	1822	1824	1829	rVB5	61256	76747	4.76%	0.390%
72	14.031	1830	1835	1839	rVB	498187	654720	40.58%	3.324%
73	14.195	1859	1863	1868	rBV5	73665	117546	7.29%	0.597%
74	14.242	1868	1871	1874	rBV3	30658	40938	2.54%	0.208%
75	14.384	1891	1895	1901	rVB3	105162	174783	10.83%	0.887%
76	14.519	1914	1918	1920	rBV4	74624	114314	7.09%	0.580%

LSC Area Percent Report

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Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.554	1920	1924	1931	rVB	285577	459877	28.50%	2.335%
78	14.954	1988	1992	1997	rVB2	71342	100675	6.24%	0.511%
79	15.025	2002	2004	2008	rVB	38478	44341	2.75%	0.225%
80	15.072	2008	2012	2024	rVB5	83075	172218	10.67%	0.874%
81	15.172	2025	2029	2035	rBV4	54434	111032	6.88%	0.564%
82	15.589	2096	2100	2106	rBV7	30690	67916	4.21%	0.345%
83	15.801	2132	2136	2144	rVB	91961	154330	9.57%	0.784%
84	16.048	2170	2178	2185	rVB	671999	971778	60.23%	4.934%
85	16.283	2212	2218	2222	rBV	94851	144729	8.97%	0.735%
86	17.107	2354	2358	2362	rVB2	27380	36499	2.26%	0.185%
87	17.301	2386	2391	2398	rBV	296420	432355	26.80%	2.195%
88	17.983	2502	2507	2512	rVB2	47741	67424	4.18%	0.342%
89	18.195	2539	2543	2549	rVV2	38826	57440	3.56%	0.292%
90	18.313	2559	2563	2570	rVV6	39500	61524	3.81%	0.312%
91	18.495	2588	2594	2602	rBV6	30892	62181	3.85%	0.316%
92	18.648	2615	2620	2623	rVB3	34426	53820	3.34%	0.273%
93	18.766	2638	2640	2650	rVB9	19442	38308	2.37%	0.194%
94	19.042	2682	2687	2691	rBV	59638	98608	6.11%	0.501%
95	19.877	2825	2829	2832	rBV3	33538	45709	2.83%	0.232%
96	19.924	2832	2837	2845	rVB	1362044	1613444	100.00%	8.191%
97	20.418	2918	2921	2930	rBV2	49994	91969	5.70%	0.467%
98	21.183	3048	3051	3060	rVB2	65877	94015	5.83%	0.477%
99	21.483	3097	3102	3107	rBV	305920	420177	26.04%	2.133%
100	23.877	3503	3509	3517	rVB	172634	352221	21.83%	1.788%

Sum of corrected areas: 19697179

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Data File : BM033563.D
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BNA_M
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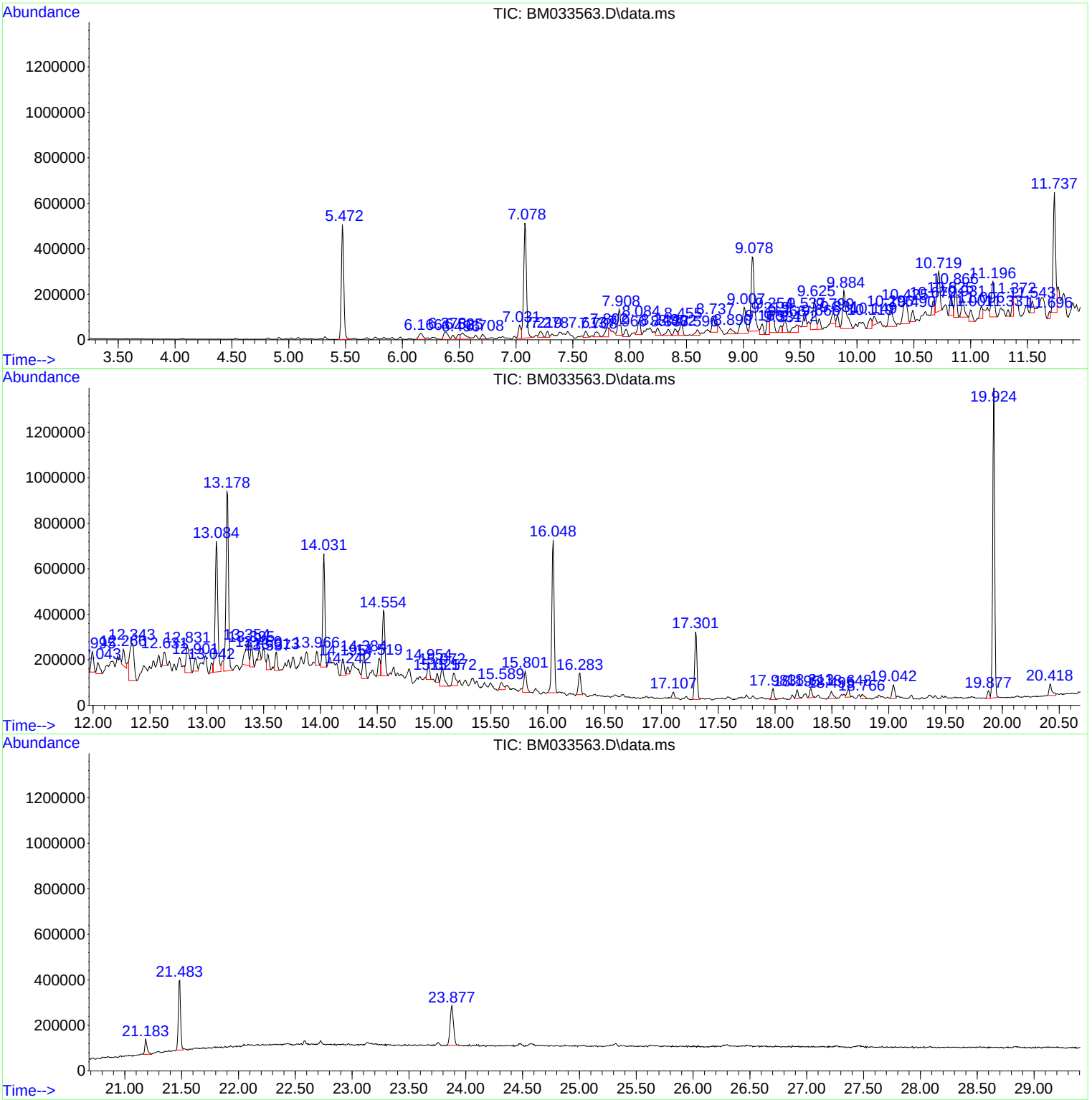
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.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\BM122121\
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Instrument :
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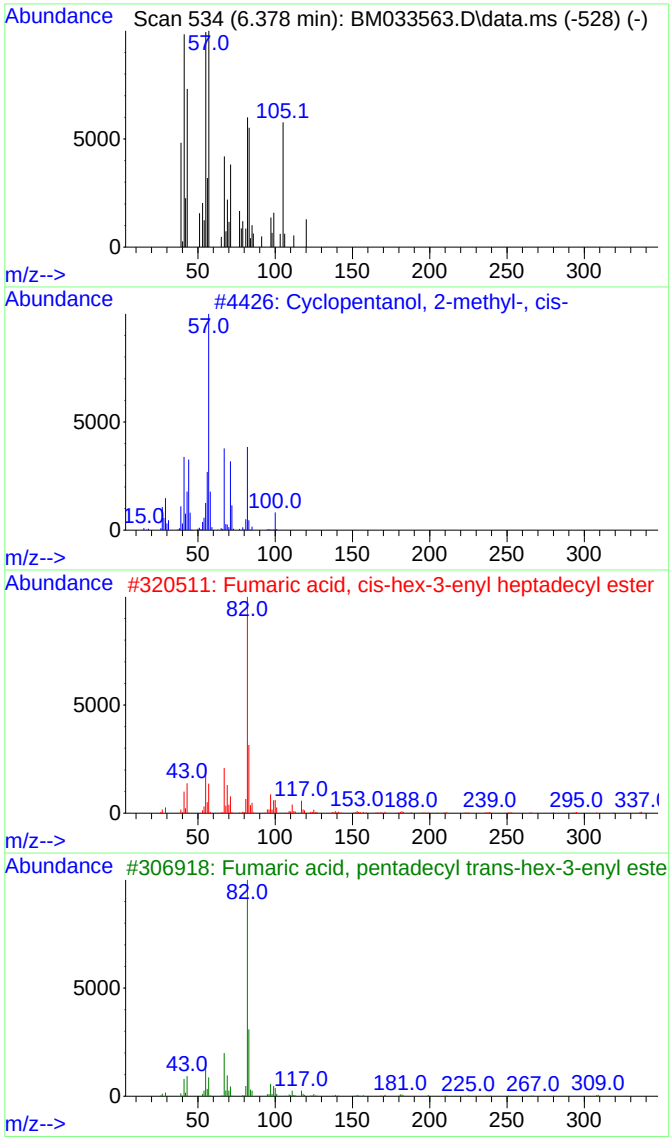
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

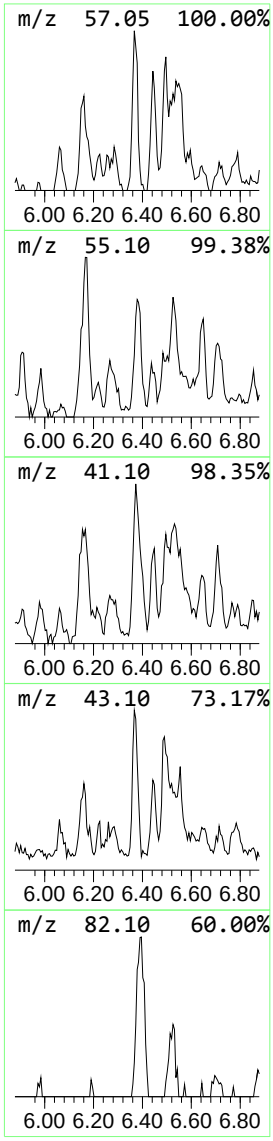
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentanol, 2-methyl-, cis- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	9.44 ng	85742	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	53
2	Fumaric acid, cis-hex-3-enyl hep...	436	C27H48O4	1000348-87-2	43
3	Fumaric acid, pentadecyl trans-h...	408	C25H44O4	1000348-89-5	43
4	Fumaric acid, hexadecyl trans-he...	422	C26H46O4	1000348-89-6	43
5	Fumaric acid, heptadecyl trans-h...	436	C27H48O4	1000348-89-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033563.D
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Instrument :
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ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

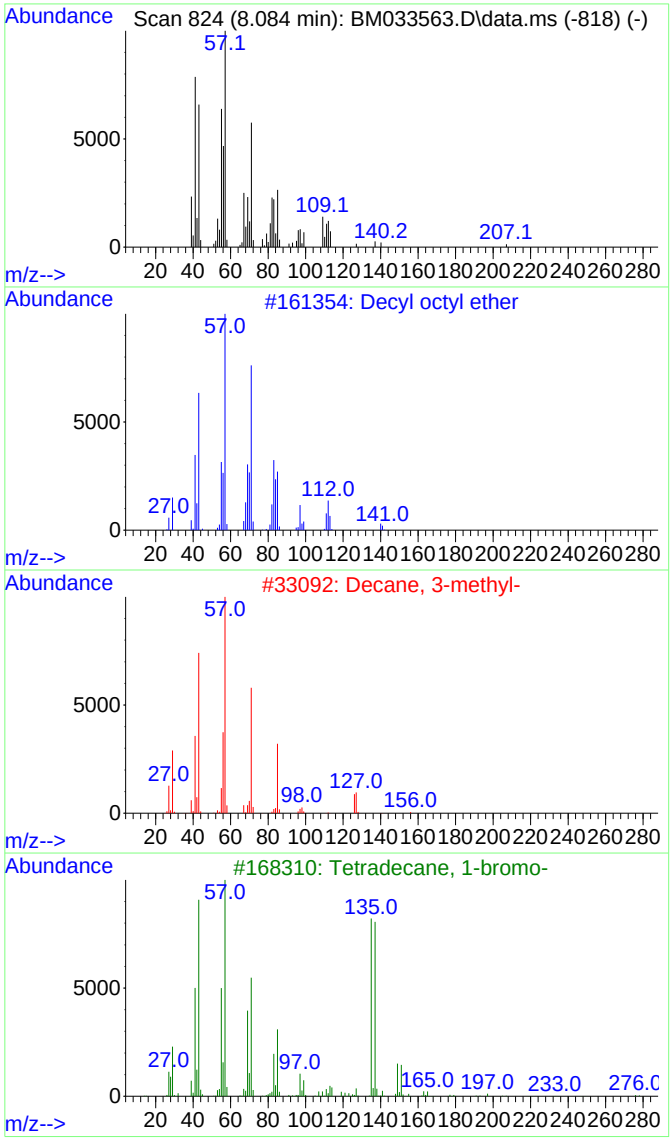
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

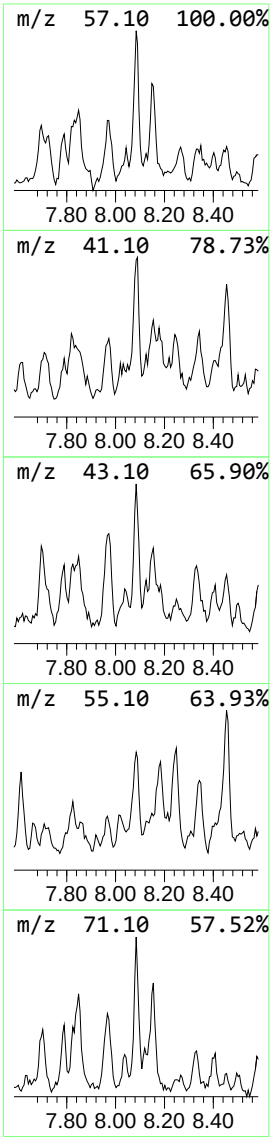
****

Peak Number 2 Decyl octyl ether Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.084	11.48 ng	104302	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decyl octyl ether	270	C18H38O	1000406-38-3	50
2	Decane, 3-methyl-	156	C11H24	013151-34-3	43
3	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	38
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
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Acq On : 21 Dec 2021 20:38
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

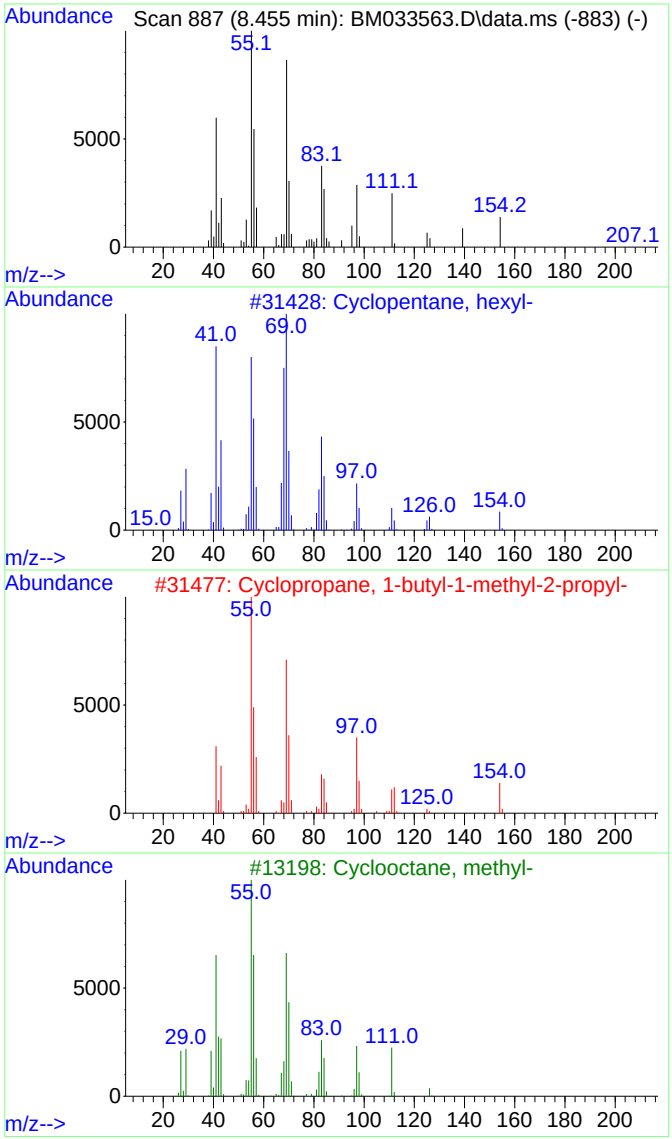
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

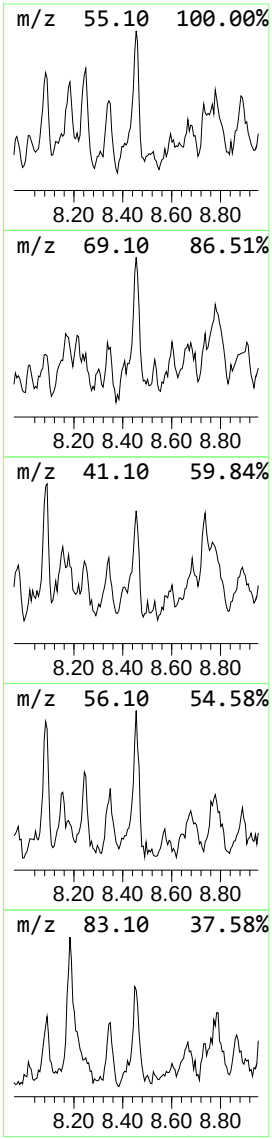
****

Peak Number 3 Cyclopentane, hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.455	10.61 ng	96425	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	80
2	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	80
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	80
4	1-Decene, 5-methyl-	154	C11H22	054244-79-0	80
5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033563.D
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Sample : M5182-08
Misc :
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Instrument :
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ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

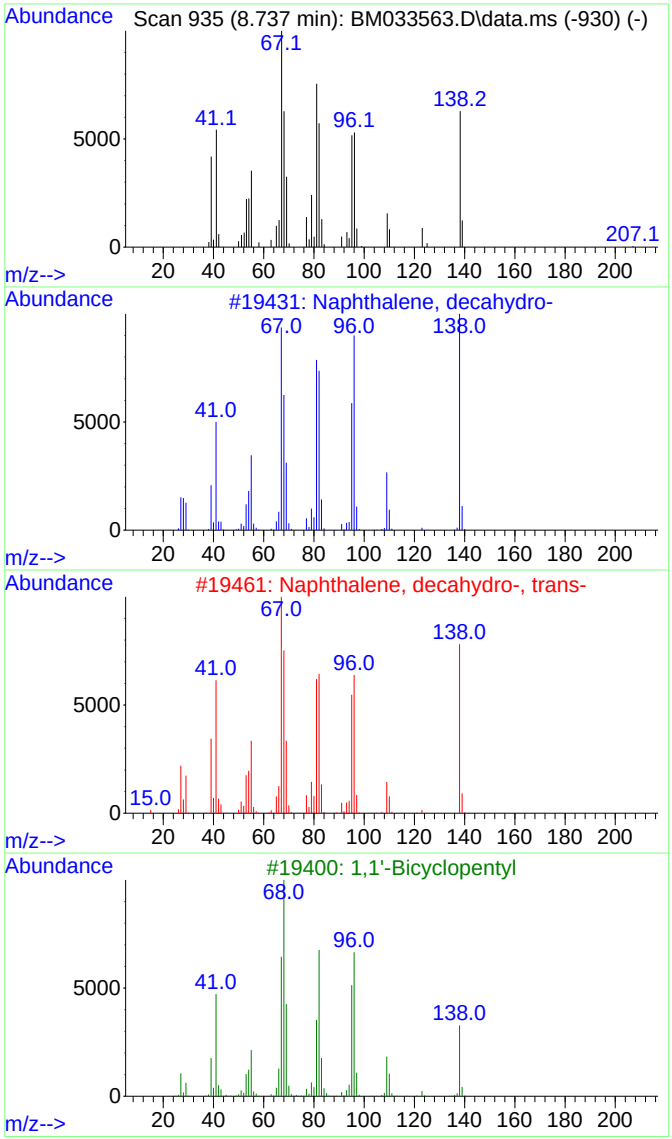
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

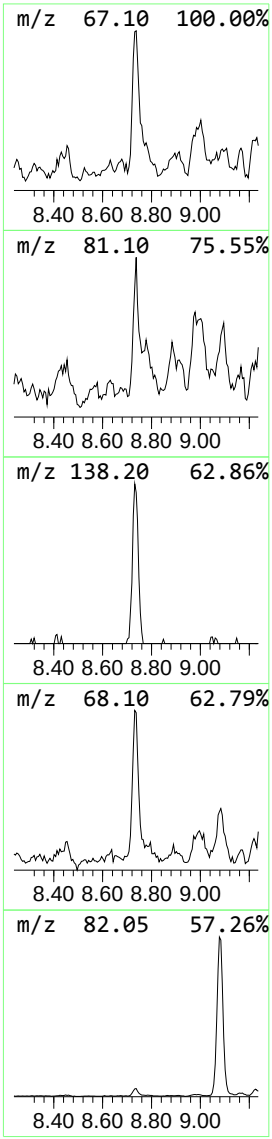
****

Peak Number 4 Naphthalene, decahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.737	14.78 ng	134275	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	87
4	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	87
5	Cyclodecene	138	C10H18	003618-12-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

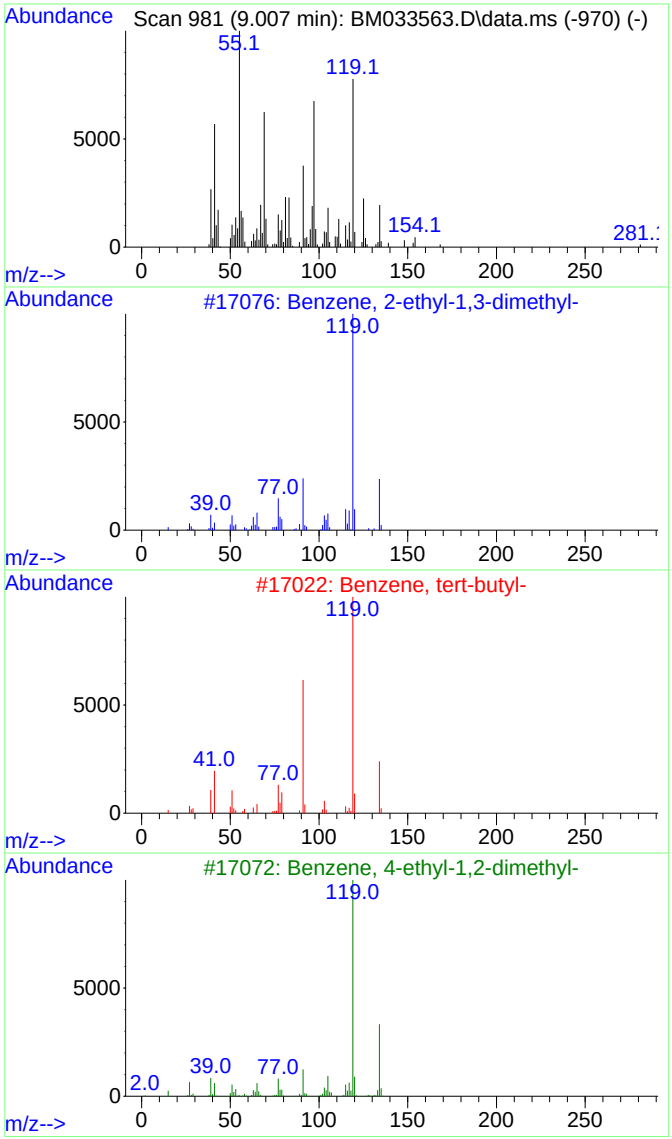
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

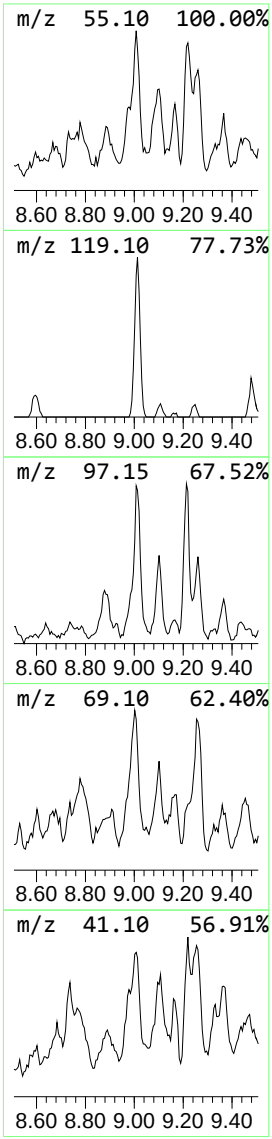
****

Peak Number 5 unknown9.007 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.007	32.66 ng	296814	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	42
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	42
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42





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Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

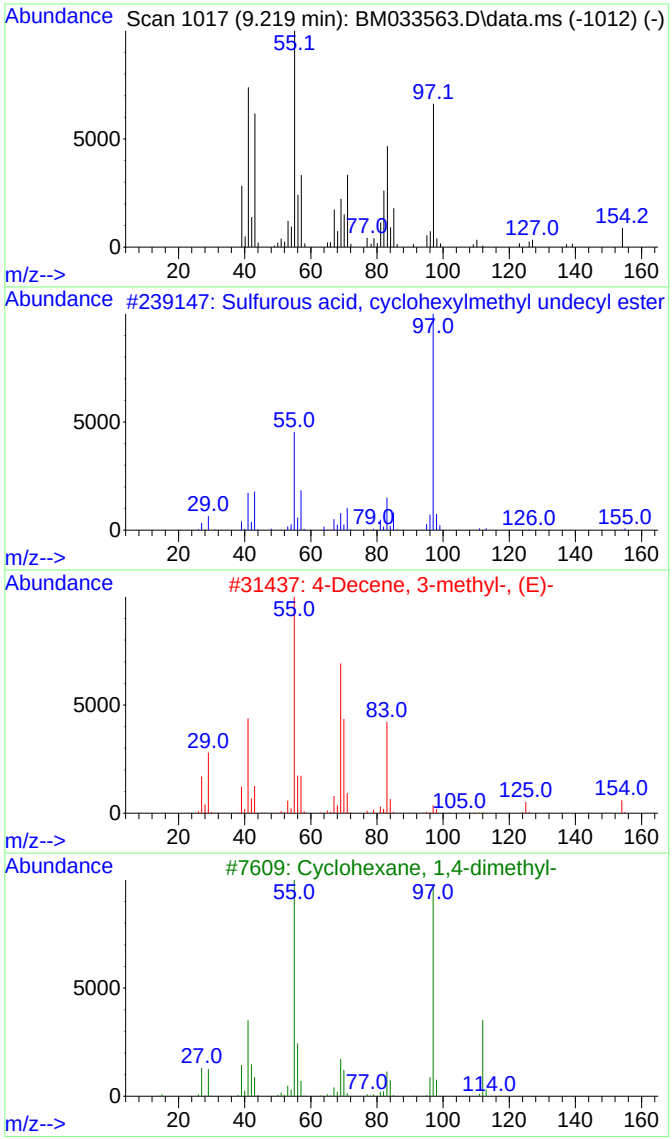
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

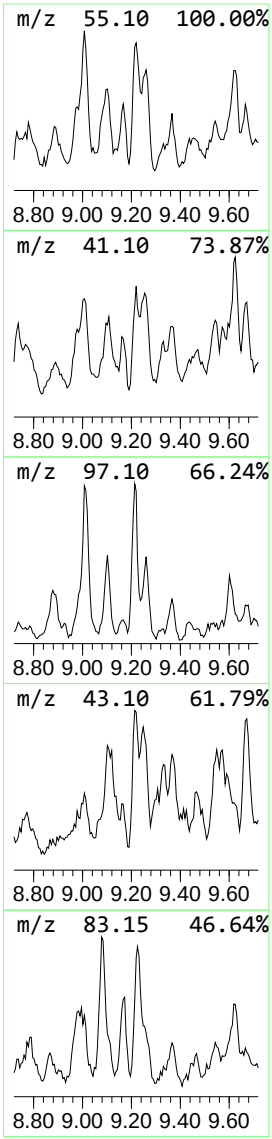
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.219	15.19 ng	138035	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	53
2	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	49
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	46
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	46
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43





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Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

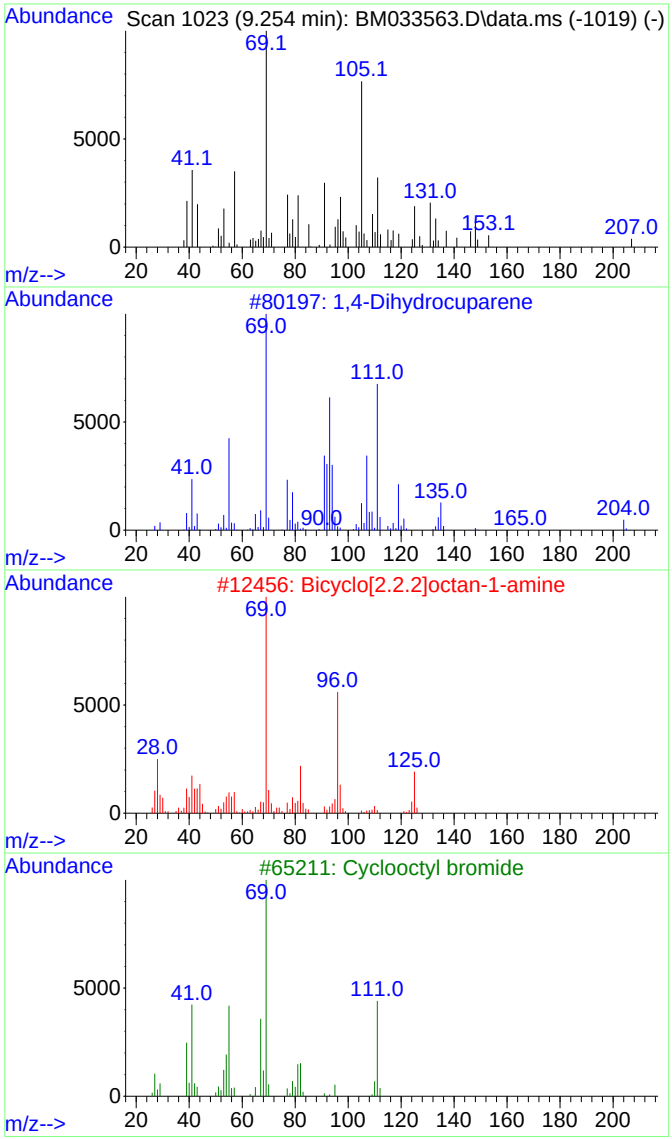
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

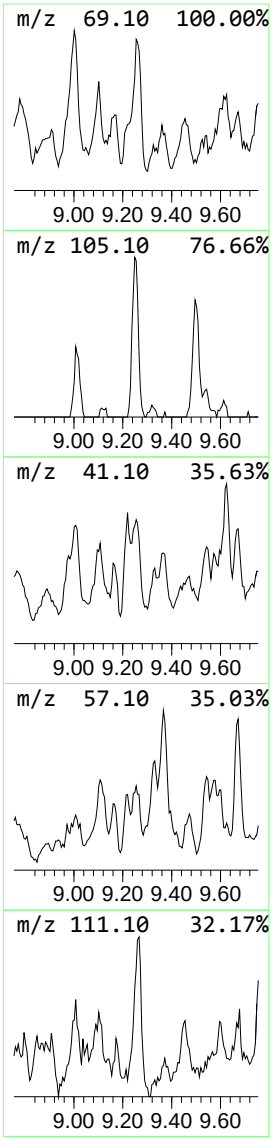
****

Peak Number 7 unknown9.254 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.254	21.67 ng	196867	1,4-Dichlorobenzene-d4	7.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydrocuparene	204	C15H24	1000414-98-6	43
2	Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	35
3	Cyclooctyl bromide	190	C8H15Br	001556-09-8	35
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	32
5	Hydratropic acid, 3-methylbut-2-...	218	C14H18O2	1000406-95-5	27





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

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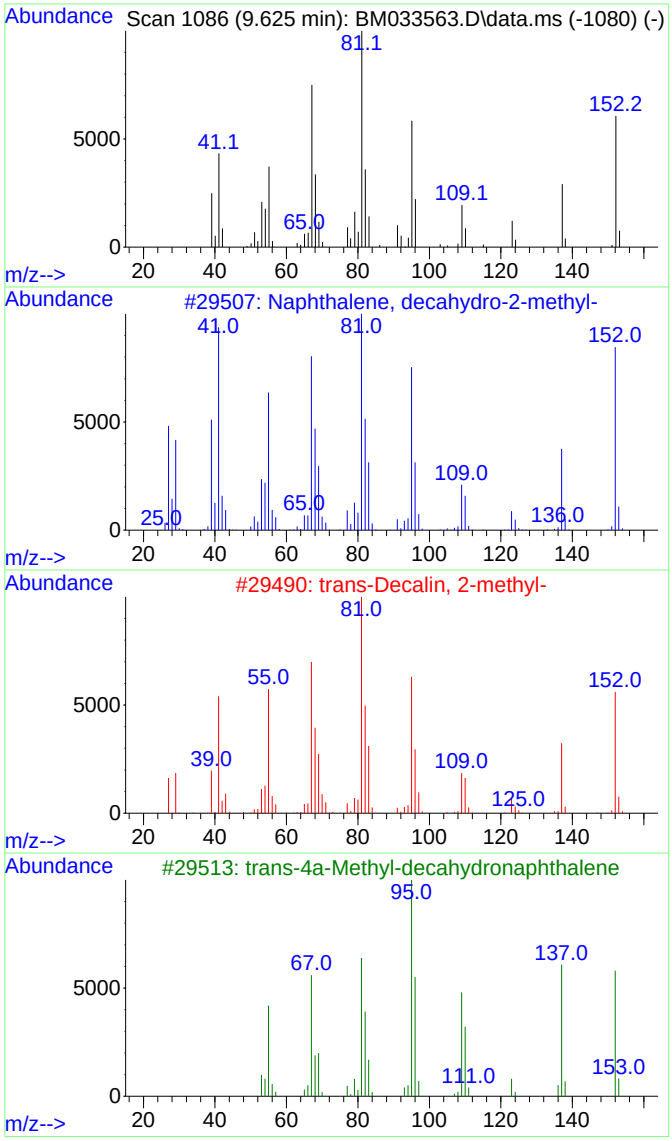
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

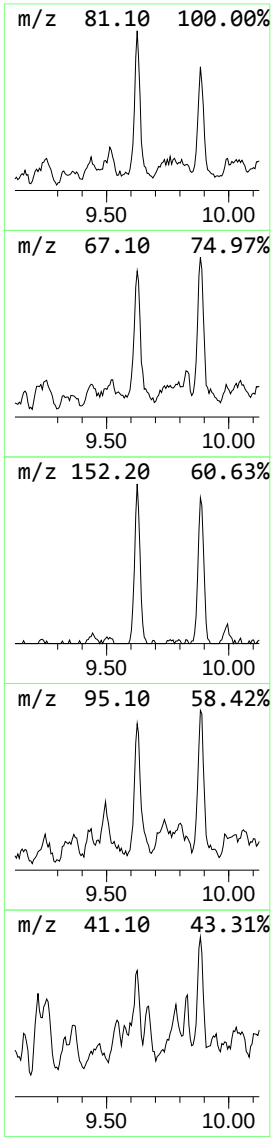
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.625	15.46 ng	241656	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	70





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Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

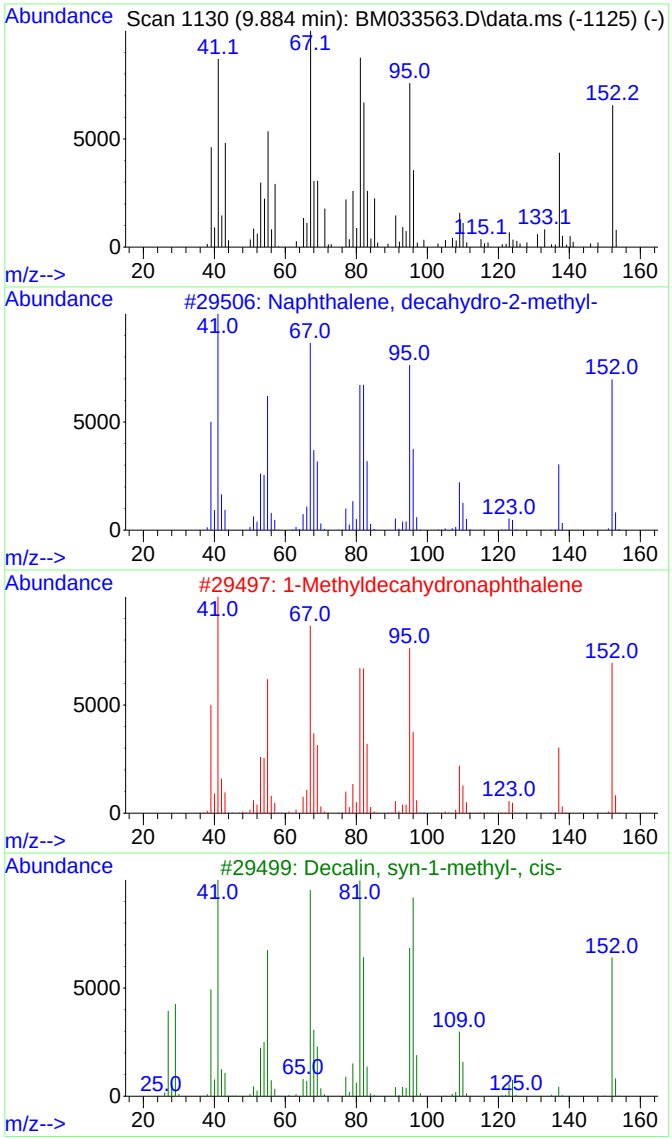
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

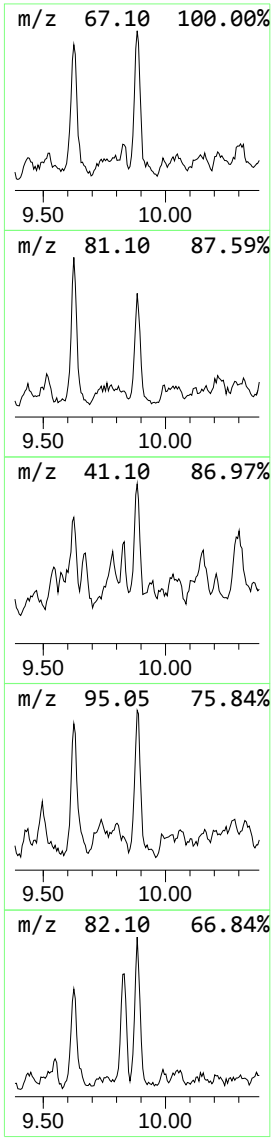
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.884	25.35 ng	396315	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
3	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	76
4	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	70
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	64





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Sample : M5182-08
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HB-1-(18.5-23.5)-12-17-21

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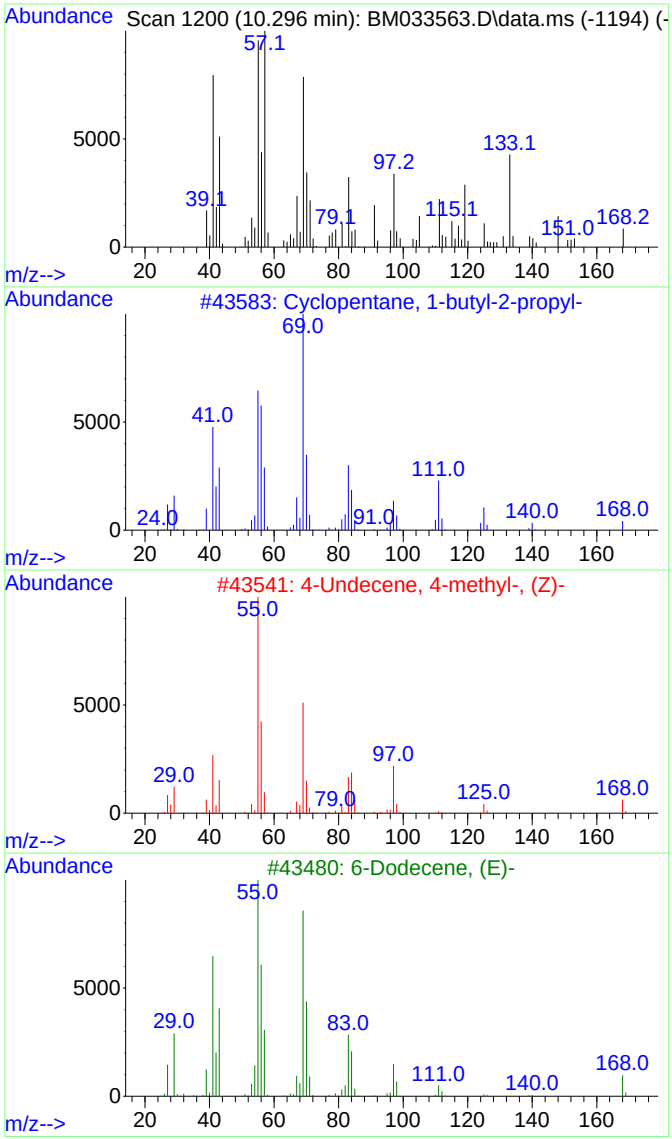
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

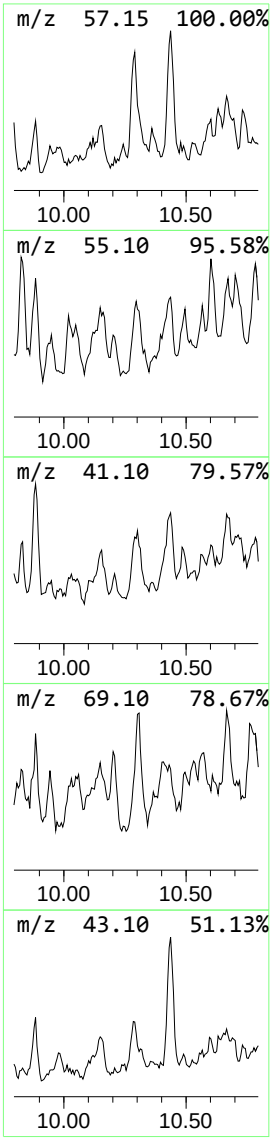
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentane, 1-butyl-2-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.296	12.65 ng	197741	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	64
2	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	53
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	46
4	5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	43
5	5-Undecene, 5-methyl-, (Z)-	168	C12H24	057024-93-8	43





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Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

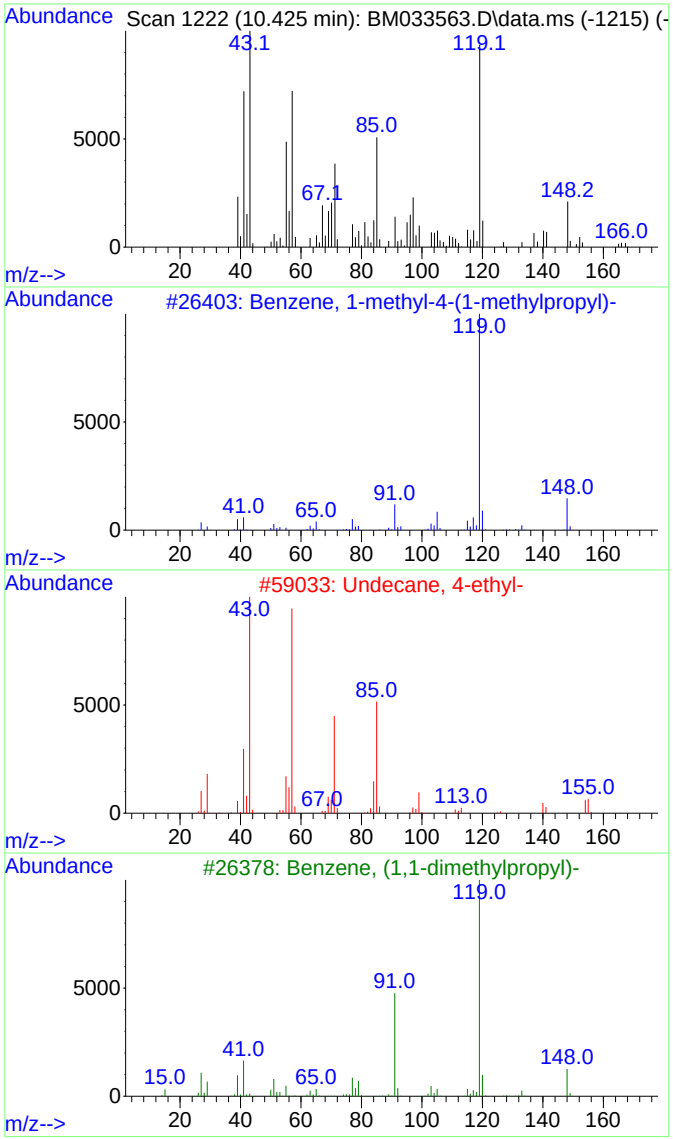
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

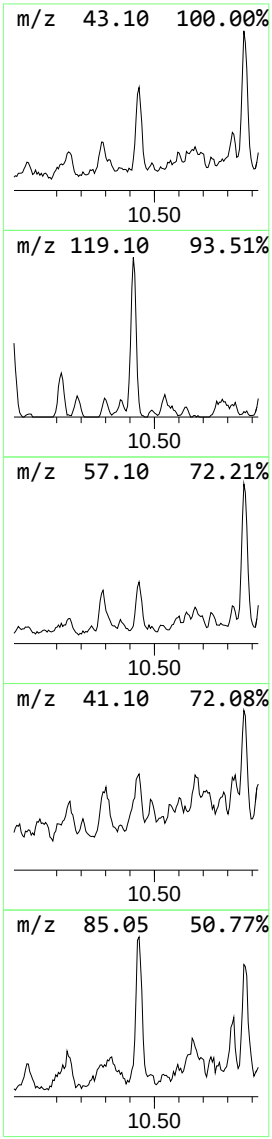
****

Peak Number 11 unknown10.425 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.425	16.03 ng	250564	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2	Undecane, 4-ethyl-	184	C13H28	017312-59-3	27
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27
4	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	27
5	4,4-Dipropylheptane	184	C13H28	017312-72-0	27





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Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.825	9.43 ng	147472	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
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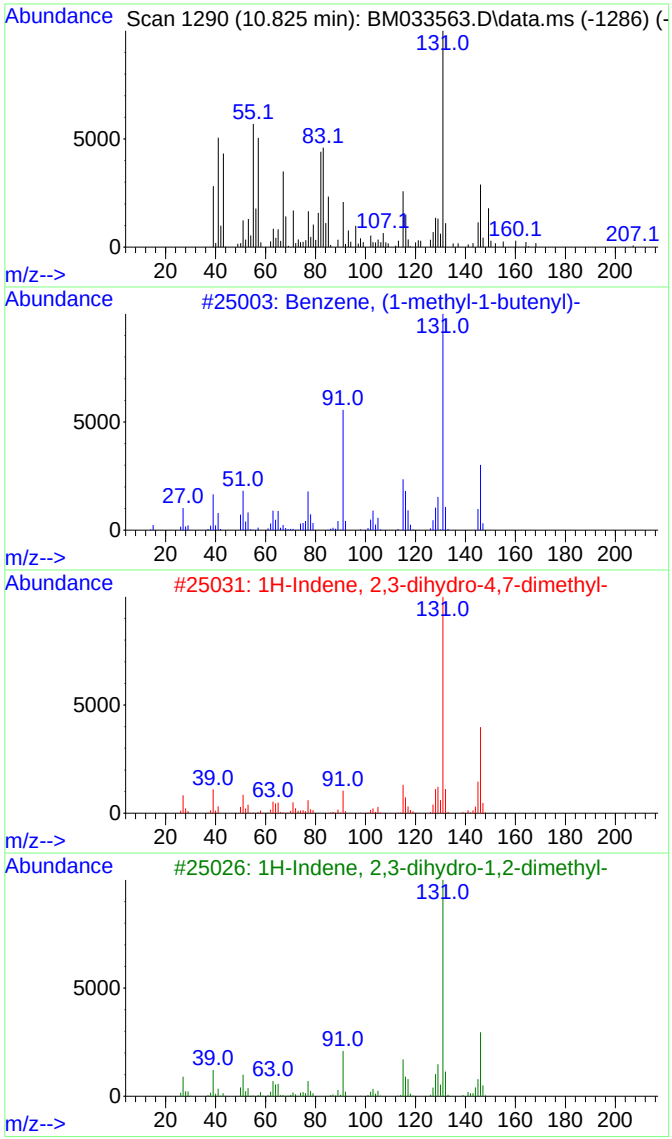

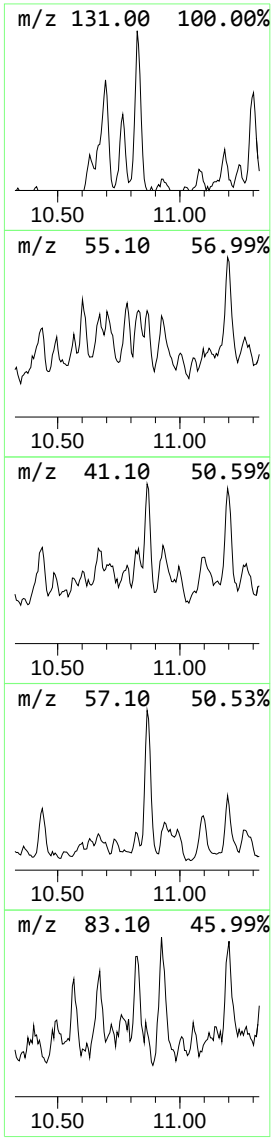

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Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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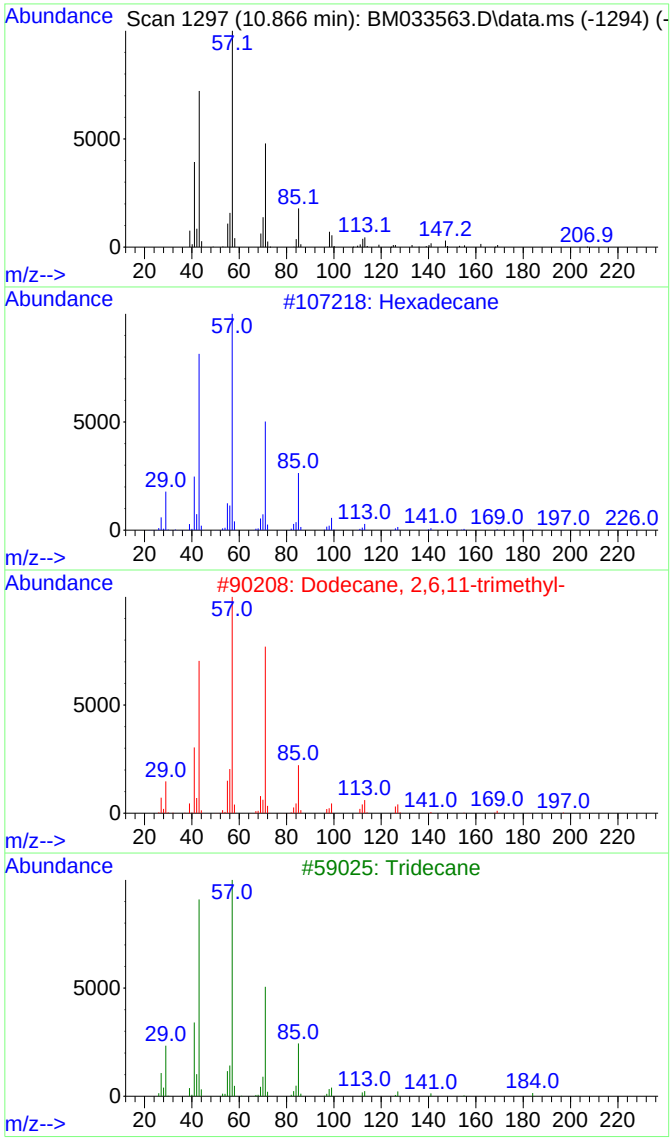
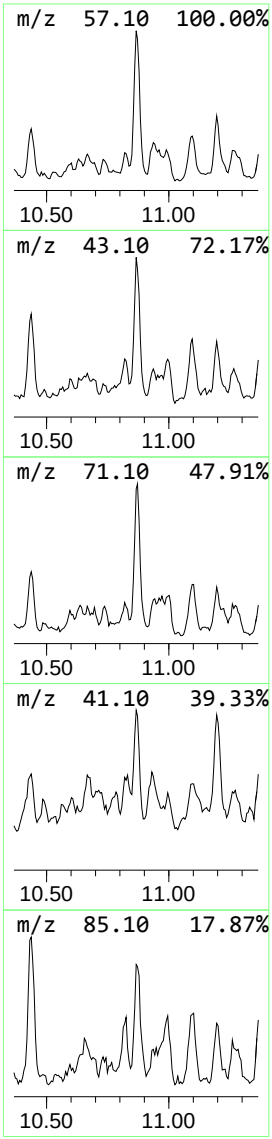
****

Peak Number 13 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.866	11.92 ng	186316	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





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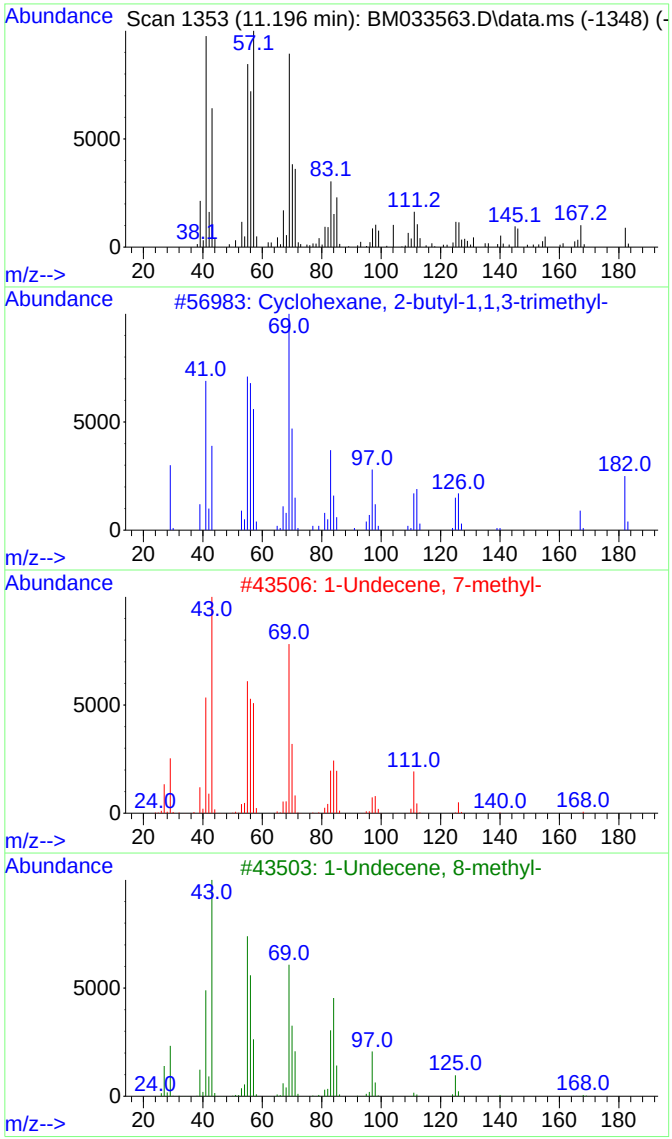
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

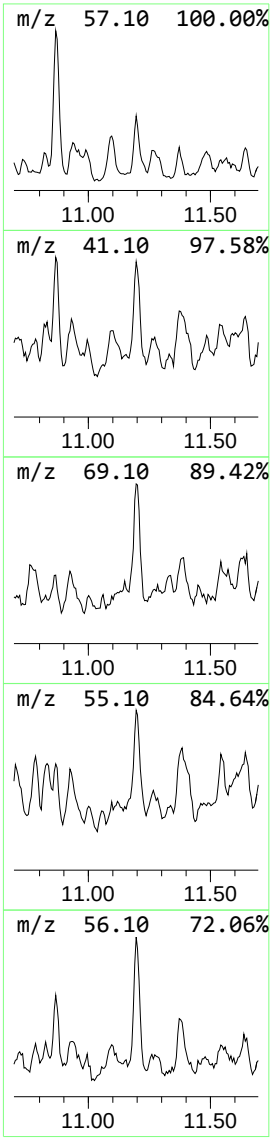
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.195	18.68 ng	292016	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	87
2	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	72
3	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	72
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	70
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

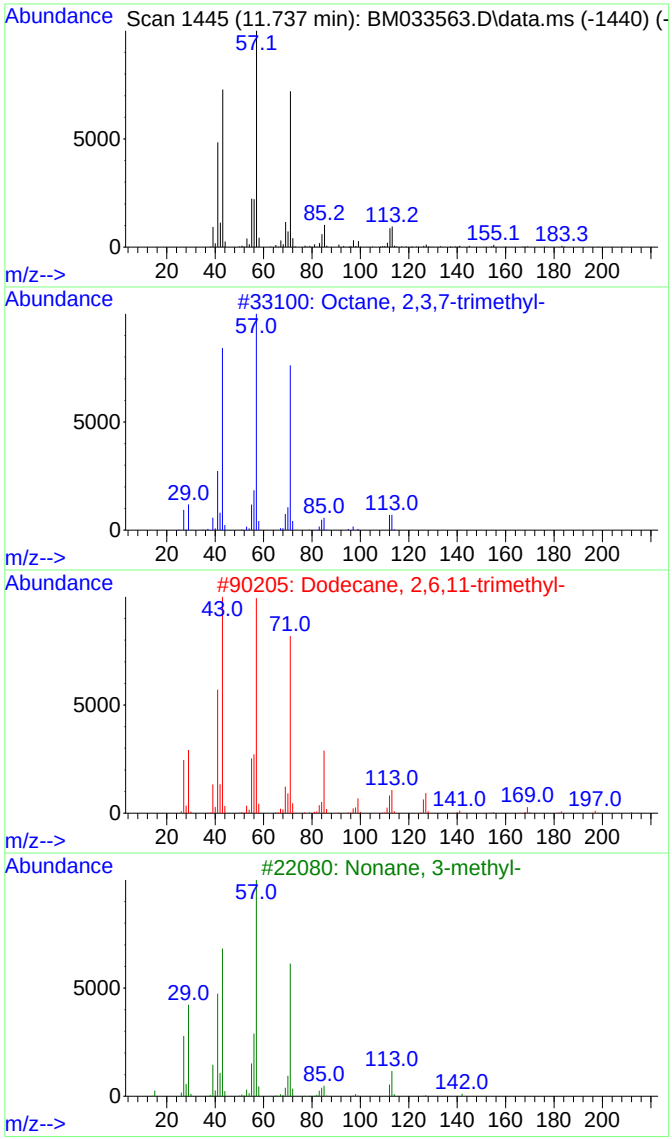
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

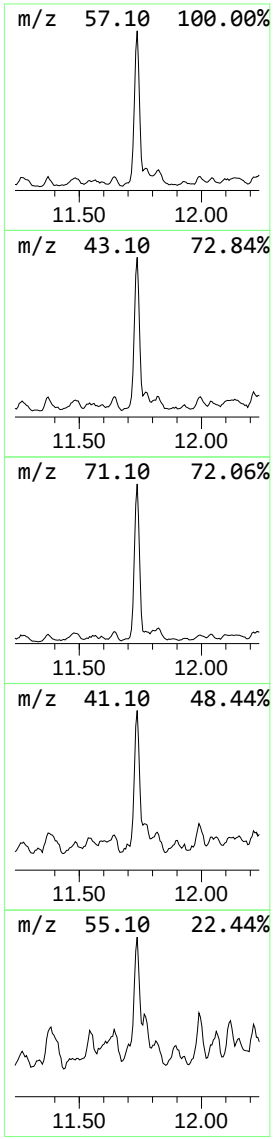
****

Peak Number 15 Octane, 2,3,7-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.737	51.18 ng	800044	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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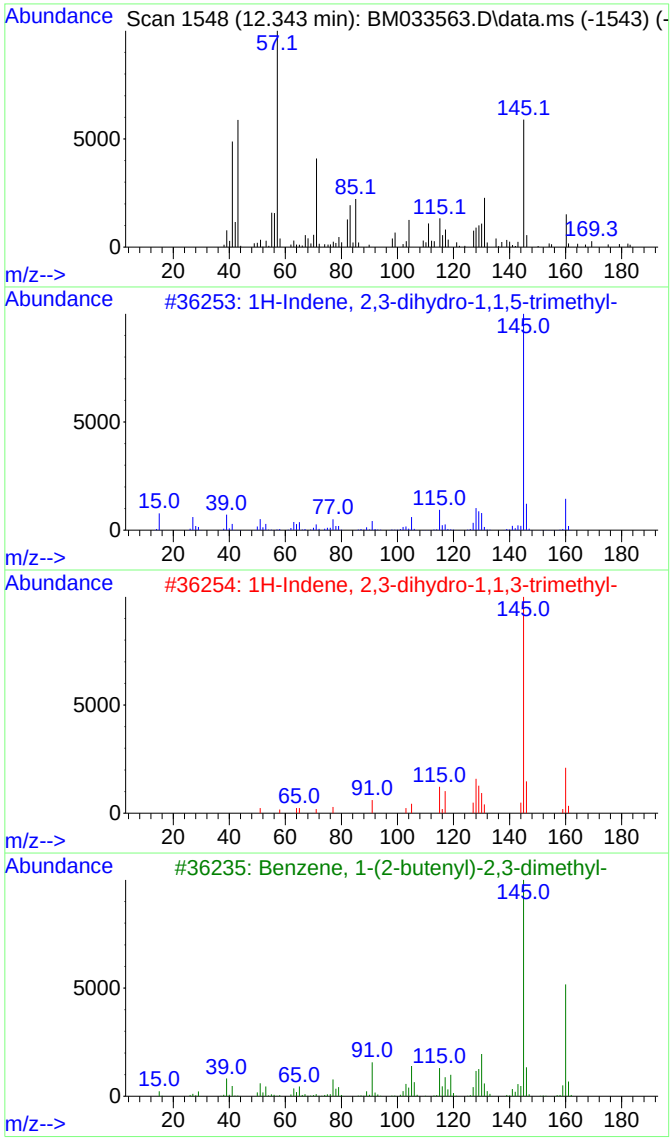
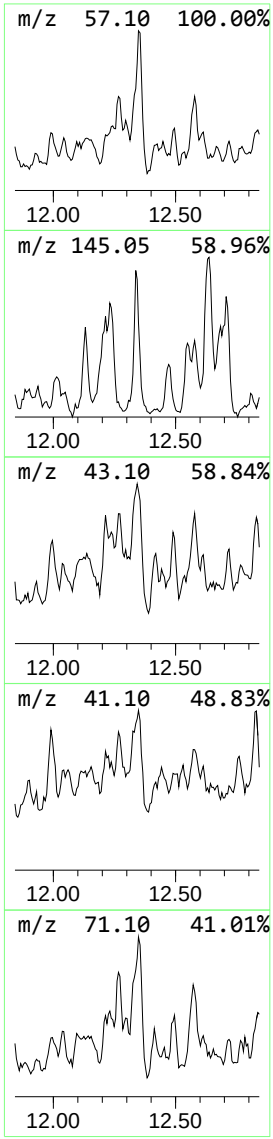
Peak Number 16 unknown12.342 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	27.14 ng	424194	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	38
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	38
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	35
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	35





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Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

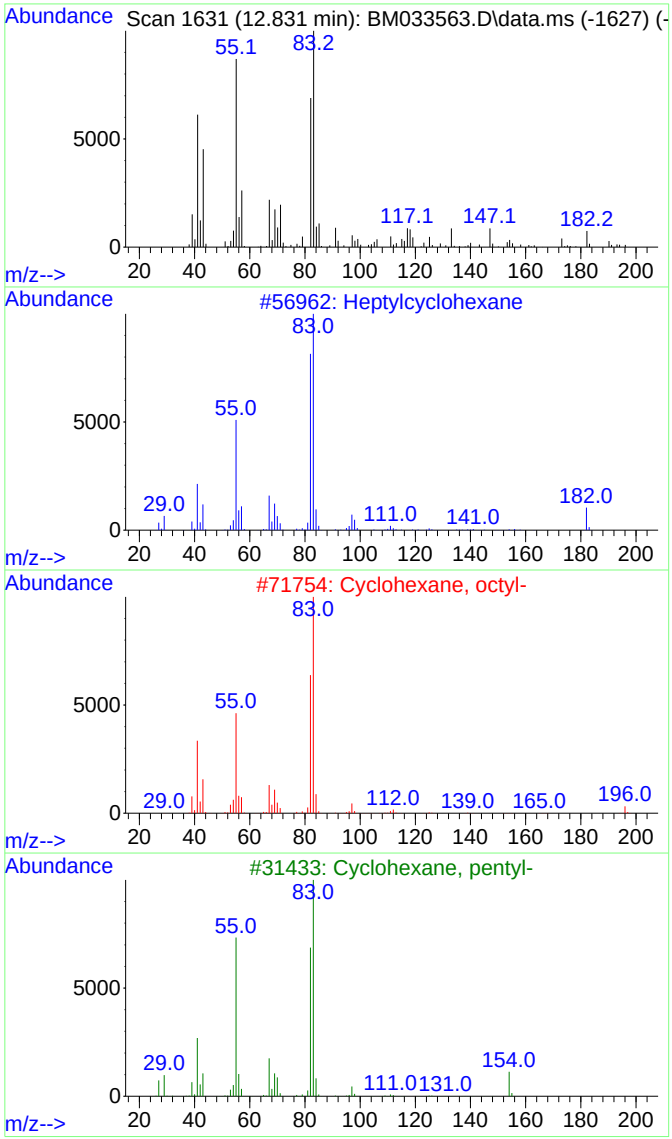
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

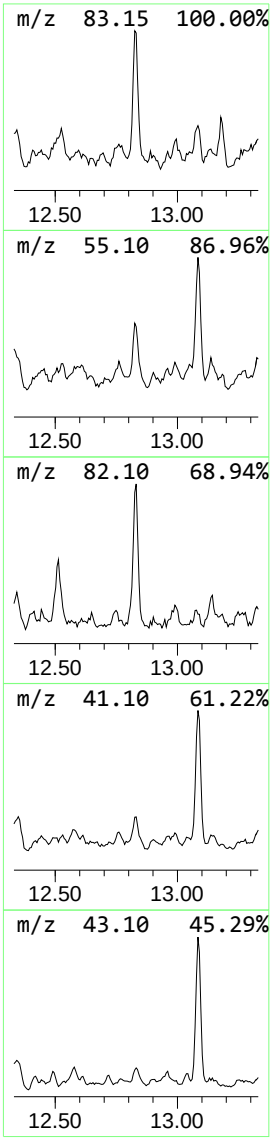
****

Peak Number 17 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	10.41 ng	239470	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	87
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	81
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64





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Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

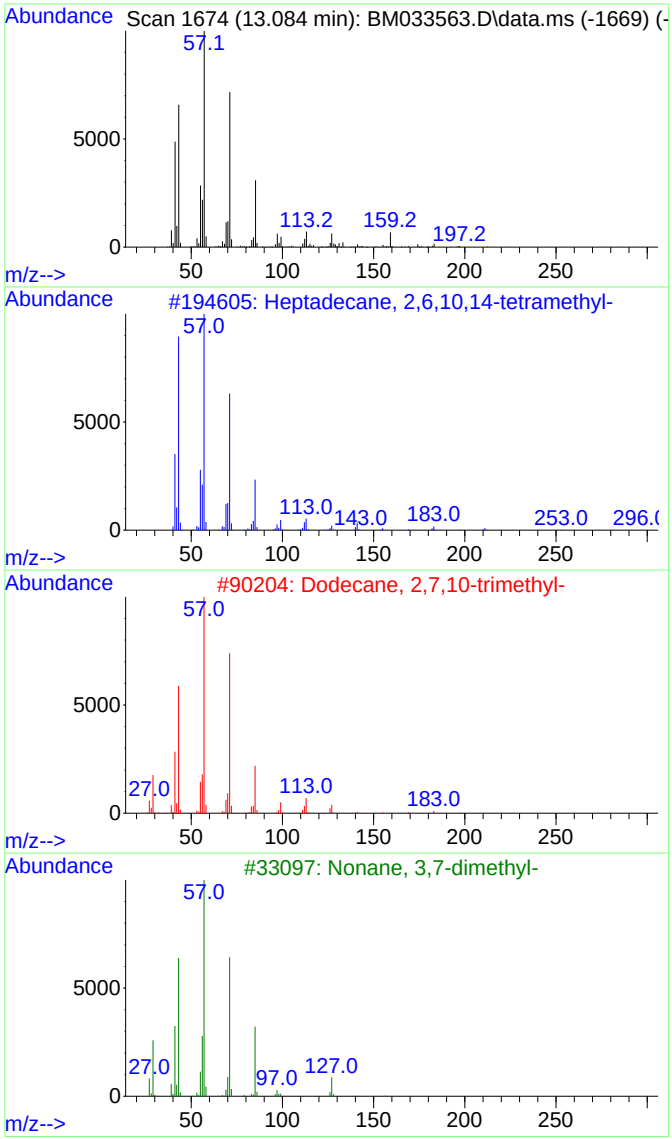
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

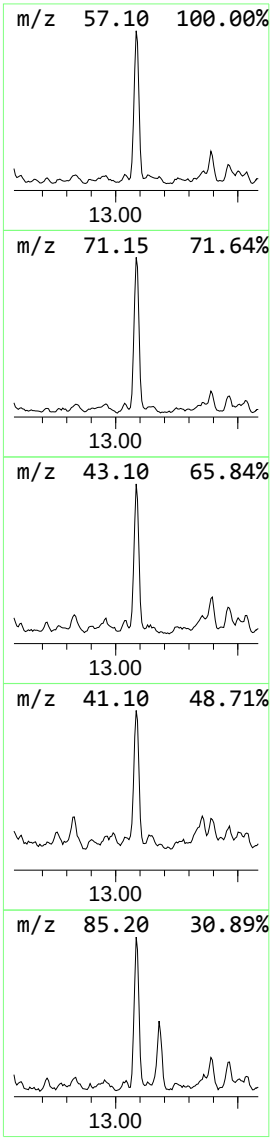
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.084	40.05 ng	920947	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

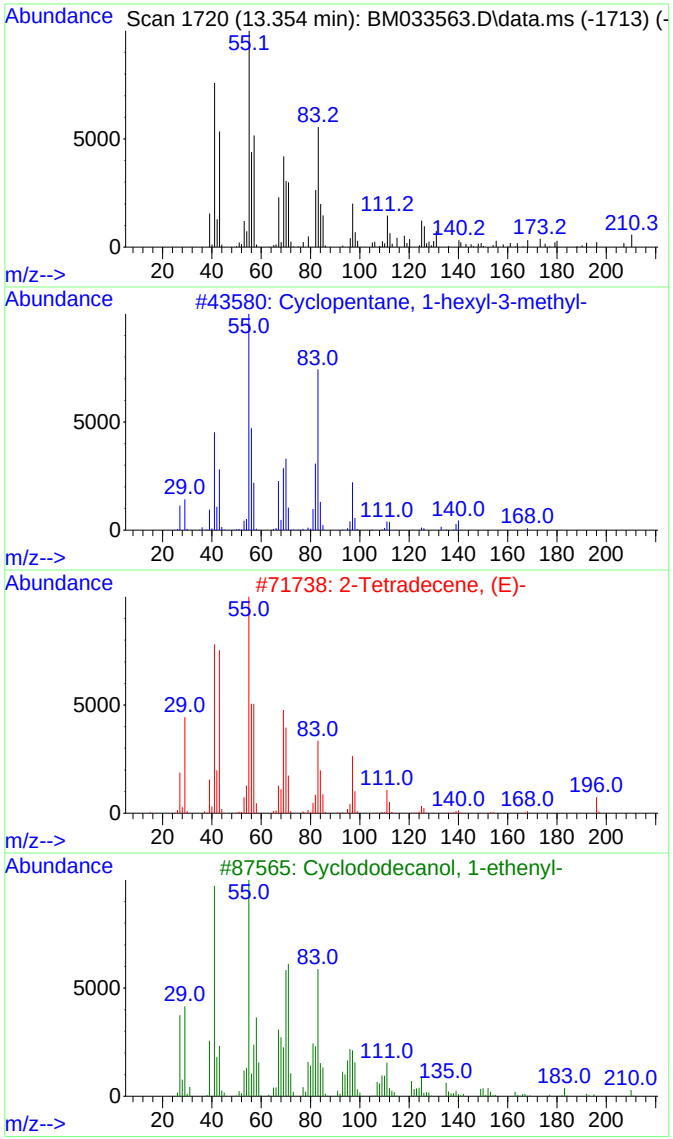
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

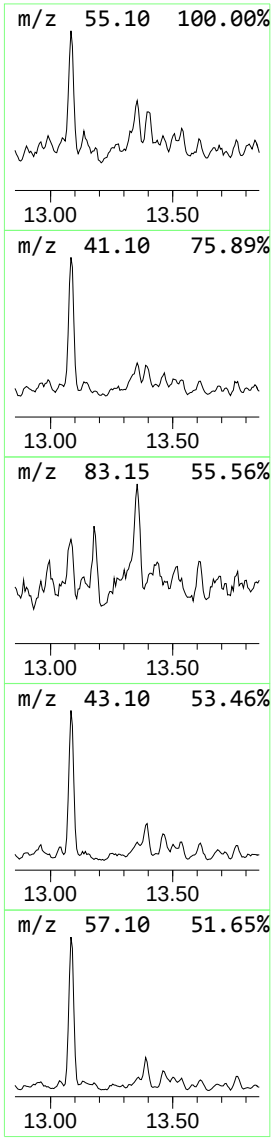
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopentane, 1-hexyl-3-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.354	9.49 ng	218176	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	70
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	60
3	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	58
4	Cyclodecane, methyl-	154	C11H22	013151-43-4	58
5	4-Tetradecene, (E)-	196	C14H28	041446-78-0	58





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Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

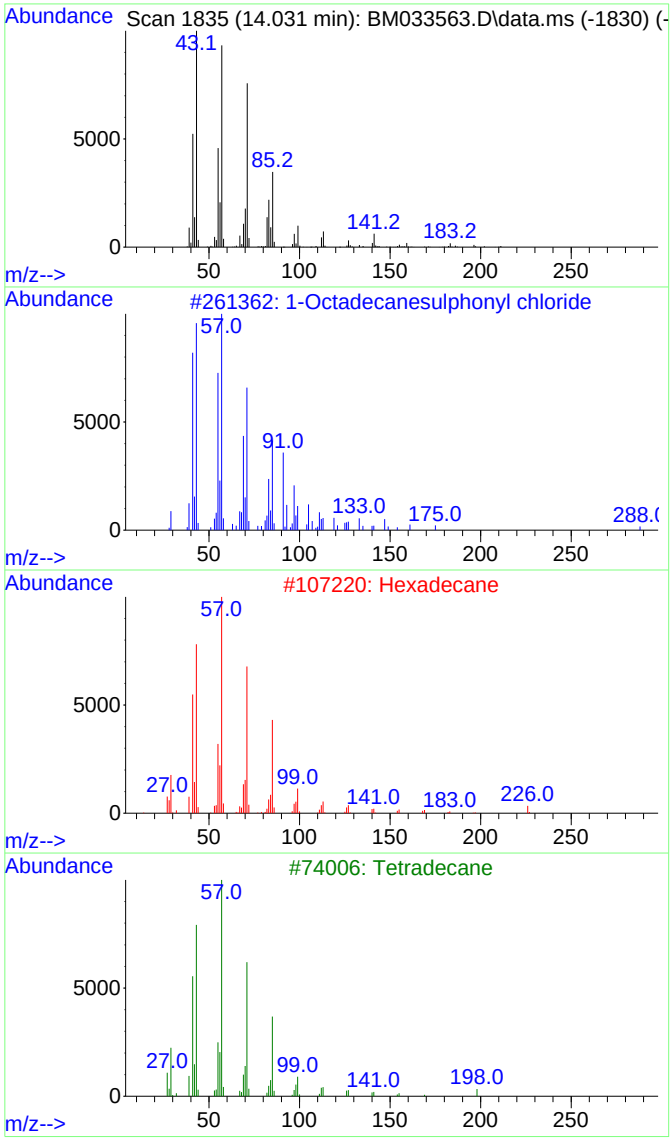
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

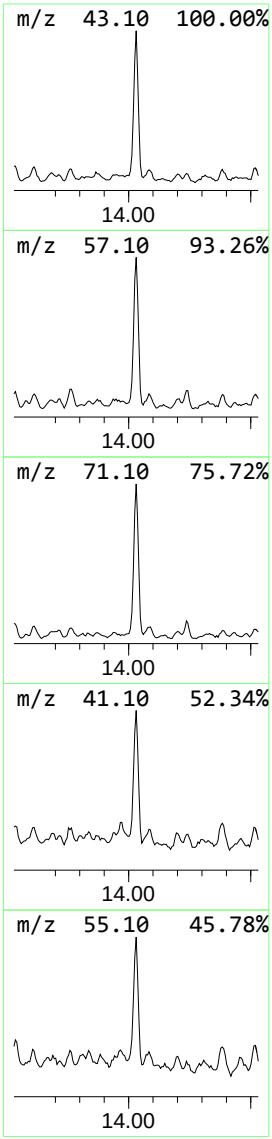
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Octadecanesulphonyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	28.47 ng	654720	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentacosane	352	C25H52	000629-99-2	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033563.D
Acq On : 21 Dec 2021 20:38
Operator : CG/JU
Sample : M5182-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HB-1-(18.5-23.5)-12-17-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.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
Cyclopentanol, ...	6.378	9.4	ng	85742	1	7.908	181735	20.0
Decyl octyl ether	8.084	11.5	ng	104302	1	7.908	181735	20.0
Cyclopentane, h...	8.455	10.6	ng	96425	1	7.908	181735	20.0
Naphthalene, de...	8.737	14.8	ng	134275	1	7.908	181735	20.0
unknown9.007	9.007	32.7	ng	296814	1	7.908	181735	20.0
Sulfurous acid,...	9.219	15.2	ng	138035	1	7.908	181735	20.0
unknown9.254	9.254	21.7	ng	196867	1	7.908	181735	20.0
Naphthalene, de...	9.625	15.5	ng	241656	2	10.719	312641	20.0
1-Methyldecahyd...	9.884	25.4	ng	396315	2	10.719	312641	20.0
Cyclopentane, 1...	10.296	12.7	ng	197741	2	10.719	312641	20.0
unknown10.425	10.425	16.0	ng	250564	2	10.719	312641	20.0
Benzene, (1-met...	10.825	9.4	ng	147472	2	10.719	312641	20.0
Hexadecane	10.866	11.9	ng	186316	2	10.719	312641	20.0
Cyclohexane, 2-...	11.195	18.7	ng	292016	2	10.719	312641	20.0
Octane, 2,3,7-t...	11.737	51.2	ng	800044	2	10.719	312641	20.0
unknown12.342	12.342	27.1	ng	424194	2	10.719	312641	20.0
Heptylcyclohexane	12.831	10.4	ng	239470	3	14.560	459877	20.0
Heptadecane, 2,...	13.084	40.0	ng	920947	3	14.560	459877	20.0
Cyclopentane, 1...	13.354	9.5	ng	218176	3	14.560	459877	20.0
1-Octadecanesul...	14.031	28.5	ng	654720	3	14.560	459877	20.0