LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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: BM033559.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	374	380	394	rBV	362253	612715	40.00%	2.553%
2	6.166	489	498	505	rBV4	36962	103043	6.73%	0.429%
3	6.378	528	534	542	rBV6	46728	130827	8.54%	0.545%
4	6.531	549	560	573	rVV8	38255	183558	11.98%	0.765%
5	7.037	640	646	648	rVV2	80136	138704	9.06%	0.578%
6	7.078	648	653	666	rVV	373918	704815	46.01%	2.937%
7	7.219	672	677	683	rVB4	34965	72827	4.75%	0.303%
8	7.619	740	745	750	rVB3	32732	67814	4.43%	0.283%
9	7.713	755	761	768	rVB4	27727	67131	4.38%	0.280%
10	7.807	768	777	784	rBV6	56049	198736	12.97%	0.828%
11	7.913	789	795	800	rVB	92169	158658	10.36%	0.661%
12	7.972	800	805	810	rVB2	44634	78904	5.15%	0.329%
13	8.043	810	817	819	rBV5	23709	57926	3.78%	0.241%
14	8.090	819	825	829	rVB2	86043	134373	8.77%	0.560%
15	8.249	849	852	859	rVB4	46787	76257	4.98%	0.318%
16	8.343	859	868	873	rBV7	35579	78149	5.10%	0.326%
17	8.402	873	878	881	rVV3	41892	68359	4.46%	0.285%
18	8.460	883	888	893	rVB2	78977	136350	8.90%	0.568%
19	8.601	903	912	916	rBV5	38237	83383	5.44%	0.347%
20	8.737	931	935	940	rBV2	93242	172077	11.23%	0.717%
21	8.884	954	960	970	rBV9	31288	97407	6.36%	0.406%
22	9.013	970	982	988	rBV5	161511	428556	27.98%	1.786%
23	9.084	988	994	1004	rVV	243827	557187	36.38%	2.322%
24	9.172	1005	1009	1012	rVB2	58380	90460	5.91%	0.377%
25	9.219	1012	1017	1019	rBV3	108560	170036	11.10%	0.709%
26	9.254	1020	1023	1031	rVB5	134808	262398	17.13%	1.093%
27	9.331	1031	1036	1038	rBV3	39847	64465	4.21%	0.269%
28	9.366	1039	1042	1048	rVB3	77183	133117	8.69%	0.555%
29	9.472	1049	1060	1061	rBV6	43852	117106	7.65%	0.488%
30	9.543	1067	1072	1076	rBV3	94085	165860	10.83%	0.691%
31	9.625	1080	1086	1091	rVV4	164587	309031	20.18%	1.288%
32	9.672	1091	1094	1099	rVB2	61744	89284	5.83%	0.372%
33	9.796	1109	1115	1118	rBV3	73871	138596	9.05%	0.578%
34	9.831	1119	1121	1125	rVB2	71483	80745	5.27%	0.336%
35	9.890	1125	1131	1144	rVB6	226101	563622	36.80%	2.349%
36	10.119	1164	1170	1173	rBV6	57857	131534	8.59%	0.548%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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	10.296	1194	1200	1210	rBV7	112337	303889	19.84%	1.266%
38	10.431	1215	1223	1229	rBV3	123304	363978	23.76%	1.517%
39	10.495	1229	1234	1238	rVV3	70022	113787	7.43%	0.474%
40	10.672	1260	1264	1267	rBV3	91993	154339	10.08%	0.643%
41	10.719	1267	1272	1277	rVB	157717	316183	20.64%	1.318%
42	10.831	1287	1291	1294	rBV4	123020	206010	13.45%	0.858%
43	10.872	1294	1298	1303	rVV2	178669	274014	17.89%	1.142%
44	10.931	1304	1308	1317	rVV4	121493	248865	16.25%	1.037%
45	11.001	1317	1320	1326	rVB5	64751	115684	7.55%	0.482%
46	11.095	1332	1336	1340	rBV5	65985	136756	8.93%	0.570%
47	11.201	1348	1354	1360	rVB4	202573	401375	26.20%	1.673%
48	11.272	1362	1366	1373	rVB8	49077	111725	7.29%	0.466%
49	11.378	1379	1384	1385	rBV2	117110	152572	9.96%	0.636%
50	11.542	1409	1412	1417	rBV5	56403	97572	6.37%	0.407%
51	11.695	1435	1438	1440	rBV3	42898	59293	3.87%	0.247%
52	11.737	1440	1445	1450	rBV	733492	1214618	79.30%	5.061%
53	11.995	1486	1489	1494	rVB4	114363	160035	10.45%	0.667%
54	12.042	1495	1497	1504	rVB6	74112	125942	8.22%	0.525%
55	12.213	1524	1526	1529	rBV2	52741	72106	4.71%	0.300%
56	12.342	1544	1548	1557	rVB3	235803	578426	37.76%	2.410%
57	12.631	1593	1597	1602	rBV3	92459	154937	10.12%	0.646%
58	12.831	1627	1631	1638	rVB4	166279	361038	23.57%	1.504%
59	12.901	1639	1643	1647	rBV6	78419	139850	9.13%	0.583%
60	13.048	1664	1668	1669	rBV4	65646	87117	5.69%	0.363%
61	13.089	1670	1675	1681	rVB	839756	1243559	81.19%	5.182%
62	13.184	1686	1691	1696	rVB	620593	908759	59.33%	3.787%
63	13.331	1714	1716	1718	rBV2	58652	71293	4.65%	0.297%
64	13.360	1718	1721	1724	rVV4	119866	163104	10.65%	0.680%
65	13.395	1724	1727	1731	rVB2	142305	189764	12.39%	0.791%
66	13.466	1736	1739	1742	rVV	88542	120057	7.84%	0.500%
67	13.501	1743	1745	1749	rVB4	105973	115940	7.57%	0.483%
68	13.613	1761	1764	1770	rVB3	109040	149758	9.78%	0.624%
69	13.878	1806	1809	1813	rVB3	85459	127730	8.34%	0.532%
70	13.972	1822	1825	1830	rVV5	78129	96387	6.29%	0.402%
71	14.031	1831	1835	1840	rVB	719377	973136	63.53%	4.055%
72	14.201	1860	1864	1868	rBV6	89854	140237	9.16%	0.584%
73	14.242	1868	1871	1875	rBV3	52866	75172	4.91%	0.313%
74	14.383	1891	1895	1901	rVB2	145337	251162	16.40%	1.047%
75	14.519	1914	1918	1921	rBV4	121727	189866	12.40%	0.791%
76	14.560	1921	1925	1931	rVB	280307	448043	29.25%	1.867%

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Acq On : 21 Dec 2021 18:14
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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	14.954	1988	1992	1996	rVB	117167	164402	10.73%	0.685%
78	15.030	2002	2005	2008	rVB2	65825	71848	4.69%	0.299%
79	15.072	2008	2012	2023	rVB5	122113	261060	17.04%	1.088%
80	15.178	2025	2030	2036	rBV3	84482	170155	11.11%	0.709%
81	15.589	2097	2100	2106	rBV6	38693	70761	4.62%	0.295%
82	15.801	2132	2136	2145	rVB	136143	237374	15.50%	0.989%
83	15.895	2149	2152	2160	rVB9	35444	71722	4.68%	0.299%
84	16.048	2173	2178	2185	rVB	579113	829283	54.14%	3.456%
85	16.283	2213	2218	2223	rBV	146525	209761	13.69%	0.874%
86	17.307	2386	2392	2398	rBV	279297	442645	28.90%	1.845%
87	17.983	2502	2507	2513	rVB2	65701	91047	5.94%	0.379%
88	18.195	2539	2543	2550	rVV	93998	152160	9.93%	0.634%
89	18.266	2551	2555	2559	rVV2	28894	63018	4.11%	0.263%
90	18.319	2559	2564	2569	rVV5	69884	123325	8.05%	0.514%
91	18.501	2588	2595	2602	rBV4	45011	100133	6.54%	0.417%
92	18.648	2616	2620	2623	rVB3	49494	67632	4.42%	0.282%
93	19.042	2682	2687	2692	rBV2	82982	139572	9.11%	0.582%
94	19.471	2756	2760	2763	rBV2	45256	61265	4.00%	0.255%
95	19.877	2825	2829	2832	rBV	51264	68153	4.45%	0.284%
96	19.924	2832	2837	2843	rVB	1235067	1531712	100.00%	6.383%
97	20.424	2918	2922	2934	rBV2	65053	116079	7.58%	0.484%
98	21.189	3048	3052	3059	rBV	89040	133456	8.71%	0.556%
99	21.483	3097	3102	3111	rBV	369978	484893	31.66%	2.021%
100	23.883	3504	3510	3519	rVB	192045	398062	25.99%	1.659%

Sum of corrected areas: 23997606

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Data File : BM033559.D
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Instrument :
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ClientSampleId :
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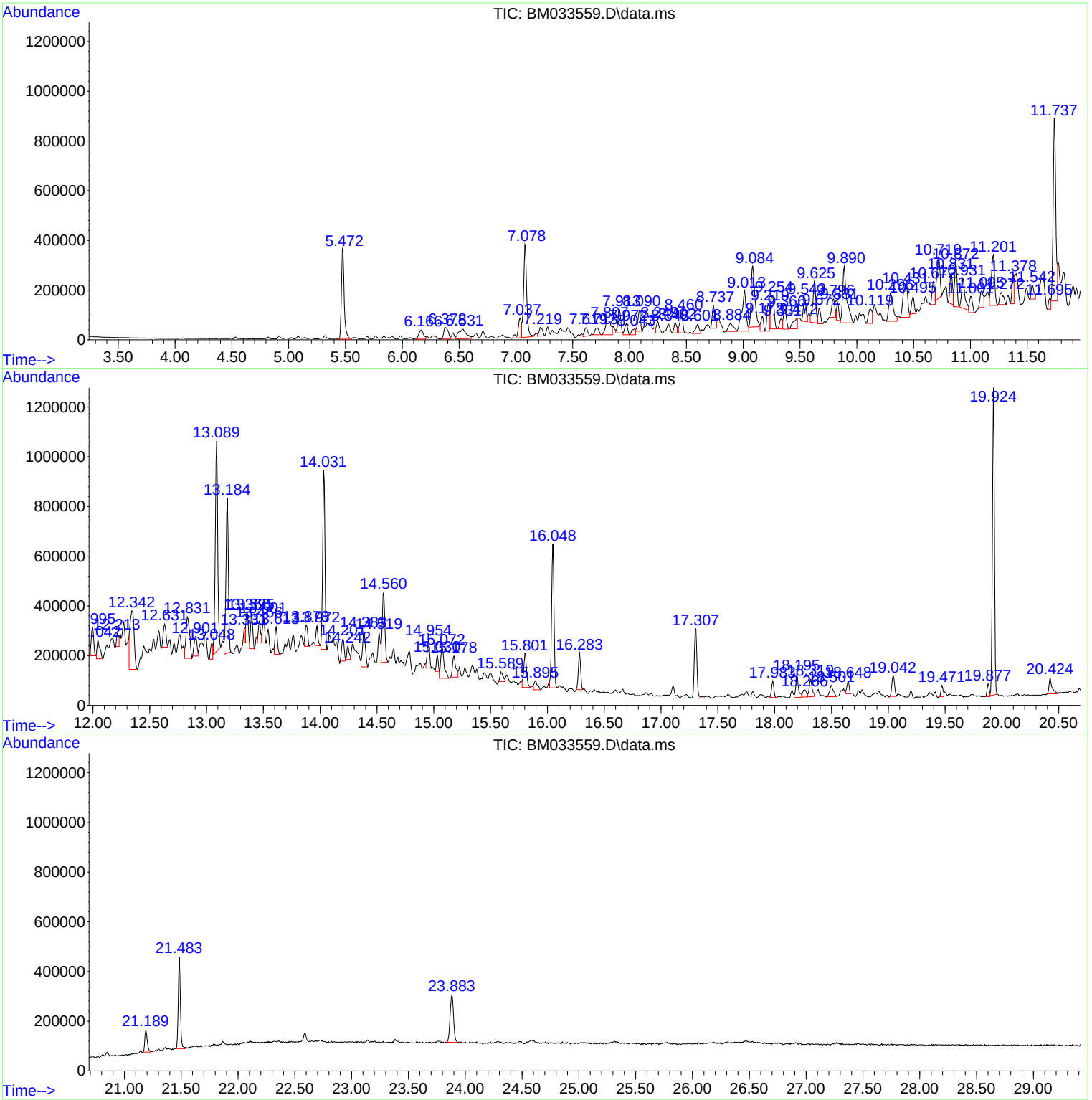
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
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Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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

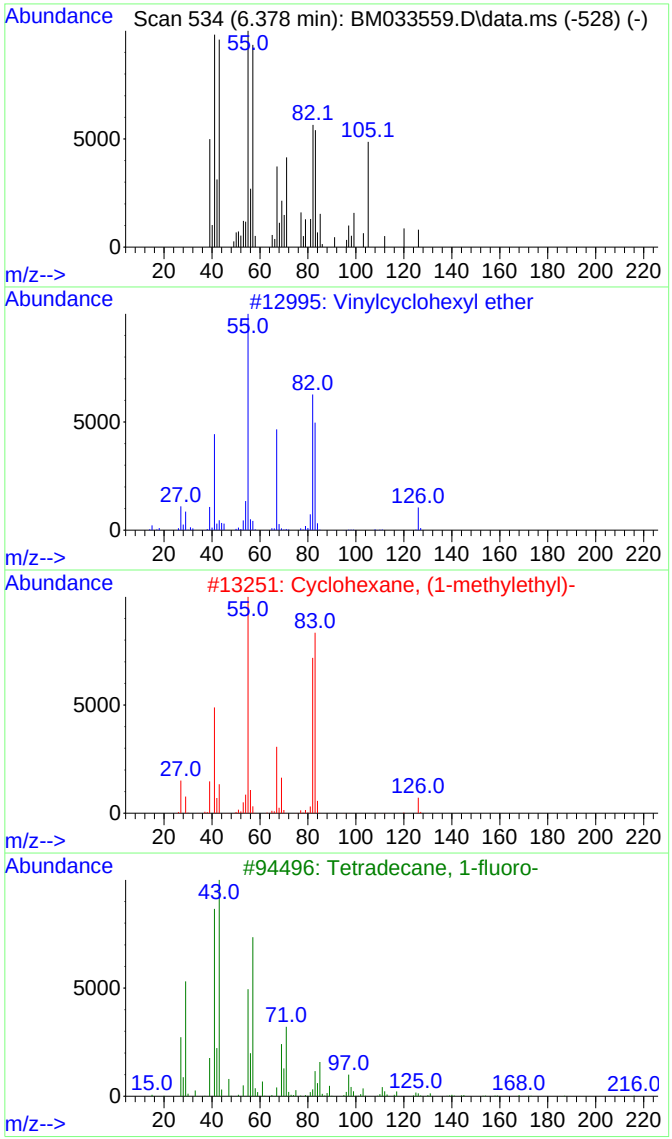
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

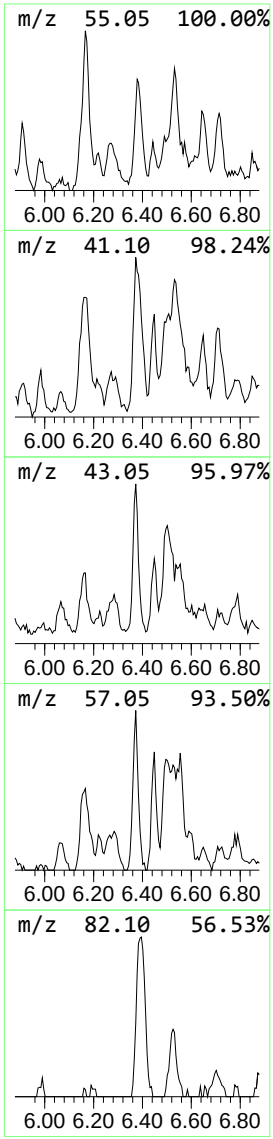
****

Peak Number 1 unknown6.378 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	16.49 ng	130827	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	46
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
3	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	38
4	1,5-Octadiene, 7-methyl-3-(1-met...	166	C12H22	074630-12-9	35
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
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Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

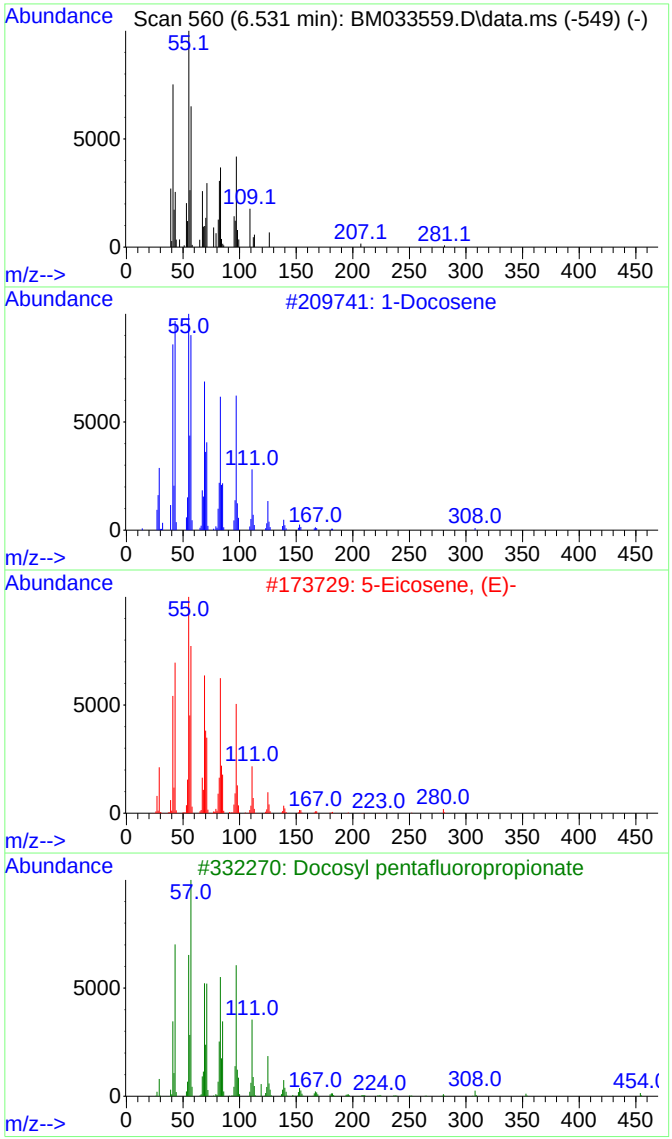
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

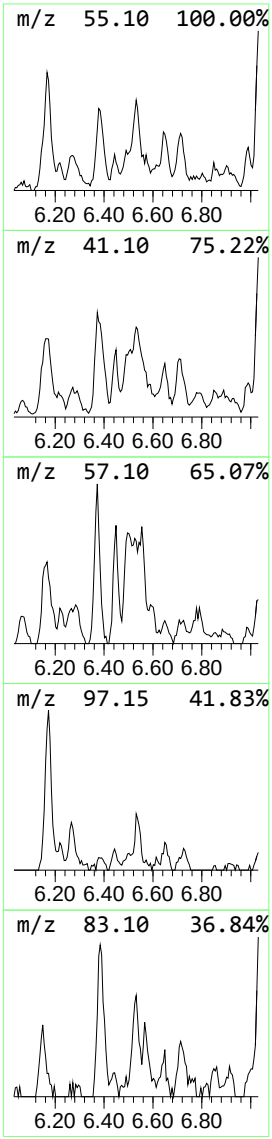
****

Peak Number 2 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.531	23.14 ng	183558	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	53
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	47
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	43
4	Cycloheptanemethanol	128	C8H16O	004448-75-3	43
5	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
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ALS Vial : 12 Sample Multiplier: 1

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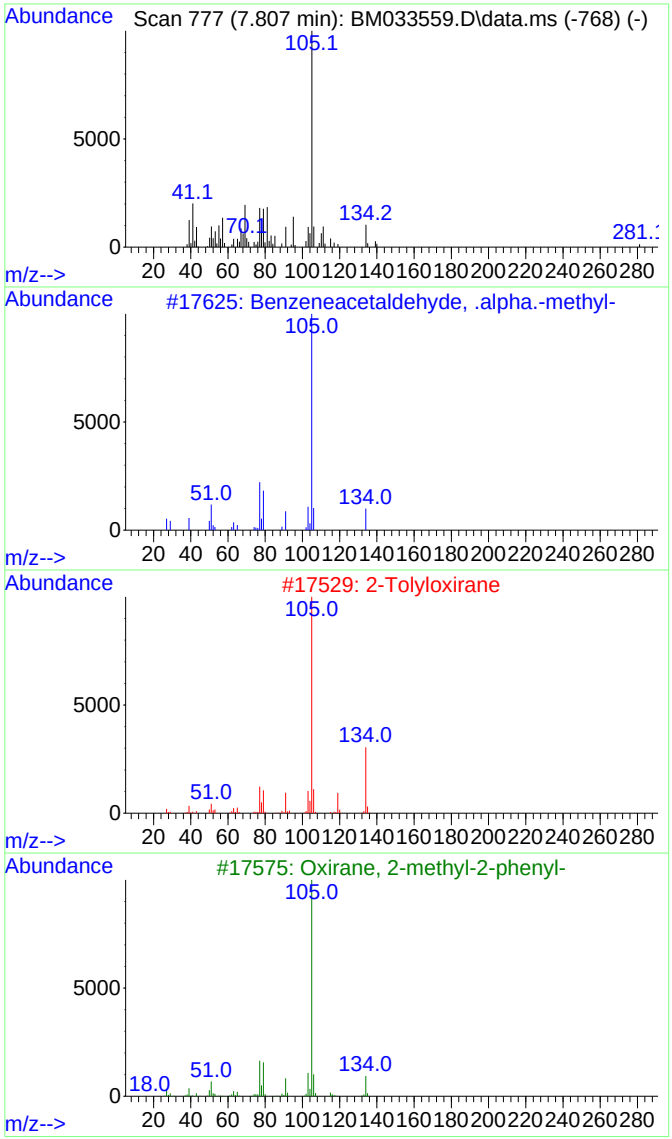
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

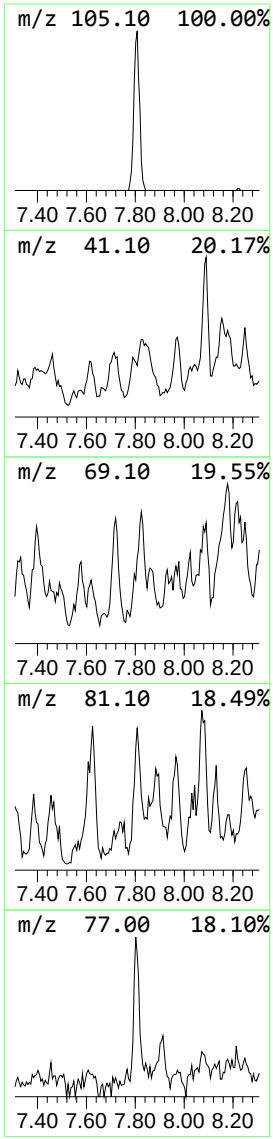
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzeneacetaldehyde, .alpha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.807	25.05 ng	198736	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
2	2-Tolyloxirane	134	C9H10O	002783-26-8	70
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49





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Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
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Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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

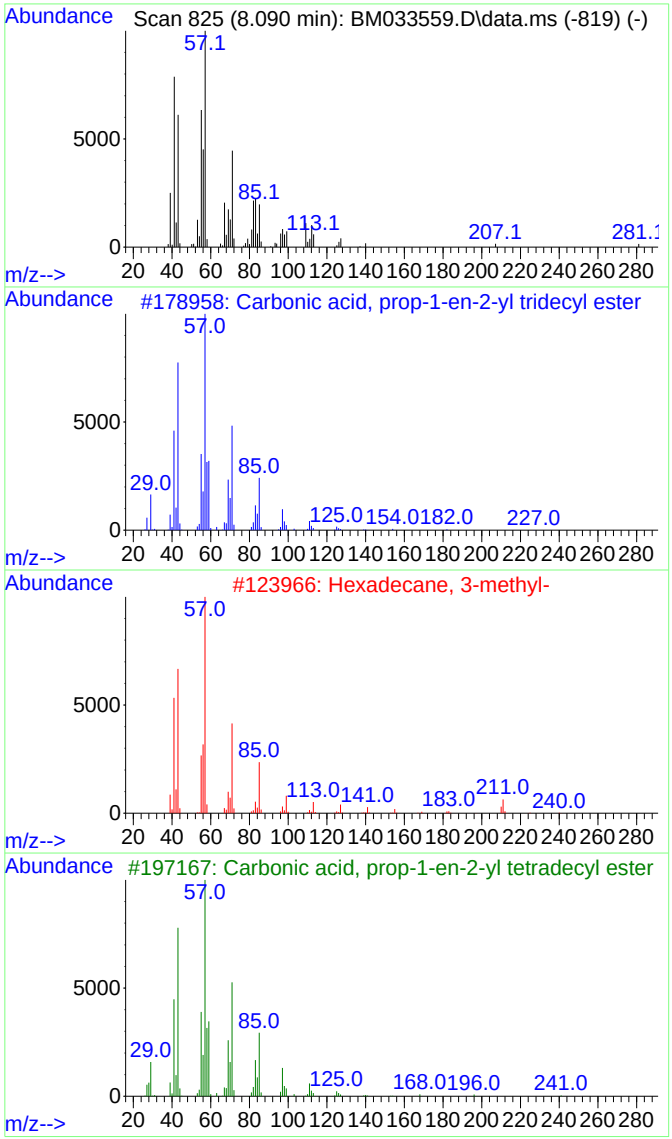
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

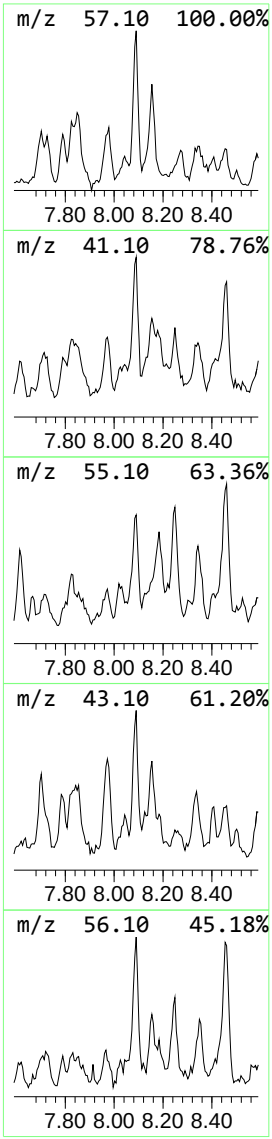
****

Peak Number 4 unknown8.090 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.090	16.94 ng	134373	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	38
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	35
4	Undecane	156	C11H24	001120-21-4	35
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

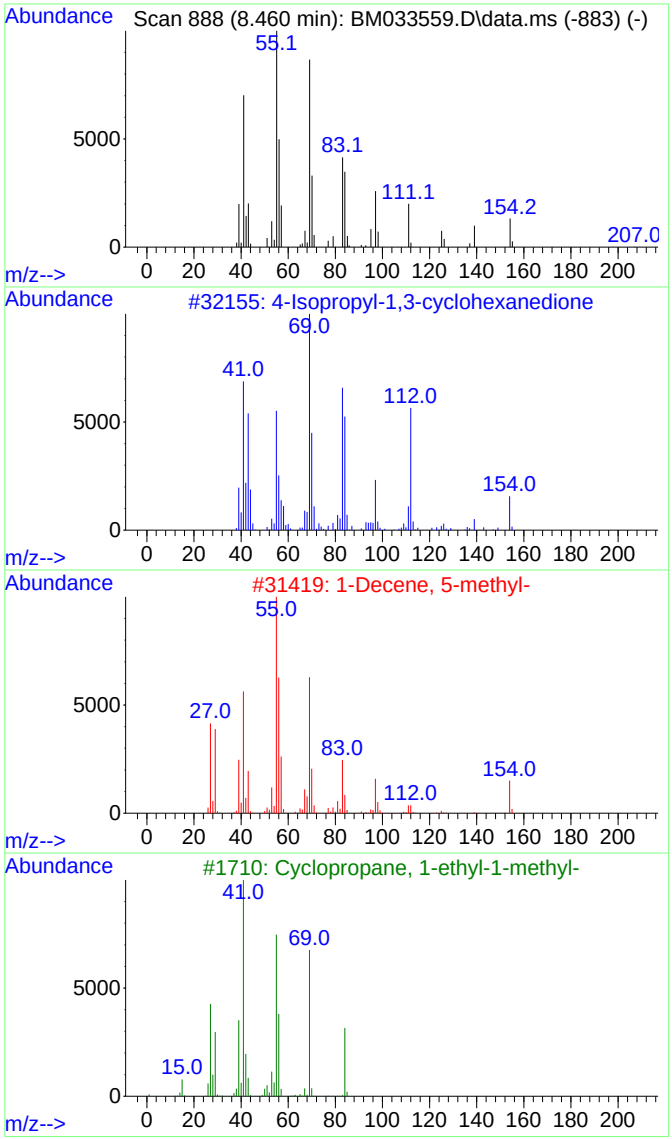
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

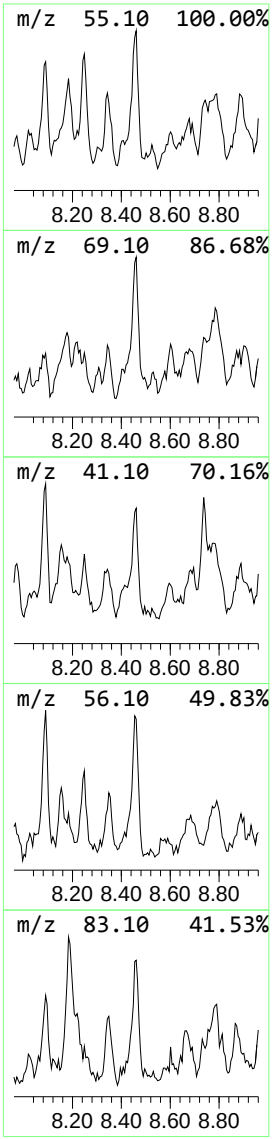
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Isopropyl-1,3-cyclohexane... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.460	17.19 ng	136350	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	58
2	1-Decene, 5-methyl-	154	C11H22	054244-79-0	58
3	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	55
4	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	53
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	52





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Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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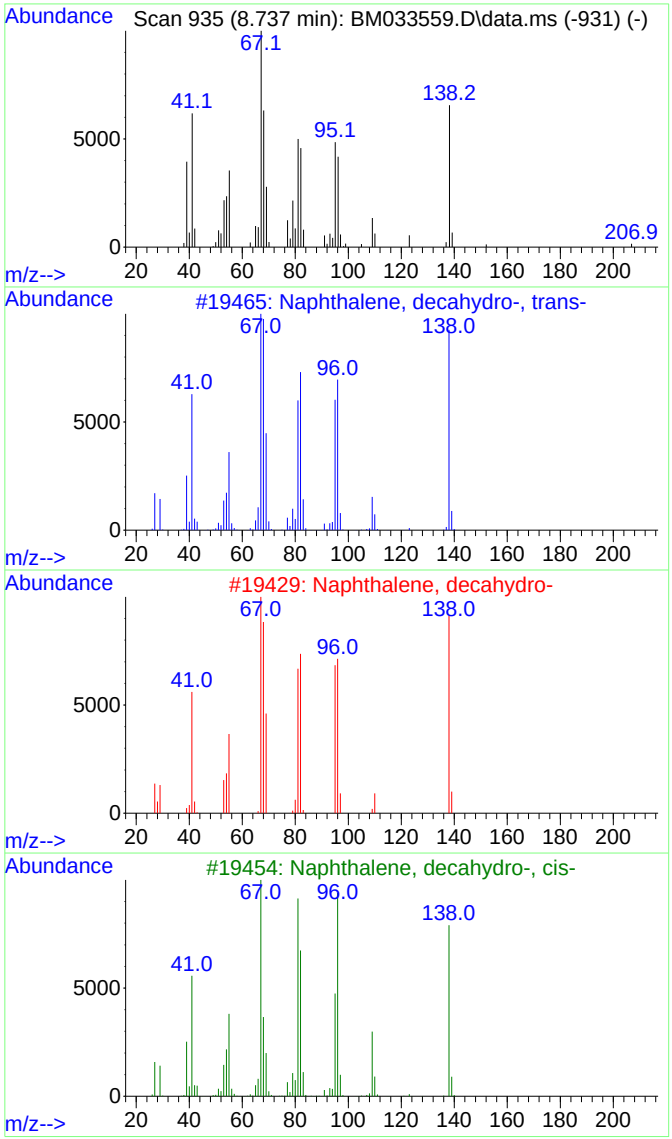
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

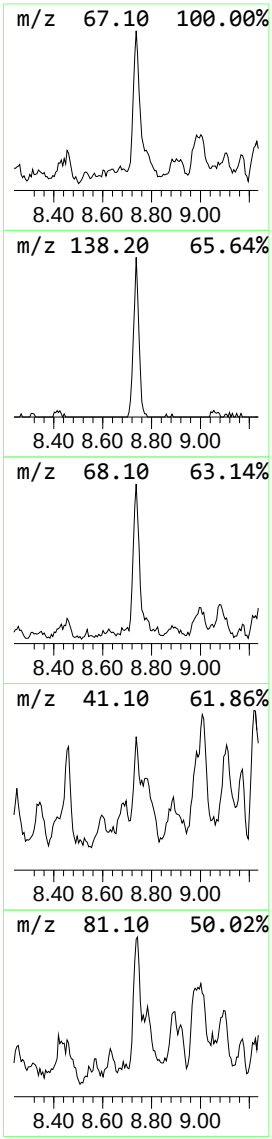
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.737	21.69 ng	172077	1,4-Dichlorobenzene-d4	7.913

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	93
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	89
4	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	74
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	60





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ALS Vial : 12 Sample Multiplier: 1

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BNA_M
ClientSampleId :
BLIND-DUPLICATE

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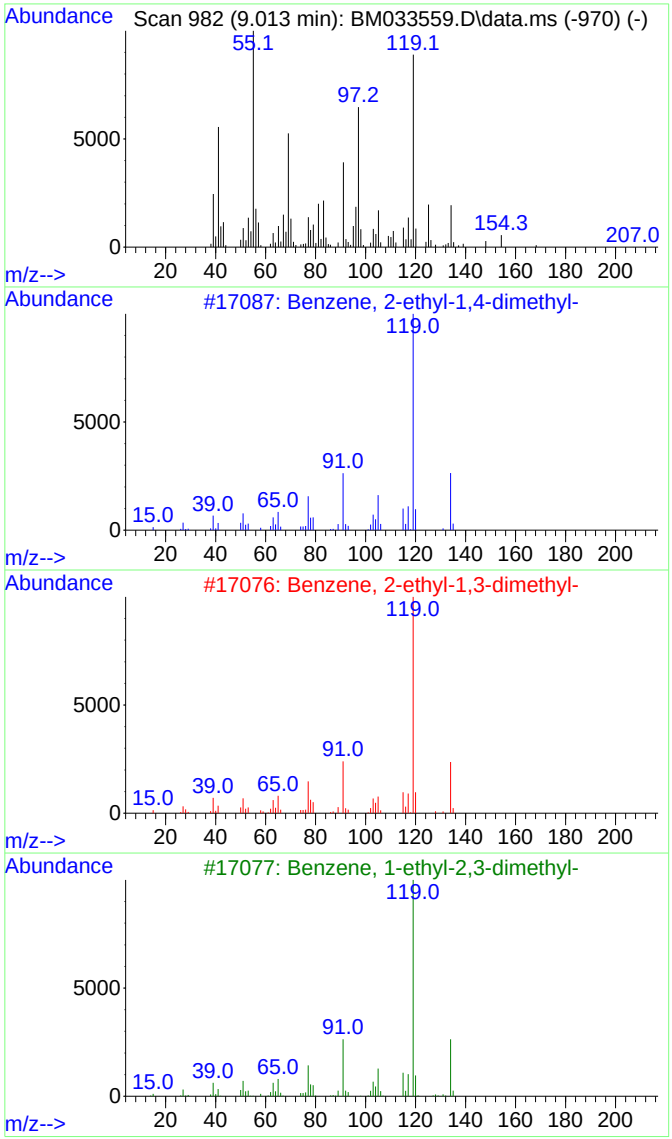
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

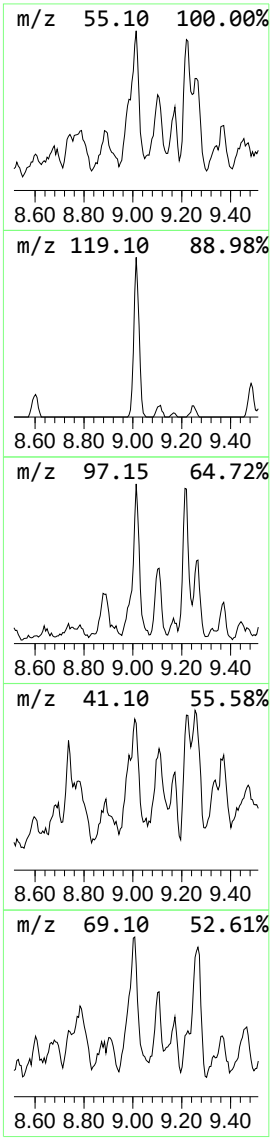
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.013	54.02 ng	428556	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4	o-Cymene	134	C10H14	000527-84-4	66
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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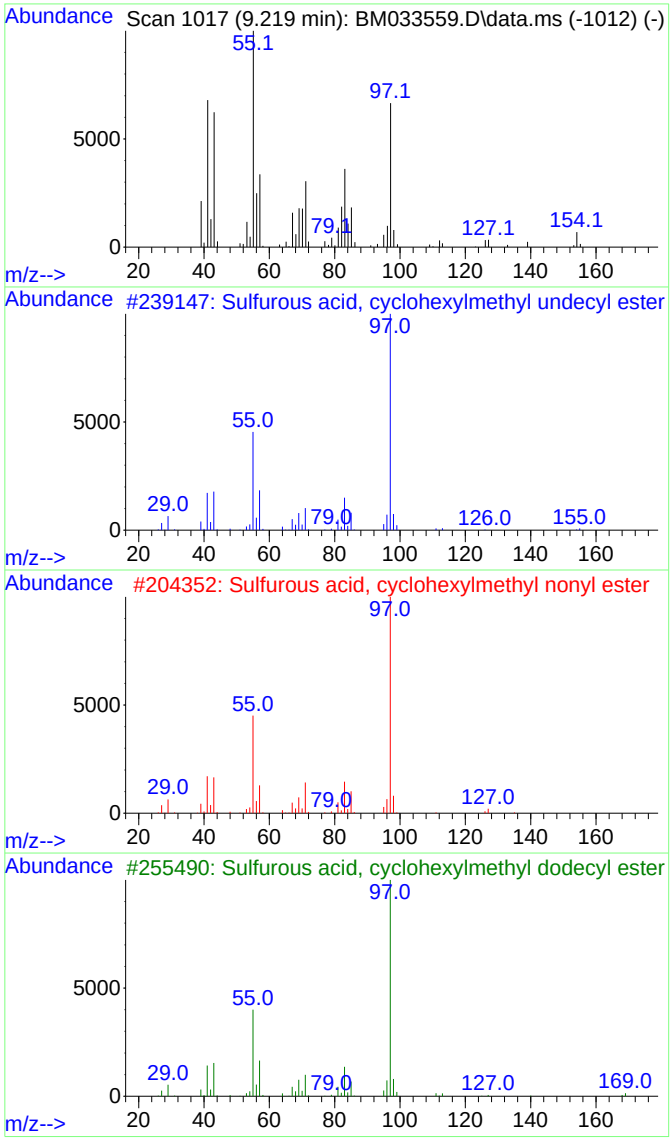
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

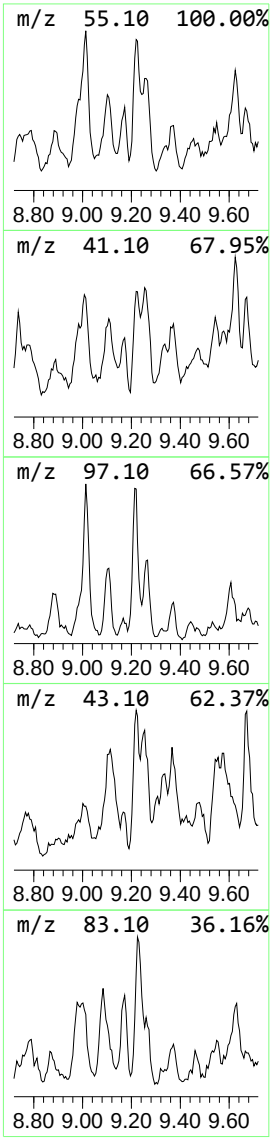
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Sulfurous acid, cyclohexylm... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.219	21.43 ng	170036	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
2	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	58
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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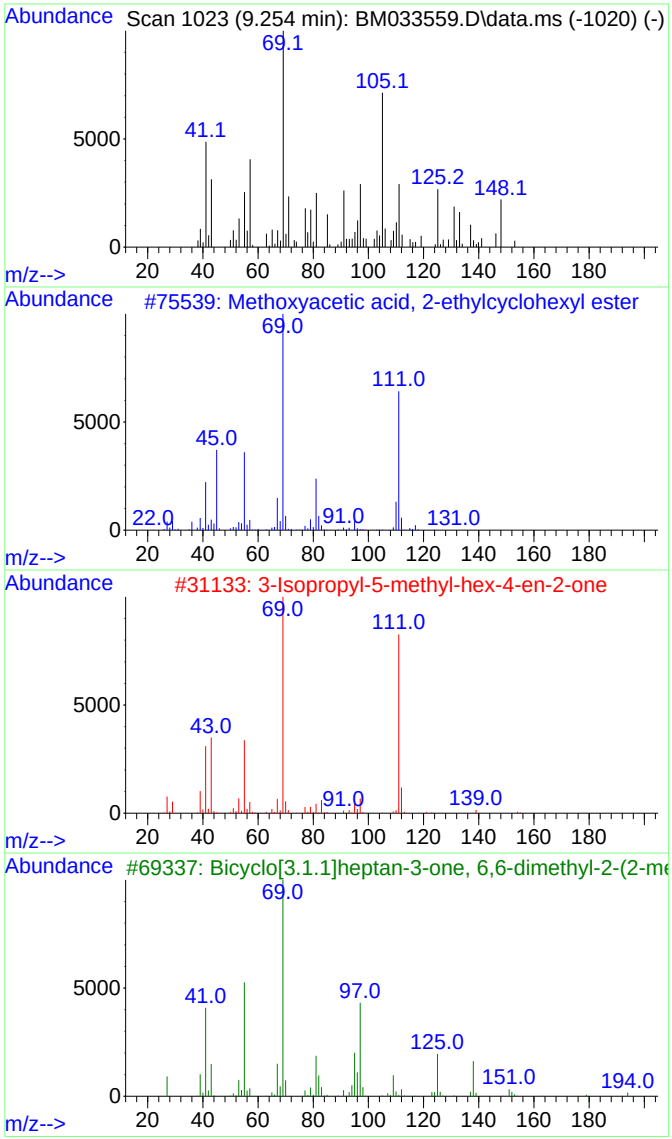
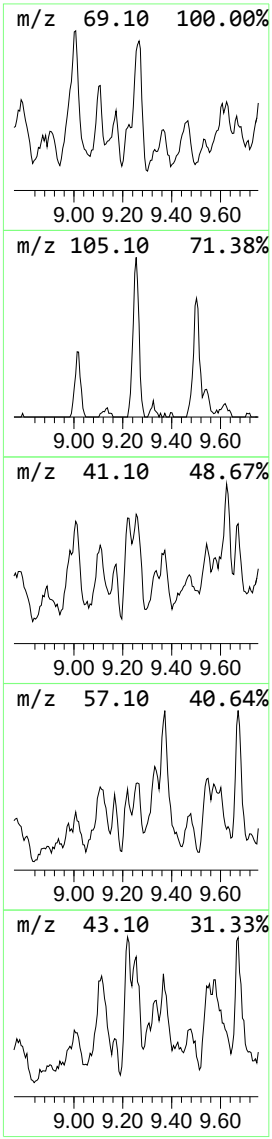
Peak Number 9 unknown9.254 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.254	33.08 ng	262398	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	38
2	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	38
3	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	37
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	35
5	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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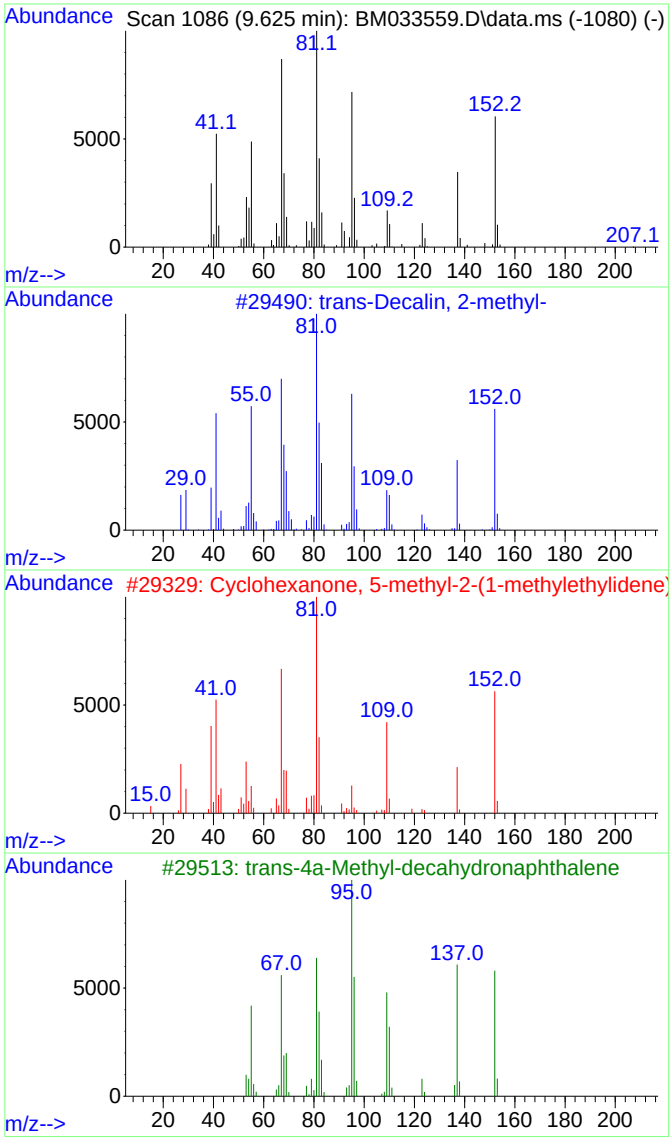
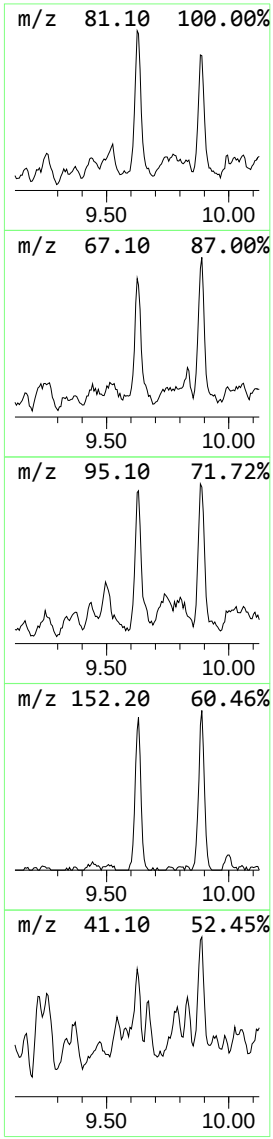
Peak Number 10 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.625	19.55 ng	309031	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76
4	Pulegone	152	C10H16O	000089-82-7	74
5	5-Hexadecyne	222	C16H30	071899-37-1	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

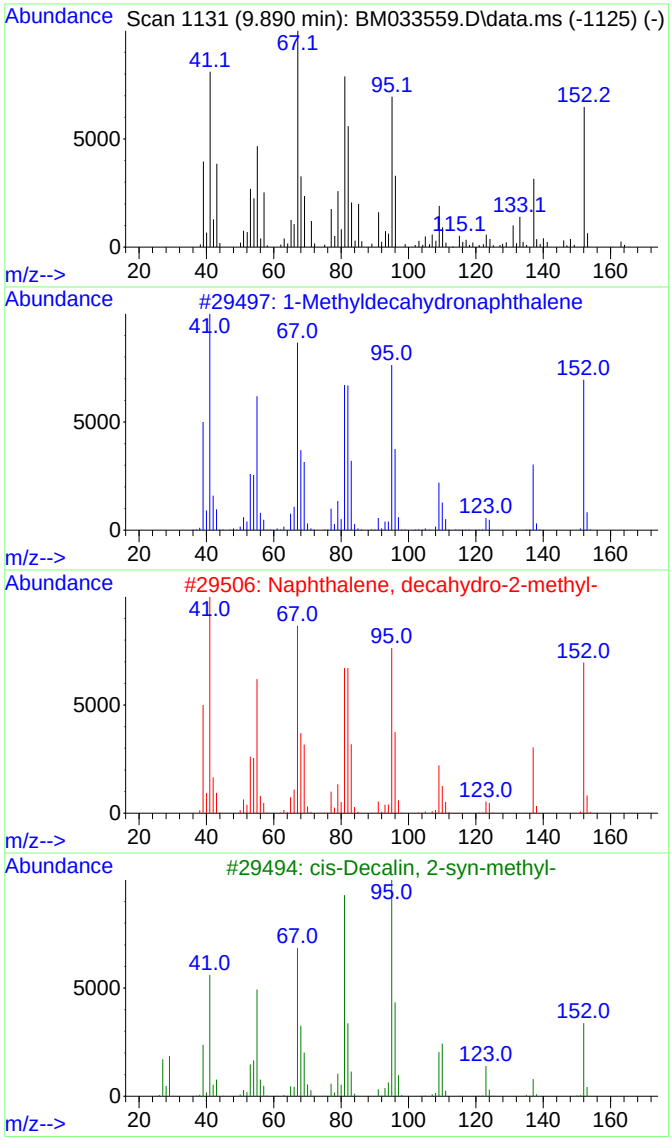
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

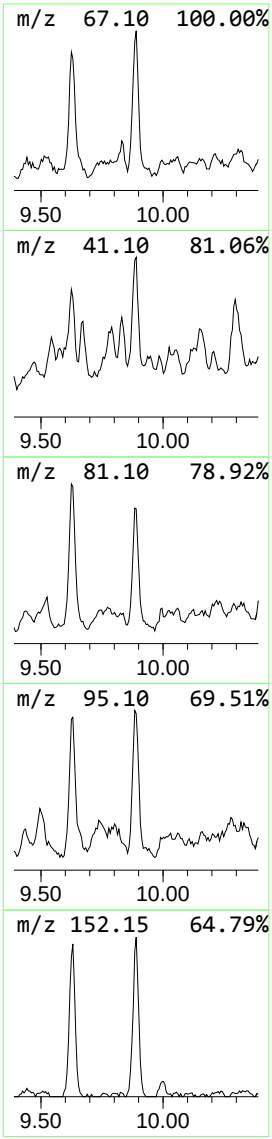
****

Peak Number 11 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	35.65 ng	563622	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58





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Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

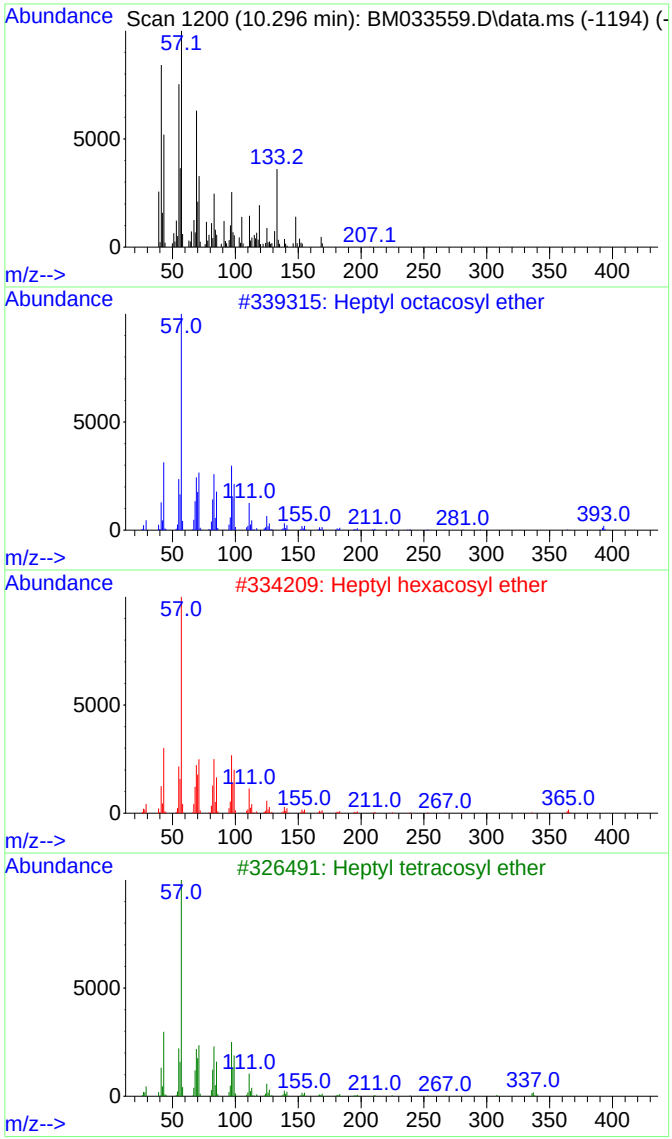
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

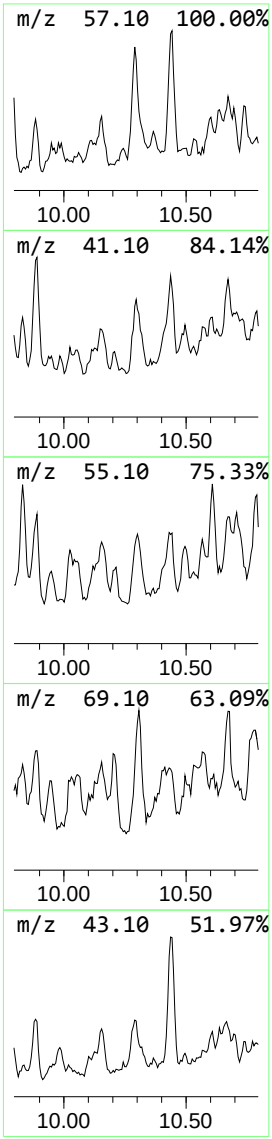
****

Peak Number 12 Heptyl octacosyl ether Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.296	19.22 ng	303889	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl octacosyl ether	509	C35H72O	1000406-40-0	58
2	Heptyl hexacosyl ether	481	C33H68O	1000406-39-9	58
3	Heptyl tetracosyl ether	452	C31H64O	1000406-39-8	58
4	Heptyl triacontyl ether	537	C37H76O	1000406-40-1	58
5	Docosyl heptyl ether	424	C29H60O	1000406-39-7	52





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLIND-DUPLICATE

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

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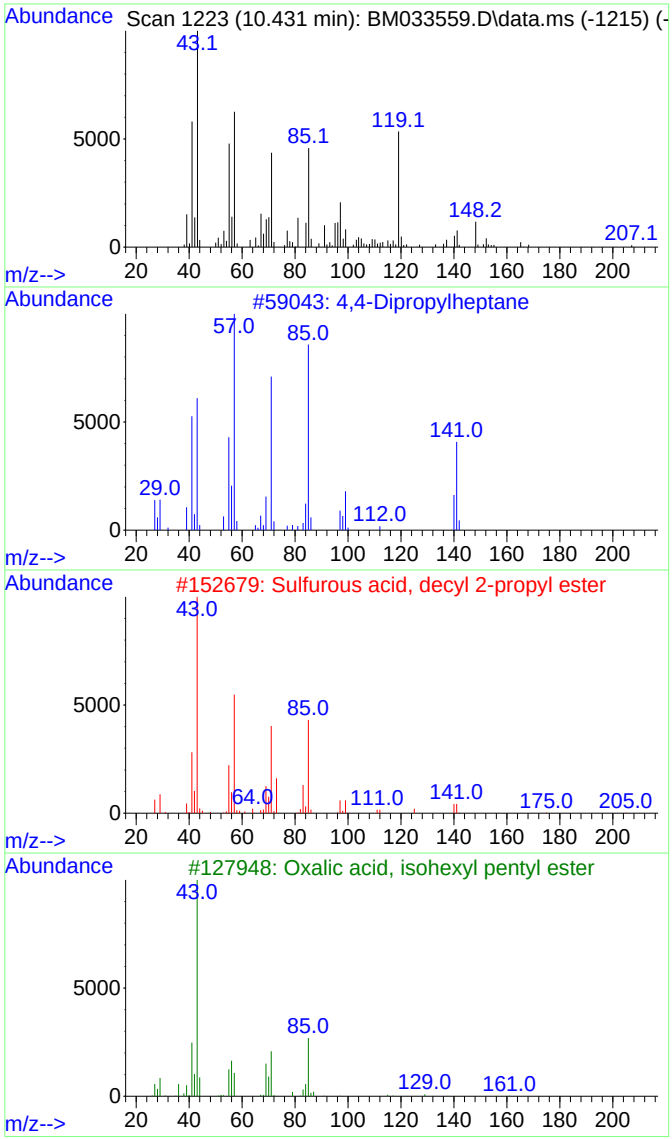
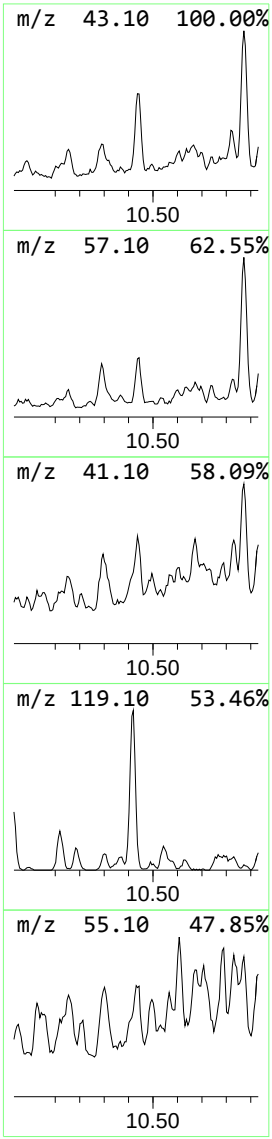
Peak Number 13 unknown10.431 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.431	23.02 ng	363978	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dipropylheptane	184	C13H28	017312-72-0	43
2	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	38
3	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	35
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	35
5	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	35





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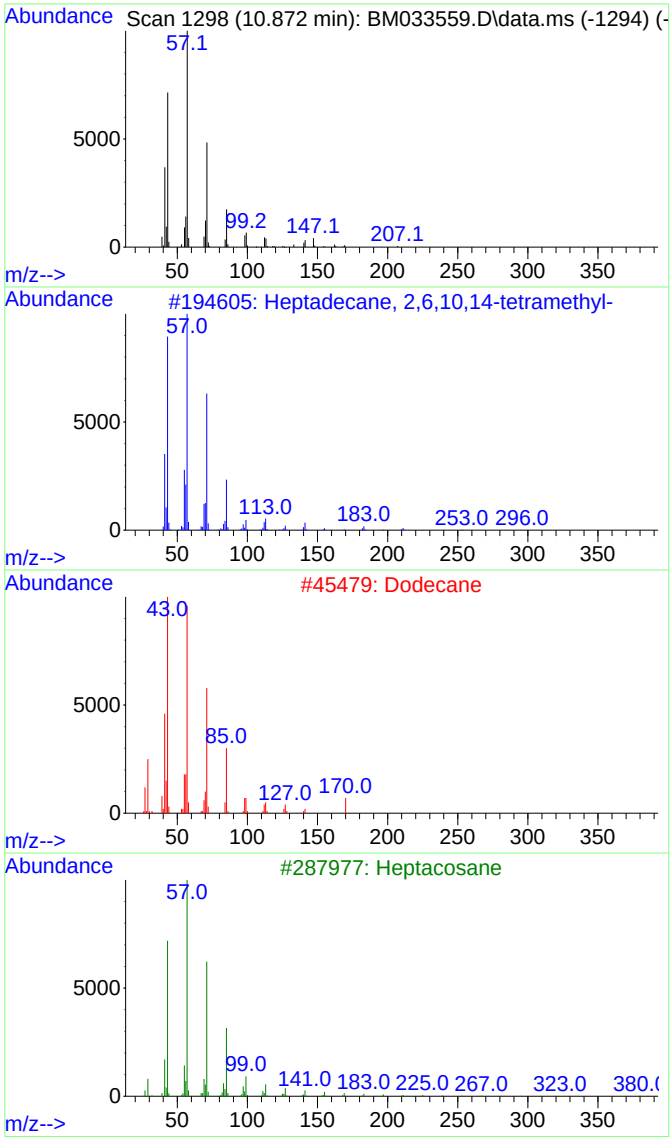
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

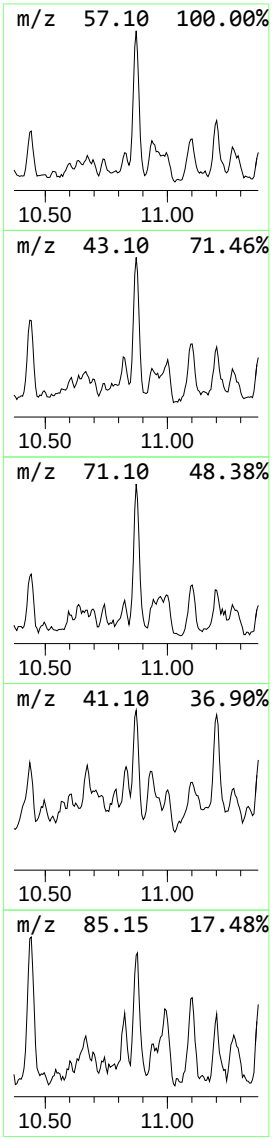
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Heptadecane, 2,6,10,14-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.872	17.33 ng	274014	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
2	Dodecane	170	C12H26	000112-40-3	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





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ALS Vial : 12 Sample Multiplier: 1

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

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TIC Integration Parameters: LSCINT.P

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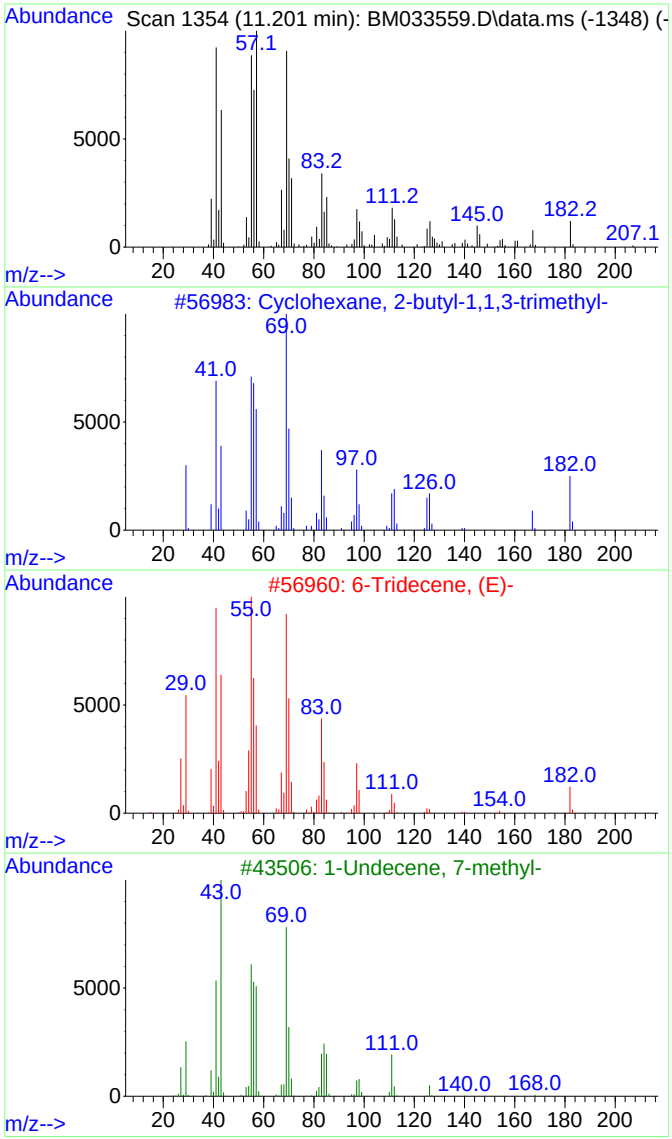
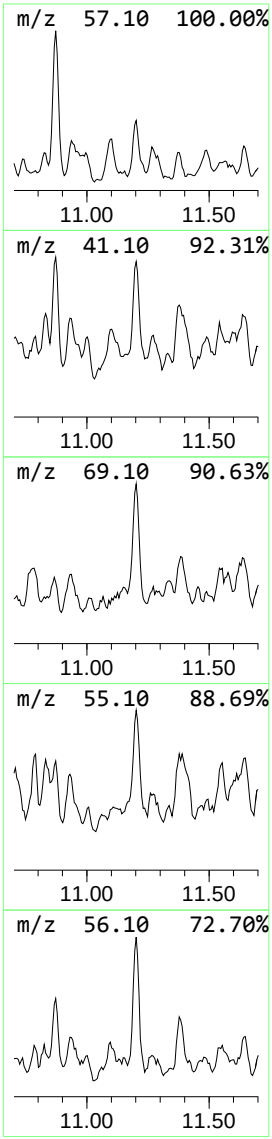
Peak Number 15 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.201	25.39 ng	401375	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	93
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	90
3	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	80
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	62
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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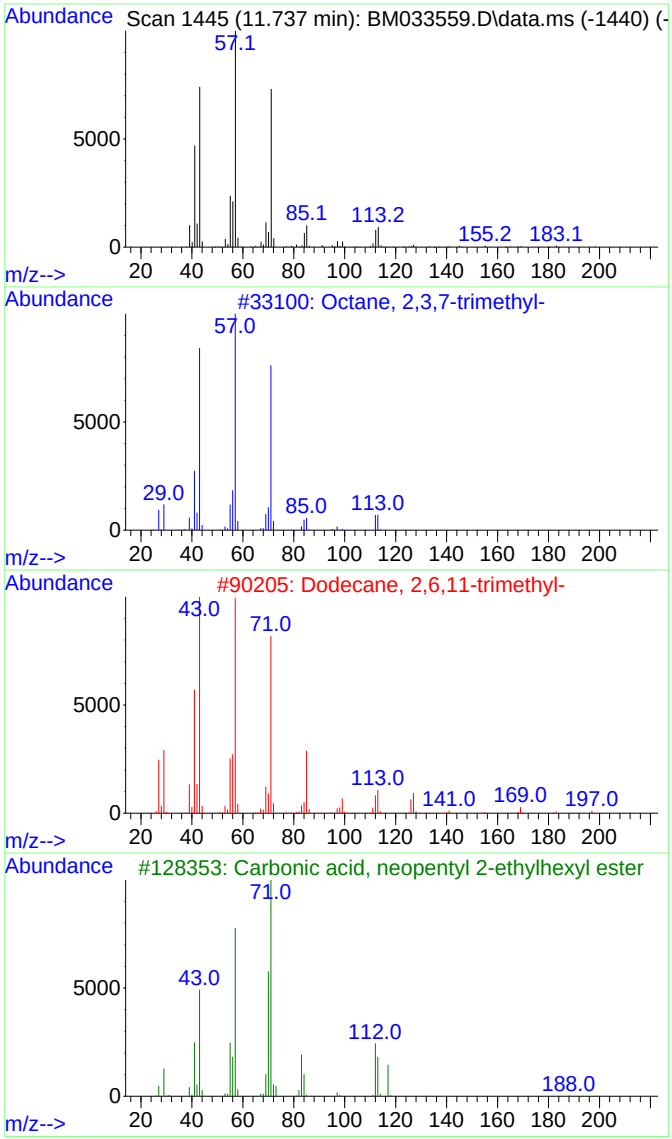
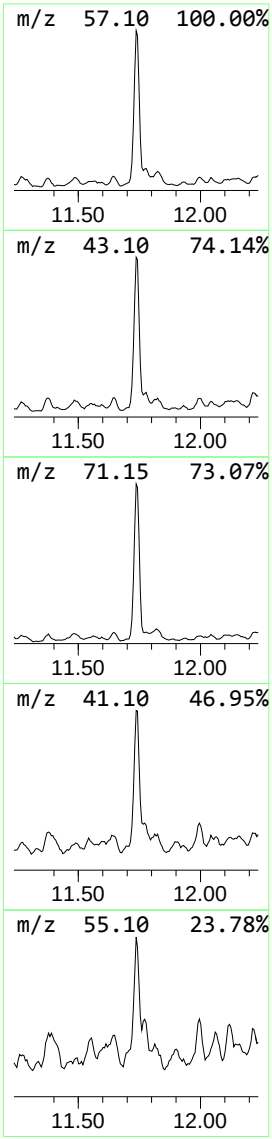
Peak Number 16 Octane, 2,3,7-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.737	76.83 ng	1214620	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72





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Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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

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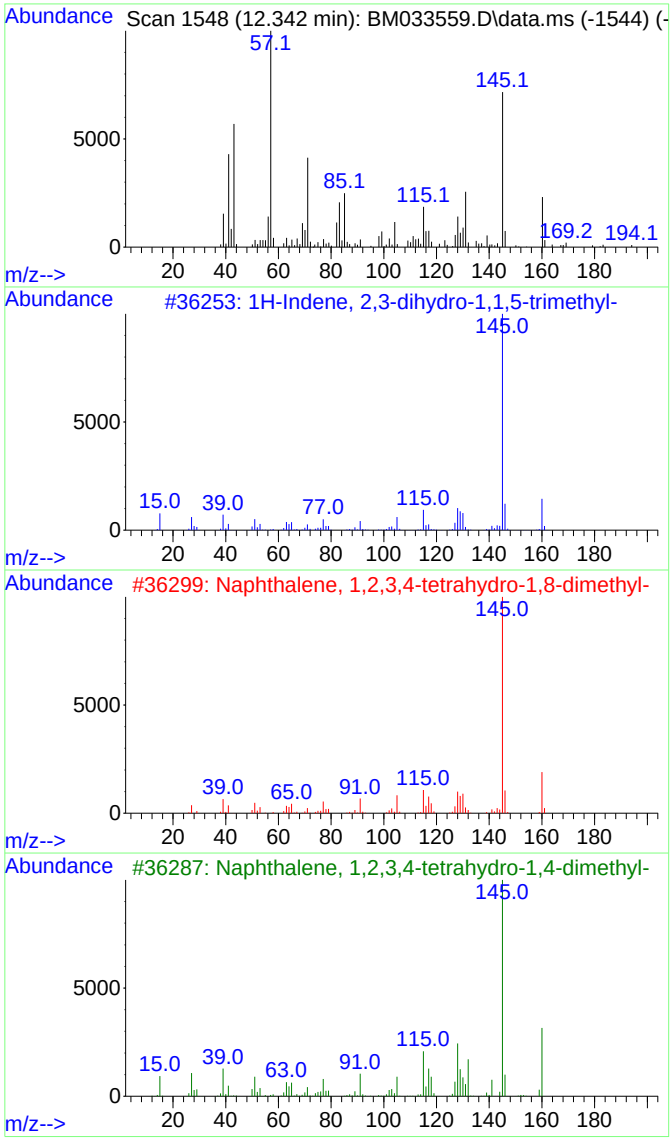
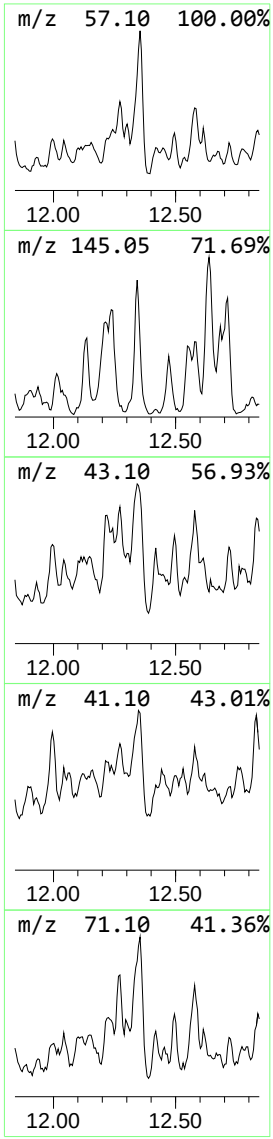
Peak Number 17 unknown12.342 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	36.59 ng	578426	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	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	42
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38
4	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	38
5	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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

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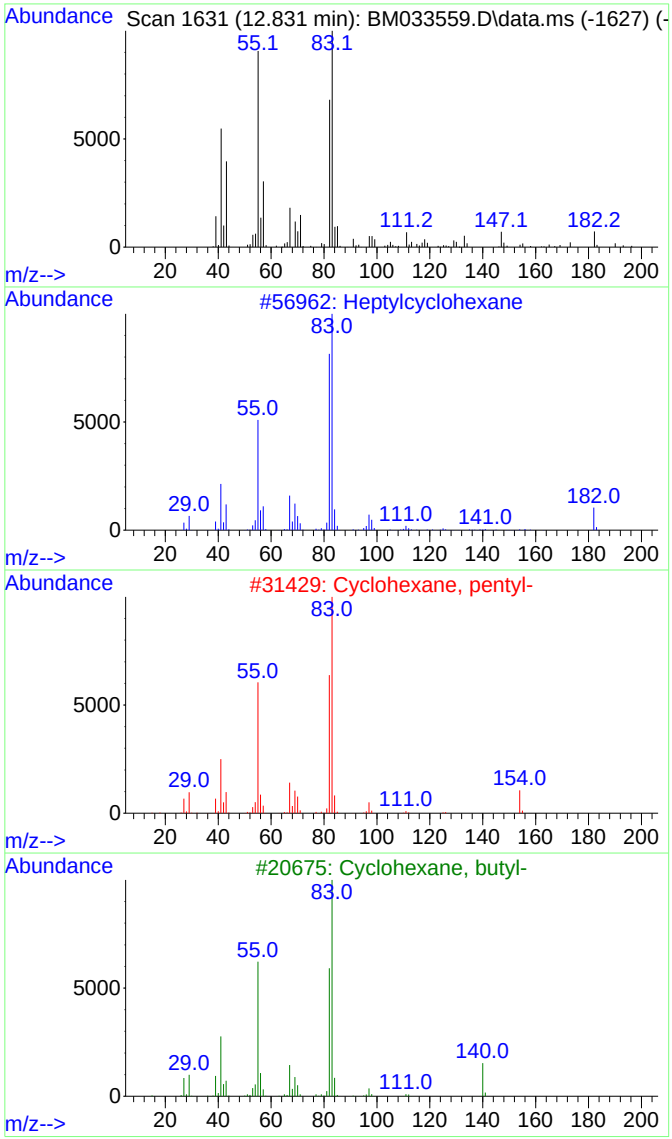
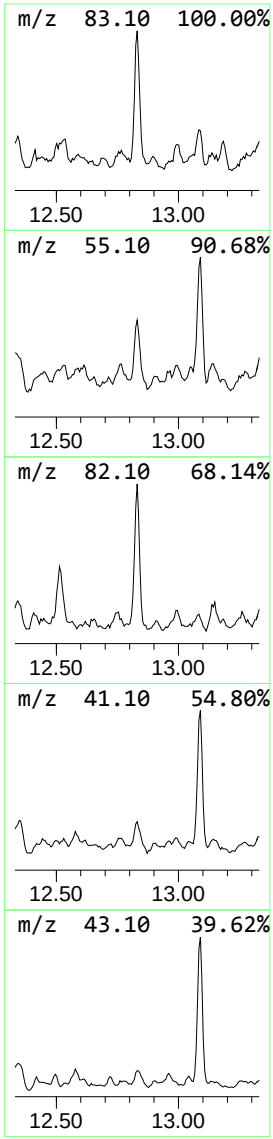
Peak Number 18 Heptylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	16.12 ng	361038	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	83
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





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Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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

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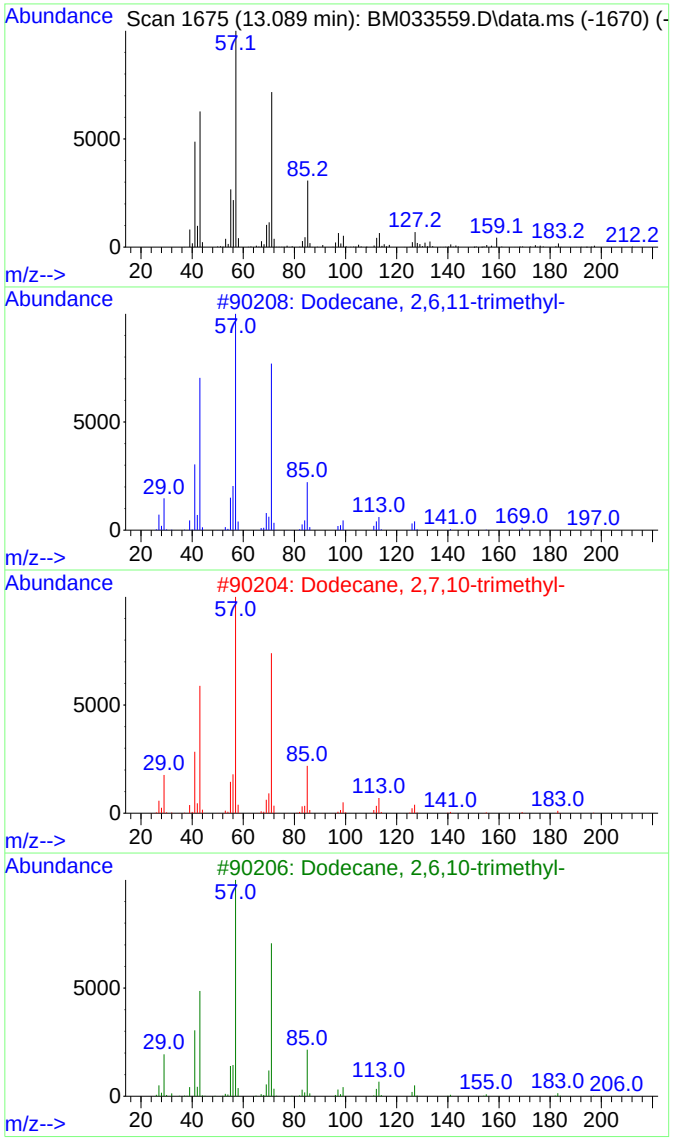
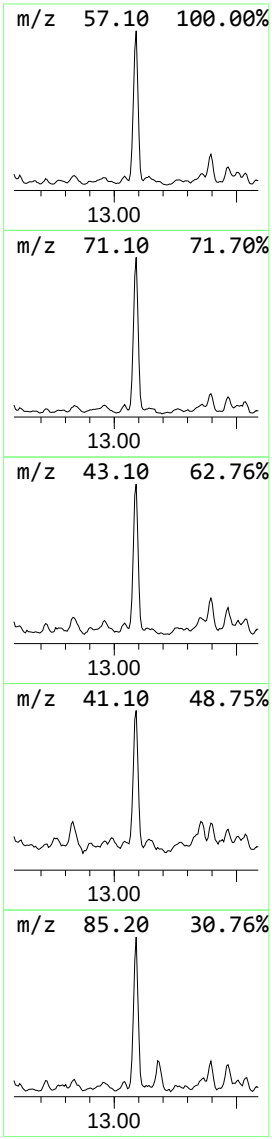
Peak Number 19 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.089	55.51 ng	1243560	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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

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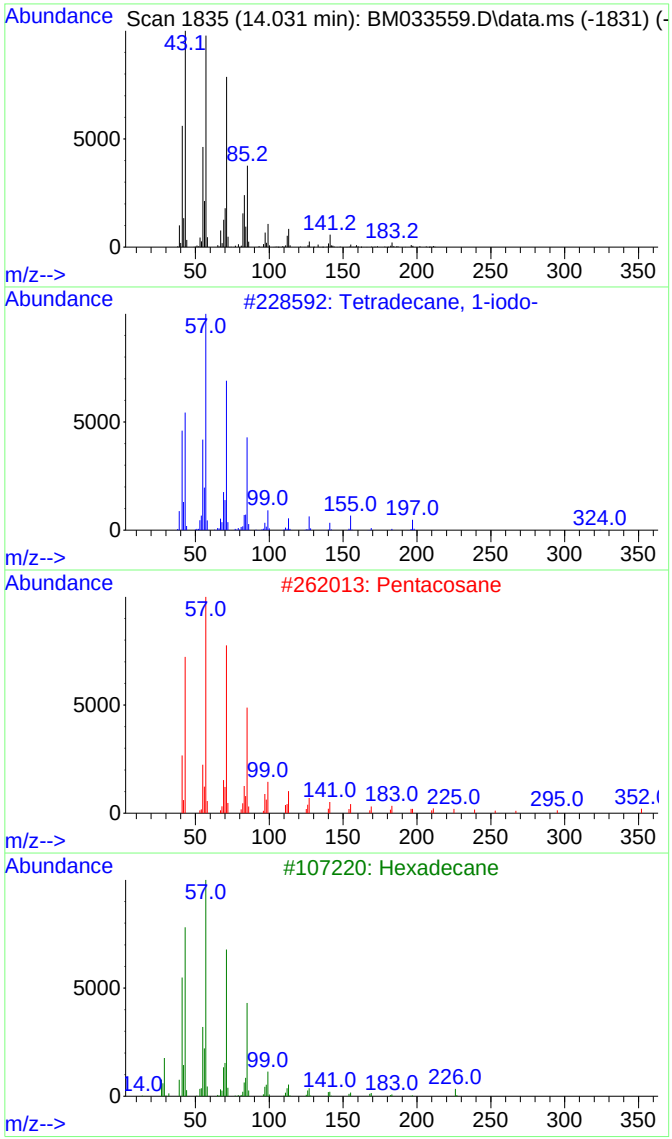
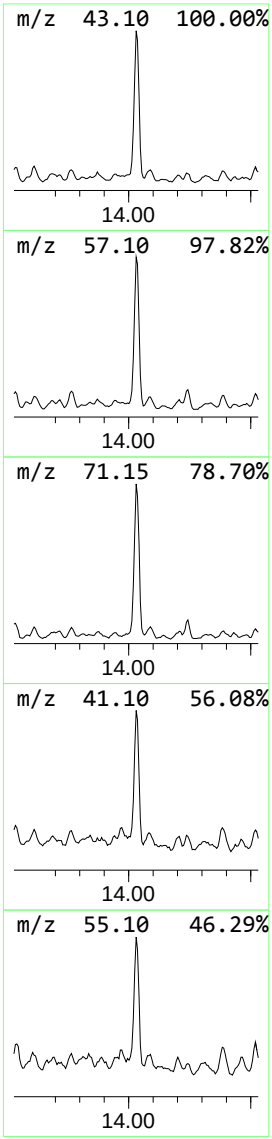
Peak Number 20 Tetradecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	43.44 ng	973136	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
2	Pentacosane	352	C25H52	000629-99-2	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Tetradecane	198	C14H30	000629-59-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033559.D
Acq On : 21 Dec 2021 18:14
Operator : CG/JU
Sample : M5182-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE

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
unknown6.378	6.378	16.5	ng	130827	1	7.913	158658	20.0
1-Docosene	6.531	23.1	ng	183558	1	7.913	158658	20.0
Benzeneacetalde...	7.807	25.1	ng	198736	1	7.913	158658	20.0
unknown8.090	8.090	16.9	ng	134373	1	7.913	158658	20.0
4-Isopropyl-1,3...	8.460	17.2	ng	136350	1	7.913	158658	20.0
Naphthalene, de...	8.737	21.7	ng	172077	1	7.913	158658	20.0
Benzene, 2-ethy...	9.013	54.0	ng	428556	1	7.913	158658	20.0
Sulfurous acid,...	9.219	21.4	ng	170036	1	7.913	158658	20.0
unknown9.254	9.254	33.1	ng	262398	1	7.913	158658	20.0
trans-Decalin, ...	9.625	19.6	ng	309031	2	10.719	316183	20.0
1-Methyldecahyd...	9.890	35.6	ng	563622	2	10.719	316183	20.0
Heptyl octacosy...	10.296	19.2	ng	303889	2	10.719	316183	20.0
unknown10.431	10.431	23.0	ng	363978	2	10.719	316183	20.0
Heptadecane, 2,...	10.872	17.3	ng	274014	2	10.719	316183	20.0
Cyclohexane, 2-...	11.201	25.4	ng	401375	2	10.719	316183	20.0
Octane, 2,3,7-t...	11.737	76.8	ng	1214620	2	10.719	316183	20.0
unknown12.342	12.342	36.6	ng	578426	2	10.719	316183	20.0
Heptylcyclohexane	12.831	16.1	ng	361038	3	14.560	448043	20.0
Dodecane, 2,6,1...	13.089	55.5	ng	1243560	3	14.560	448043	20.0
Tetradecane, 1-...	14.031	43.4	ng	973136	3	14.560	448043	20.0