LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042469.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.416	202	209	218	rVB2	164582	340861	3.94%	0.310%
2	5.057	313	318	323	rVV2	265601	666567	7.70%	0.606%
3	5.104	323	326	330	rVB	262046	355429	4.10%	0.323%
4	5.340	361	366	369	rBV2	487481	799169	9.23%	0.726%
5	5.475	385	389	392	rVV	432167	626616	7.24%	0.569%
6	5.522	392	397	402	rVB	1161931	1670441	19.29%	1.518%
7	5.581	402	407	420	rVB2	343450	871805	10.07%	0.792%
8	5.716	420	430	436	rVB	238891	448316	5.18%	0.407%
9	5.781	436	441	445	rBV	383740	633180	7.31%	0.575%
10	5.869	452	456	460	rBV	448010	617719	7.13%	0.561%
11	5.916	460	464	467	rVV	797571	1224535	14.14%	1.113%
12	5.951	467	470	475	rVB2	431237	706167	8.16%	0.642%
13	6.192	501	511	516	rBV2	540500	1324285	15.29%	1.203%
14	6.287	524	527	535	rVB3	310913	554369	6.40%	0.504%
15	6.451	545	555	560	rVV4	744647	1771404	20.46%	1.610%
16	6.504	560	564	567	rVV3	222489	371994	4.30%	0.338%
17	6.557	567	573	578	rVV4	1137880	2030191	23.45%	1.845%
18	6.604	578	581	588	rVV4	188841	417885	4.83%	0.380%
19	6.663	588	591	596	rVV	252778	345572	3.99%	0.314%
20	6.734	598	603	607	rVV5	184509	354391	4.09%	0.322%
21	6.851	619	623	626	rVV	198404	318227	3.68%	0.289%
22	6.892	626	630	633	rVV2	595747	885694	10.23%	0.805%
23	6.928	633	636	638	rVV2	407791	602354	6.96%	0.547%
24	6.951	638	640	645	rVB	494863	579473	6.69%	0.527%
25	7.039	651	655	657	rBV	419829	585206	6.76%	0.532%
26	7.063	657	659	668	rVB4	685640	1329601	15.36%	1.208%
27	7.139	668	672	676	rBV	886397	1295284	14.96%	1.177%
28	7.175	676	678	682	rVB	323445	345969	4.00%	0.314%
29	7.239	686	689	696	rVB2	227663	308516	3.56%	0.280%
30	7.345	703	707	710	rVV	386492	603987	6.98%	0.549%
31	7.410	714	718	722	rBV	410581	521907	6.03%	0.474%
32	7.492	728	732	735	rBV2	220913	321426	3.71%	0.292%
33	7.534	735	739	745	rVB	1141765	1623867	18.75%	1.476%
34	7.604	745	751	755	rBV	920044	1397735	16.14%	1.270%
35	7.651	755	759	764	rVB3	358386	575423	6.65%	0.523%
36	7.834	785	790	792	rVV5	272435	522615	6.04%	0.475%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.881	795	798	809	rVB	698320	1180579	13.63%	1.073%
38	7.992	809	817	823	rVB2	949970	1708048	19.73%	1.552%
39	8.086	828	833	842	rVV3	572396	1283422	14.82%	1.166%
40	8.163	842	846	851	rVV2	495032	694437	8.02%	0.631%
41	8.222	851	856	860	rVV2	468308	746488	8.62%	0.678%
42	8.269	860	864	869	rVB3	199828	332681	3.84%	0.302%
43	8.357	870	879	885	rVB3	243774	689564	7.96%	0.627%
44	8.439	885	893	896	rBV3	360380	755375	8.72%	0.686%
45	8.504	900	904	911	rVB2	759930	1400891	16.18%	1.273%
46	8.598	911	920	925	rBV4	661172	1513276	17.48%	1.375%
47	8.681	930	934	937	rBV	216681	298161	3.44%	0.271%
48	8.786	944	952	957	rBV2	612149	1381470	15.96%	1.255%
49	8.910	969	973	978	rBV2	237970	393593	4.55%	0.358%
50	8.963	978	982	986	rVV2	210994	360499	4.16%	0.328%
51	9.045	992	996	997	rVV2	282691	435144	5.03%	0.395%
52	9.069	997	1000	1006	rVV2	401202	785615	9.07%	0.714%
53	9.145	1006	1013	1017	rVV4	799175	1609419	18.59%	1.462%
54	9.186	1017	1020	1027	rVV	745931	1228706	14.19%	1.117%
55	9.251	1027	1031	1034	rVV4	181660	359074	4.15%	0.326%
56	9.298	1035	1039	1046	rVV5	346538	815759	9.42%	0.741%
57	9.398	1047	1056	1062	rVV7	229220	652124	7.53%	0.593%
58	9.475	1062	1069	1075	rVV8	169748	480946	5.55%	0.437%
59	9.557	1075	1083	1086	rVV5	232321	651208	7.52%	0.592%
60	9.592	1086	1089	1094	rVV	184019	299752	3.46%	0.272%
61	9.675	1094	1103	1110	rVB4	706045	1586301	18.32%	1.441%
62	9.851	1127	1133	1143	rVB5	245596	693213	8.01%	0.630%
63	9.939	1143	1148	1151	rBV	406874	725338	8.38%	0.659%
64	10.045	1160	1166	1175	rBV6	263572	794501	9.18%	0.722%
65	10.145	1176	1183	1185	rVV4	185452	418180	4.83%	0.380%
66	10.175	1185	1188	1193	rVV	352609	568651	6.57%	0.517%
67	10.233	1193	1198	1204	rVB3	172687	379736	4.39%	0.345%
68	10.339	1210	1216	1221	rVB6	142670	324533	3.75%	0.295%
69	10.428	1222	1231	1235	rBV	219645	470475	5.43%	0.428%
70	10.533	1242	1249	1253	rBV3	155867	340972	3.94%	0.310%
71	10.663	1263	1271	1273	rBV5	167956	400376	4.62%	0.364%
72	10.698	1273	1277	1285	rVV2	411699	960367	11.09%	0.873%
73	10.769	1285	1289	1291	rVV2	226164	385230	4.45%	0.350%
74	10.810	1291	1296	1303	rVV	1045003	2045162	23.62%	1.858%
75	10.880	1304	1308	1316	rVB5	404809	845695	9.77%	0.768%
76	10.957	1316	1321	1333	rBV8	161000	558708	6.45%	0.508%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.445	1400	1404	1408	rBV4	297609	488413	5.64%	0.444%
78	11.569	1421	1425	1434	rVB8	147447	351887	4.06%	0.320%
79	11.745	1451	1455	1459	rBV3	213777	324705	3.75%	0.295%
80	11.804	1459	1465	1469	rBV5	156212	435883	5.03%	0.396%
81	11.945	1485	1489	1493	rBV3	301283	513631	5.93%	0.467%
82	12.016	1498	1501	1505	rVB4	229023	353144	4.08%	0.321%
83	12.151	1521	1524	1528	rVB3	257035	320735	3.70%	0.291%
84	12.216	1531	1535	1541	rVV6	255997	577253	6.67%	0.525%
85	12.563	1590	1594	1597	rBV2	345873	636975	7.36%	0.579%
86	13.039	1671	1675	1679	rBV2	855228	1200281	13.86%	1.091%
87	13.098	1682	1685	1691	rBV4	448806	719664	8.31%	0.654%
88	13.192	1698	1701	1706	rVB2	711674	979930	11.32%	0.890%
89	13.257	1708	1712	1717	rVV	1306448	2001293	23.11%	1.819%
90	13.363	1725	1730	1736	rBV2	1670408	3667277	42.35%	3.332%
91	13.792	1800	1803	1805	rBV2	1072075	1501660	17.34%	1.365%
92	13.957	1827	1831	1836	rBV	1157643	2366823	27.34%	2.151%
93	14.016	1836	1841	1845	rBV	4504213	6671824	77.05%	6.063%
94	14.333	1890	1895	1899	rBV3	3554676	6623948	76.50%	6.019%
95	14.427	1906	1911	1916	rVB	5113043	8658538	100.00%	7.868%
96	15.398	2072	2076	2084	rVB4	3158585	5594762	64.62%	5.084%
97	24.038	3541	3545	3551	rVB	729683	1313108	15.17%	1.193%
98	24.180	3565	3569	3580	rVB3	660676	1309341	15.12%	1.190%
99	24.662	3646	3651	3663	rVB	666318	1643598	18.98%	1.494%
100	26.326	3927	3934	3952	rVB	773797	2292262	26.47%	2.083%

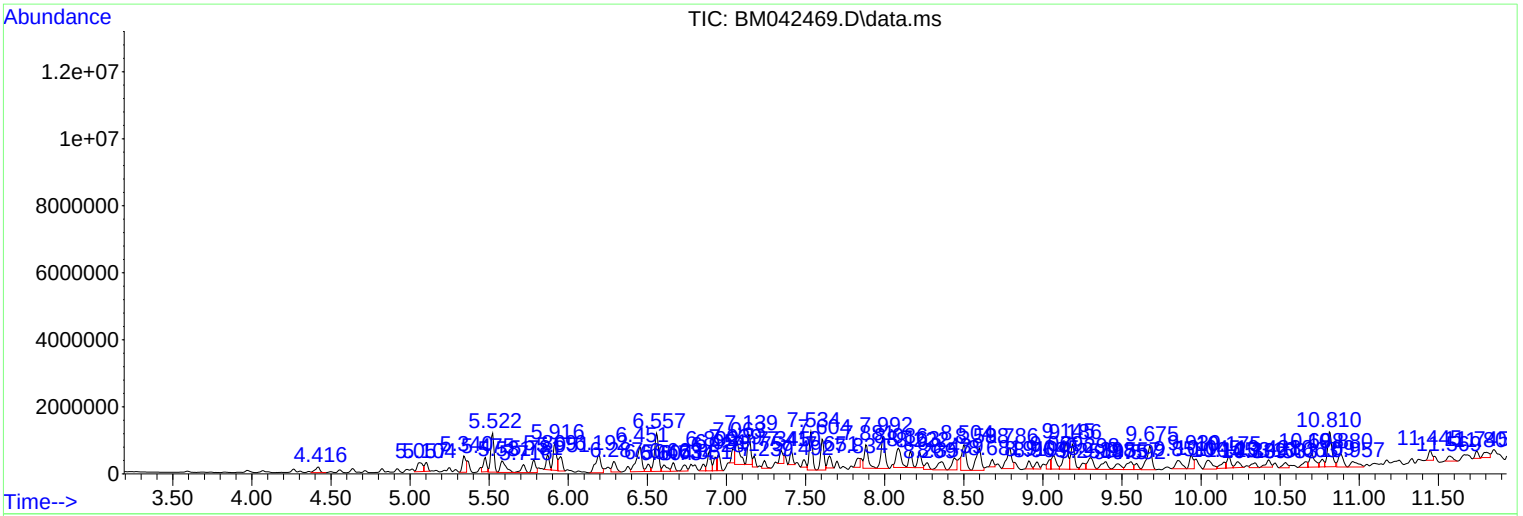
Sum of corrected areas: 110048784

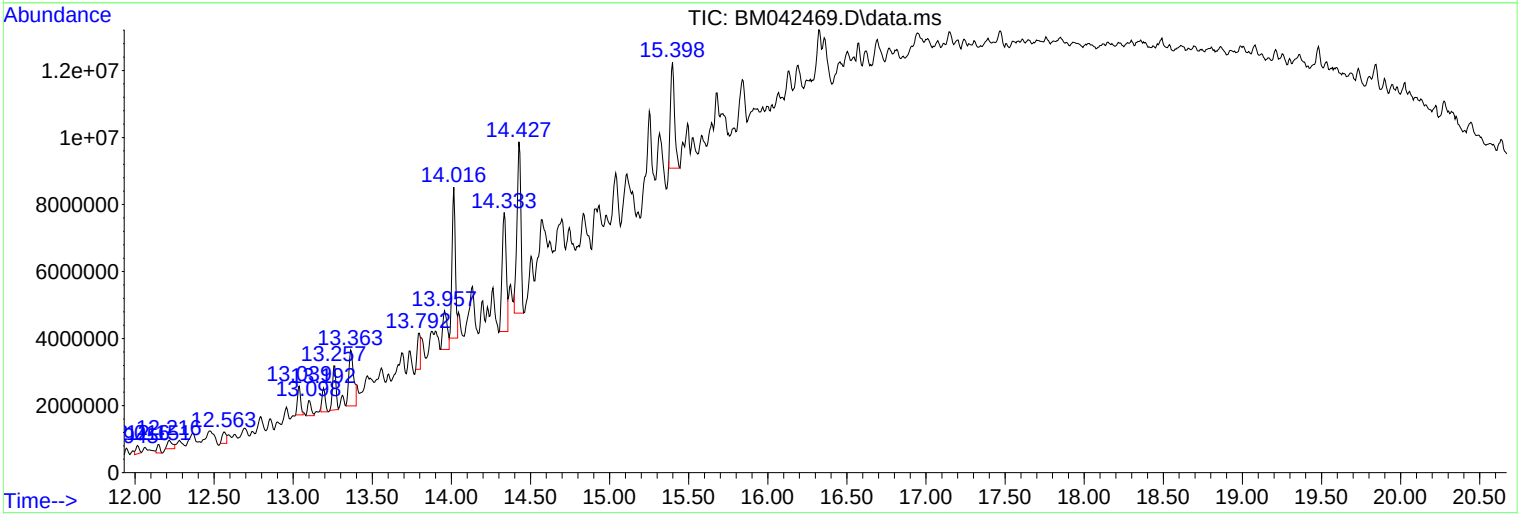
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

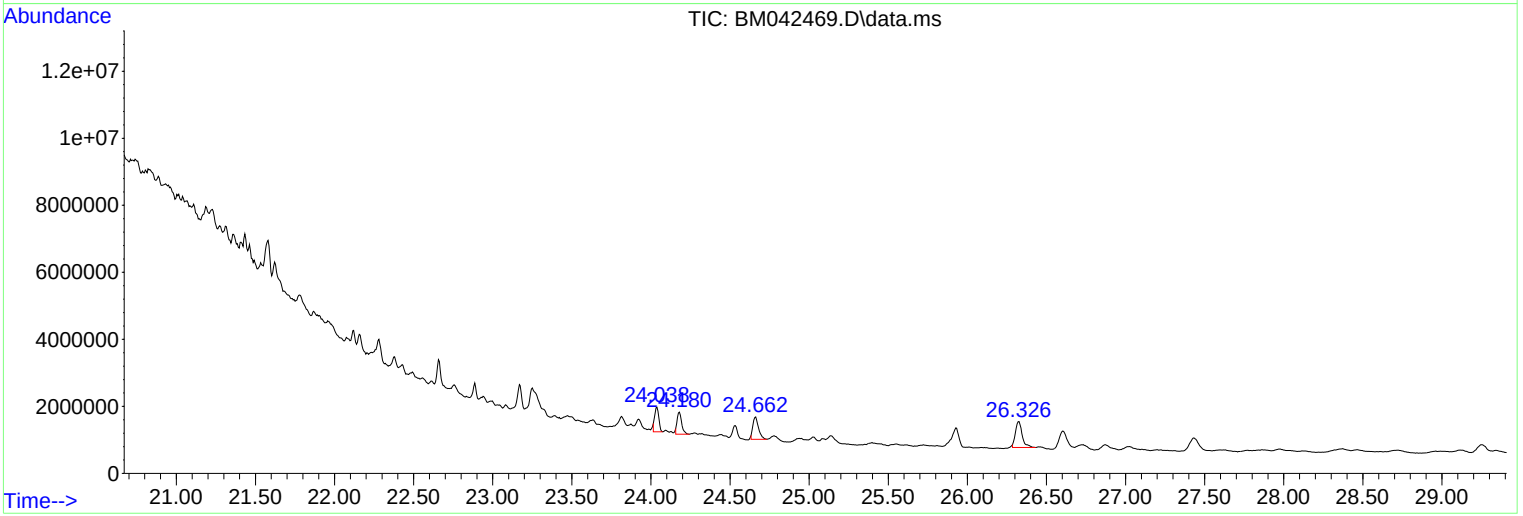
Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

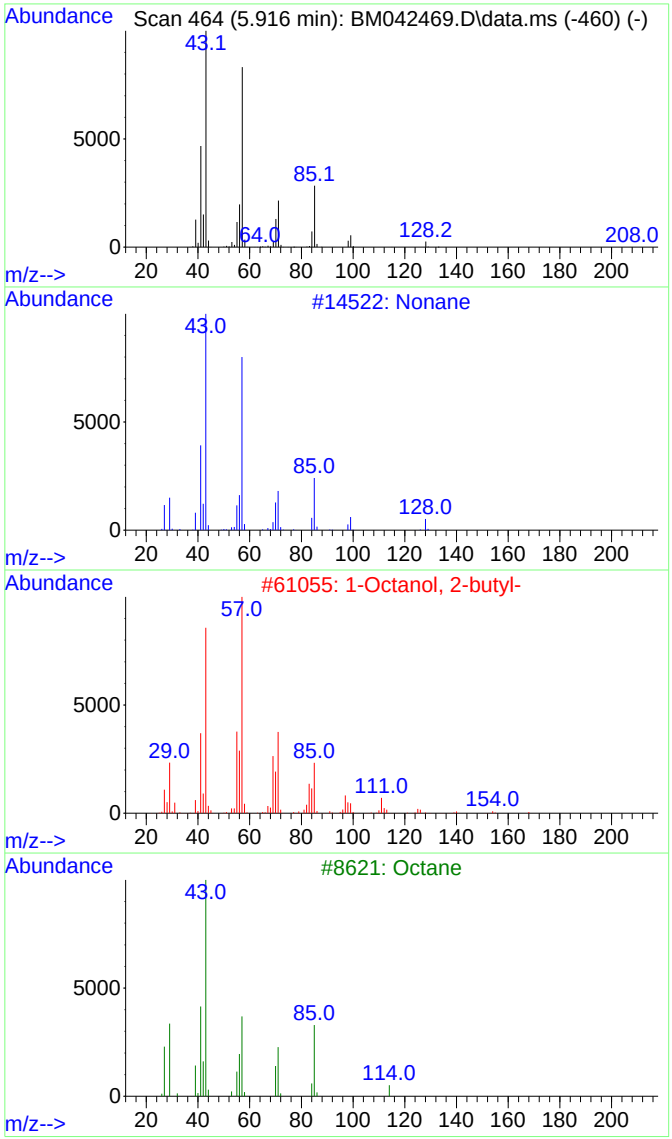
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

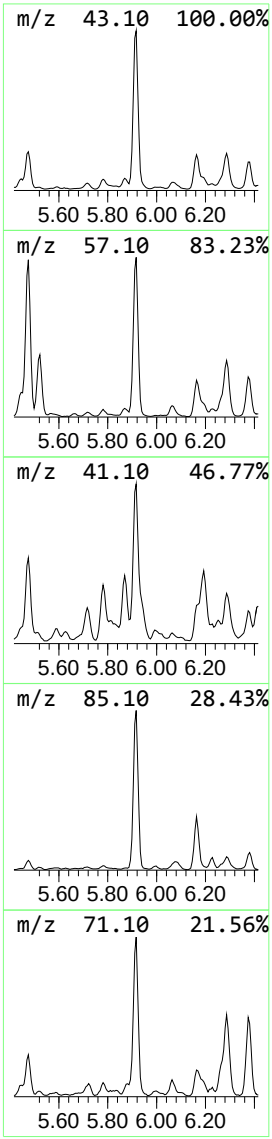
****

Peak Number 1 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	14.34 ng	1224540	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3	Octane	114	C8H18	000111-65-9	64
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
5	Decane	142	C10H22	000124-18-5	59





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

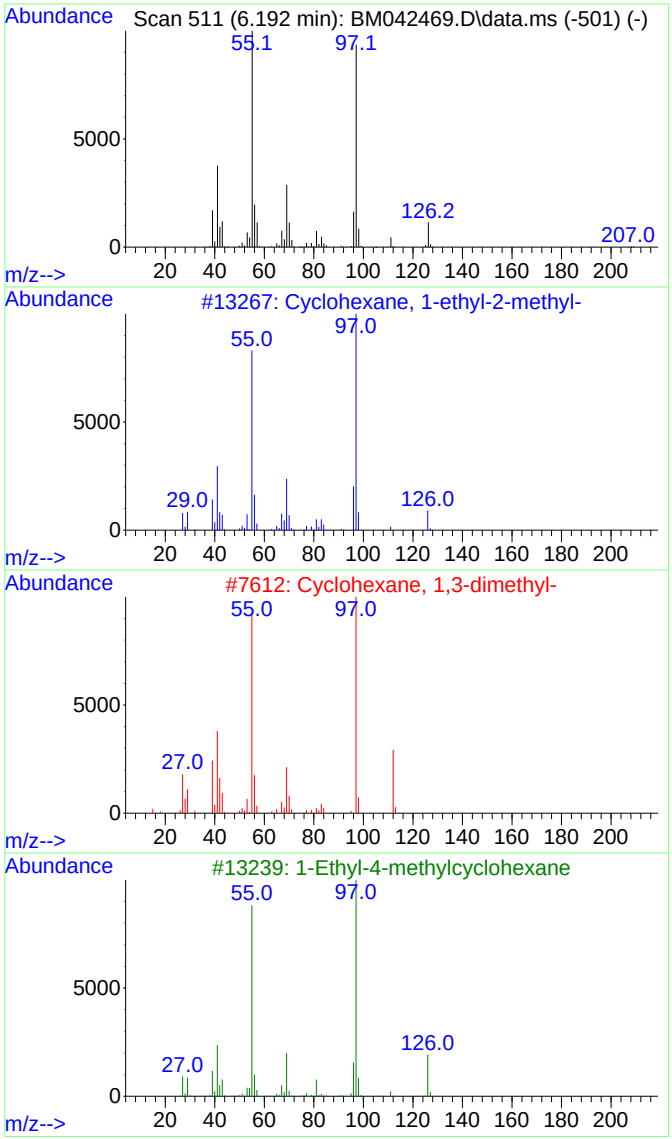
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

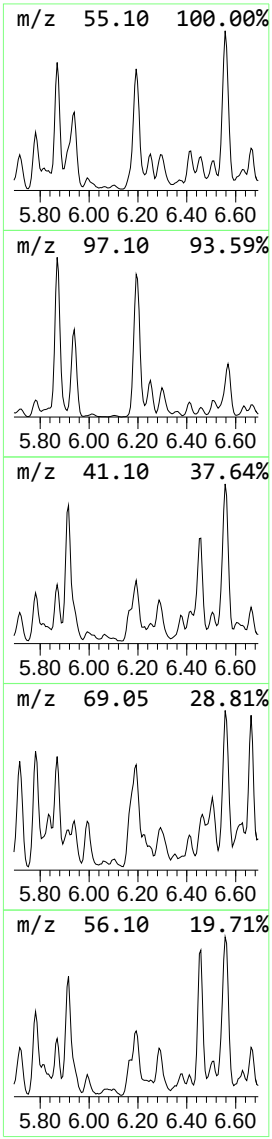
****

Peak Number 2 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.192	15.51 ng	1324290	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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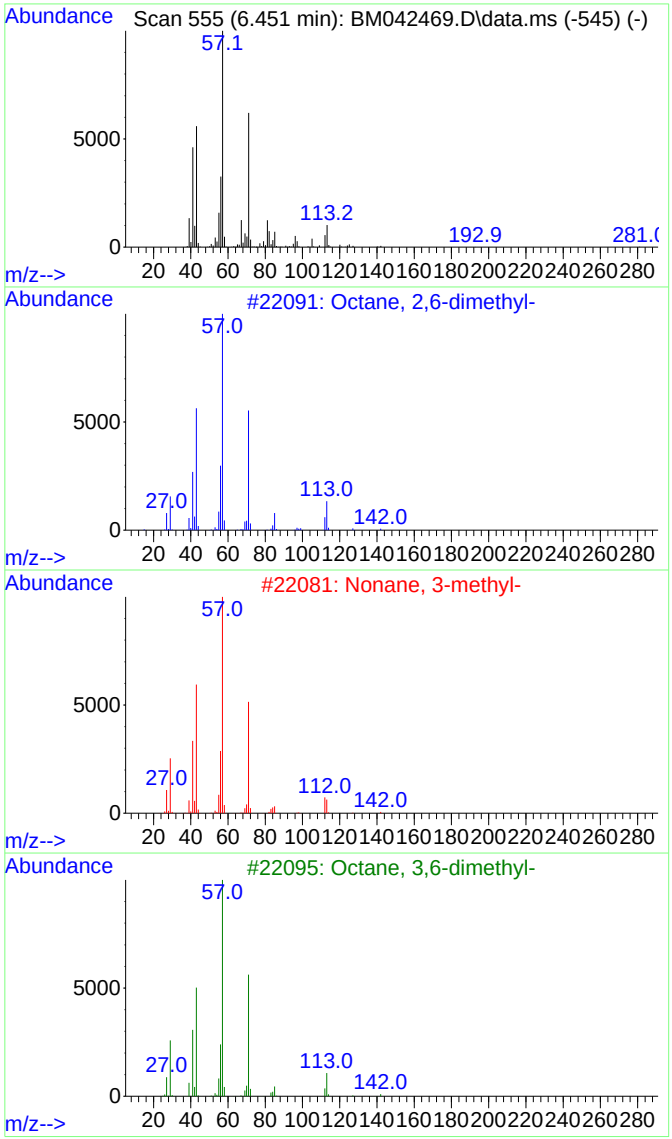
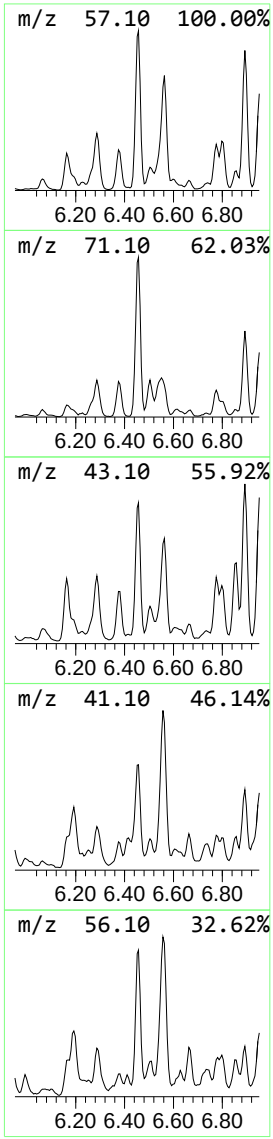
Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.451	20.74 ng	1771400	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
5	Hexadecane	226	C16H34	000544-76-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

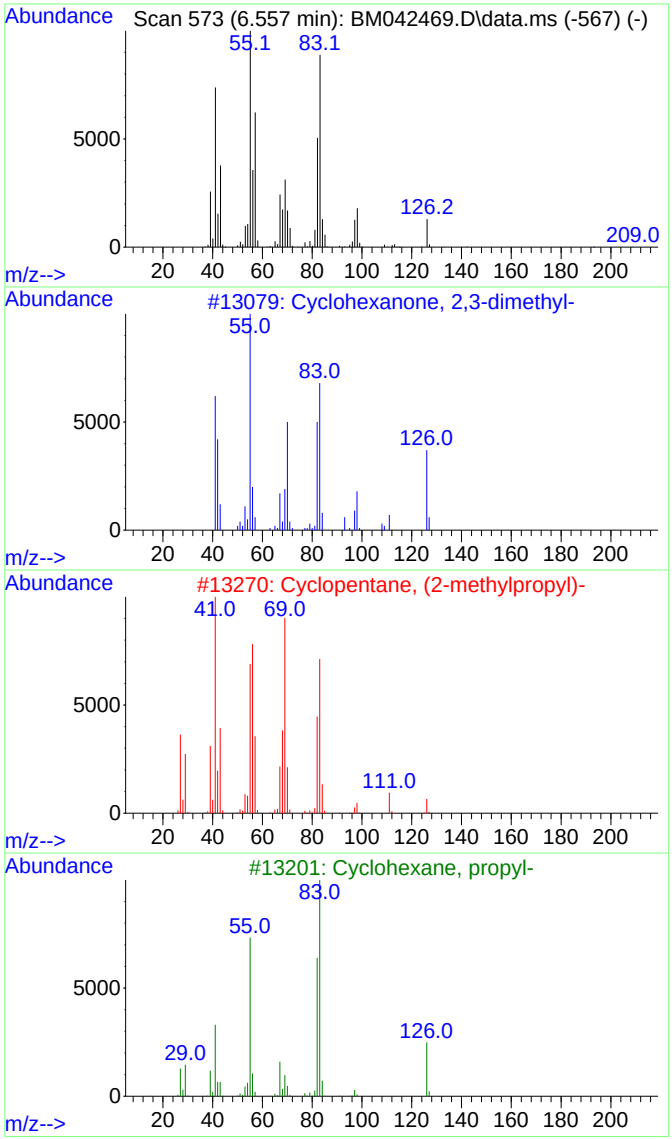
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

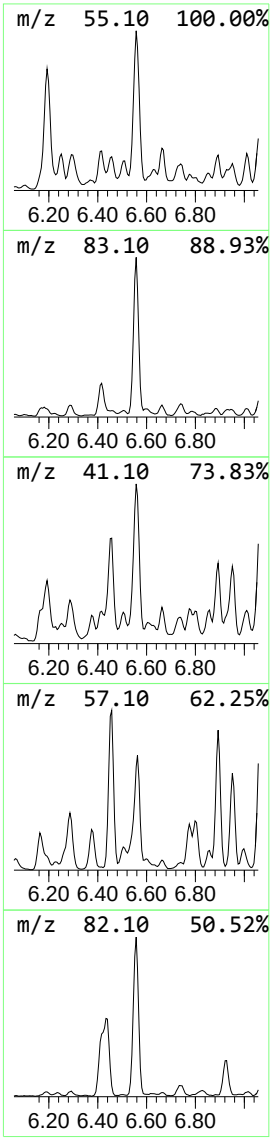
****

Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	23.77 ng	2030190	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	52
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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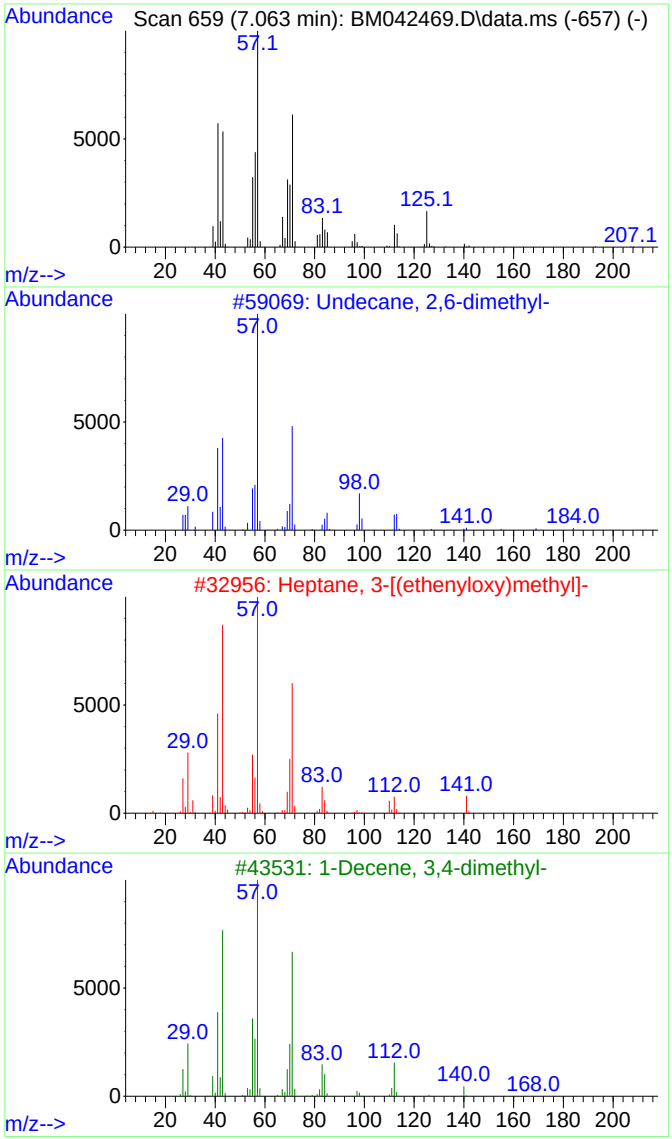
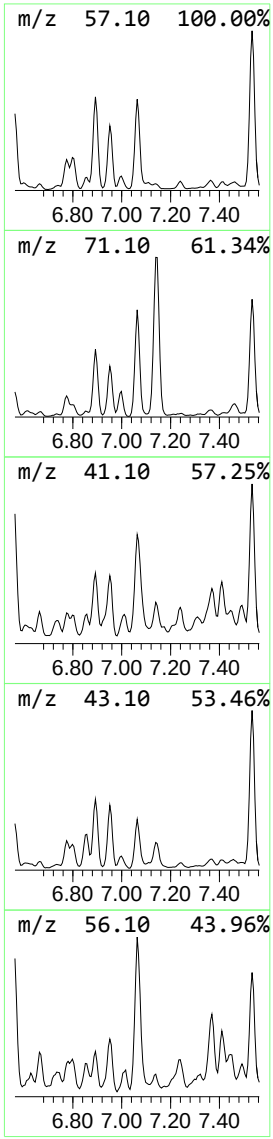
Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	15.57 ng	1329600	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	50
3	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	47
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	47
5	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	43





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Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

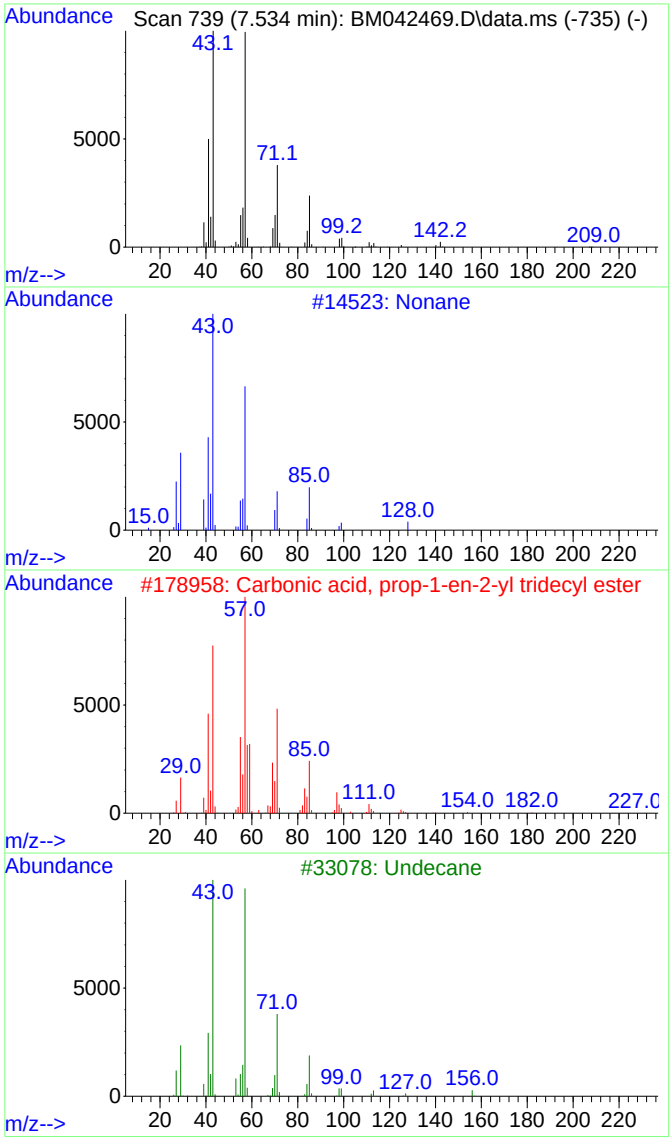
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

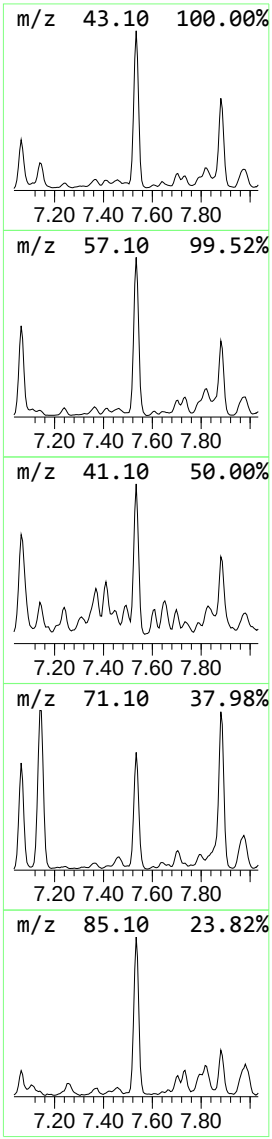
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carbonic acid, prop-1-en-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.534	19.01 ng	1623870	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
3	Undecane	156	C11H24	001120-21-4	83
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72





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Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

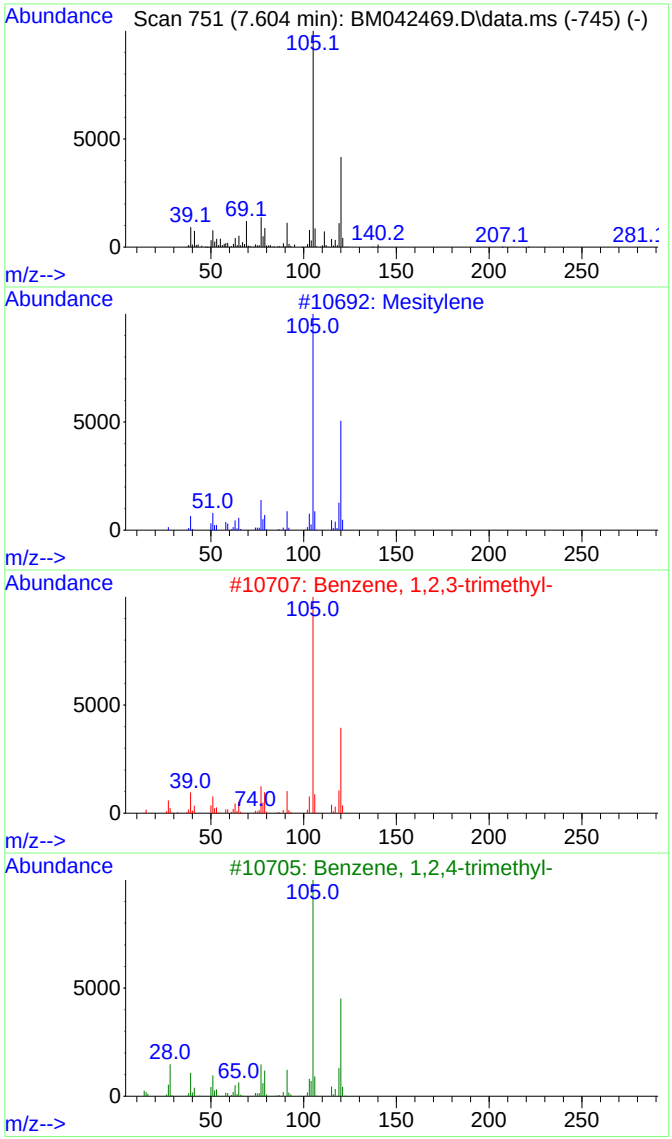
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

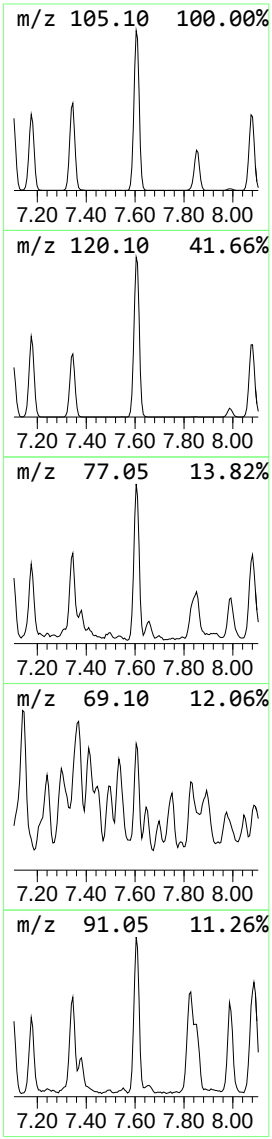
****

Peak Number 7 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	16.37 ng	1397740	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





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Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

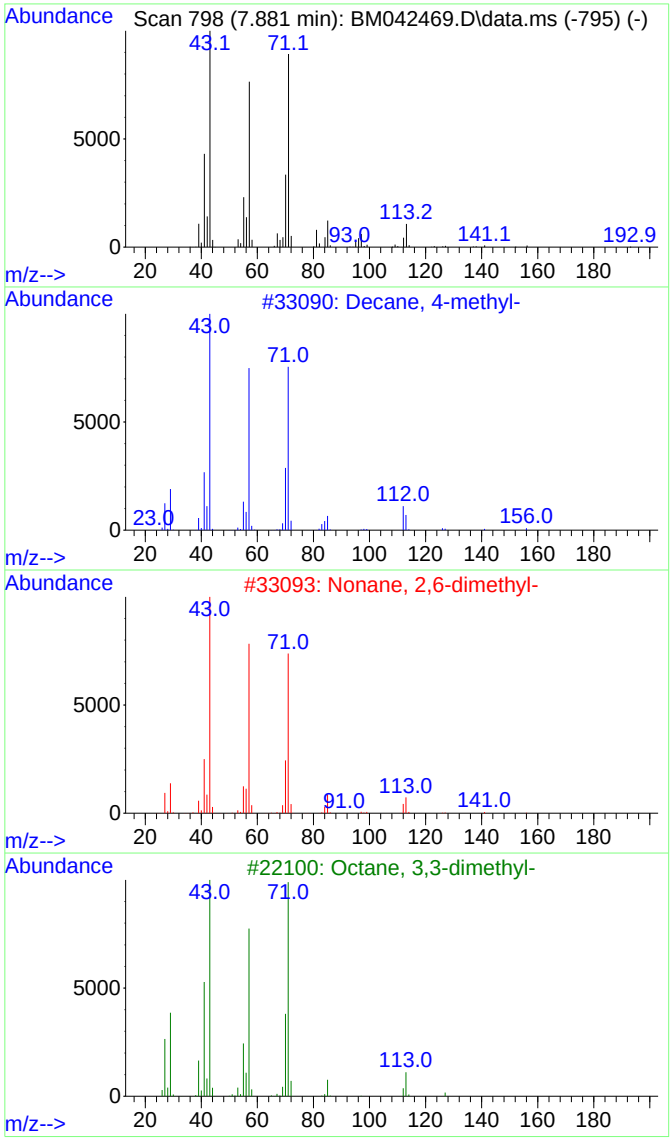
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

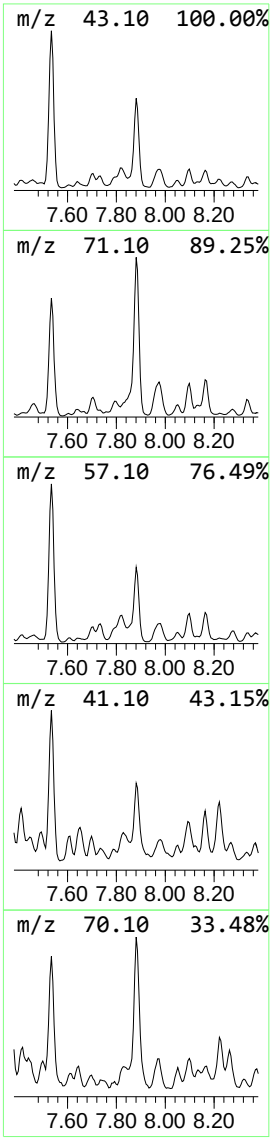
****

Peak Number 8 Decane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	13.82 ng	1180580	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	80
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	72





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Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

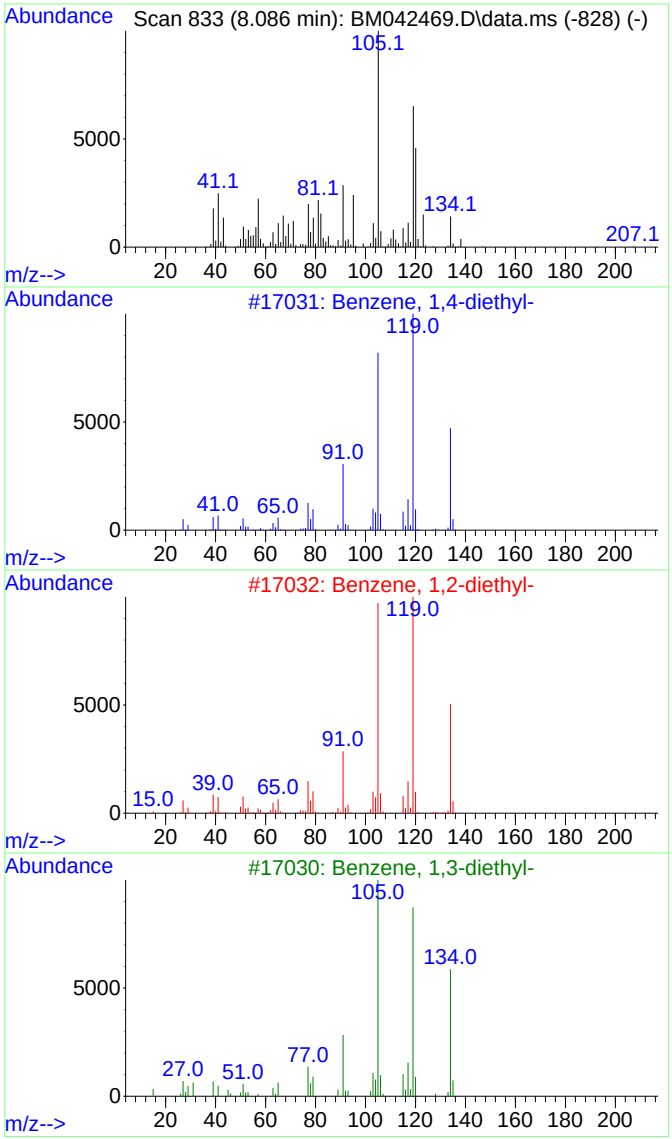
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

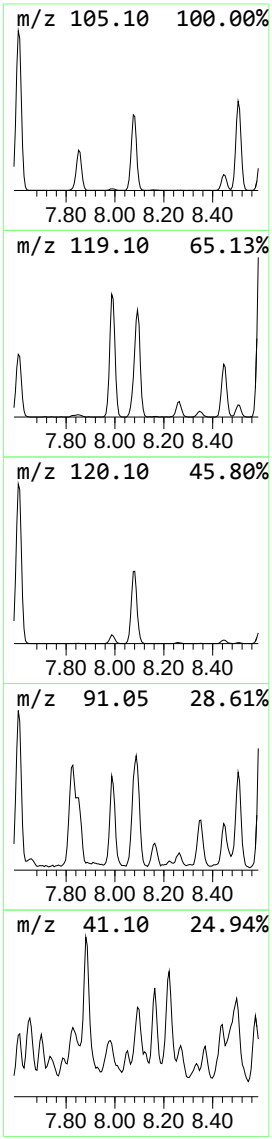
****

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.086	15.03 ng	1283420	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	78
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	53
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
5	Mesitylene	120	C9H12	000108-67-8	50





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Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

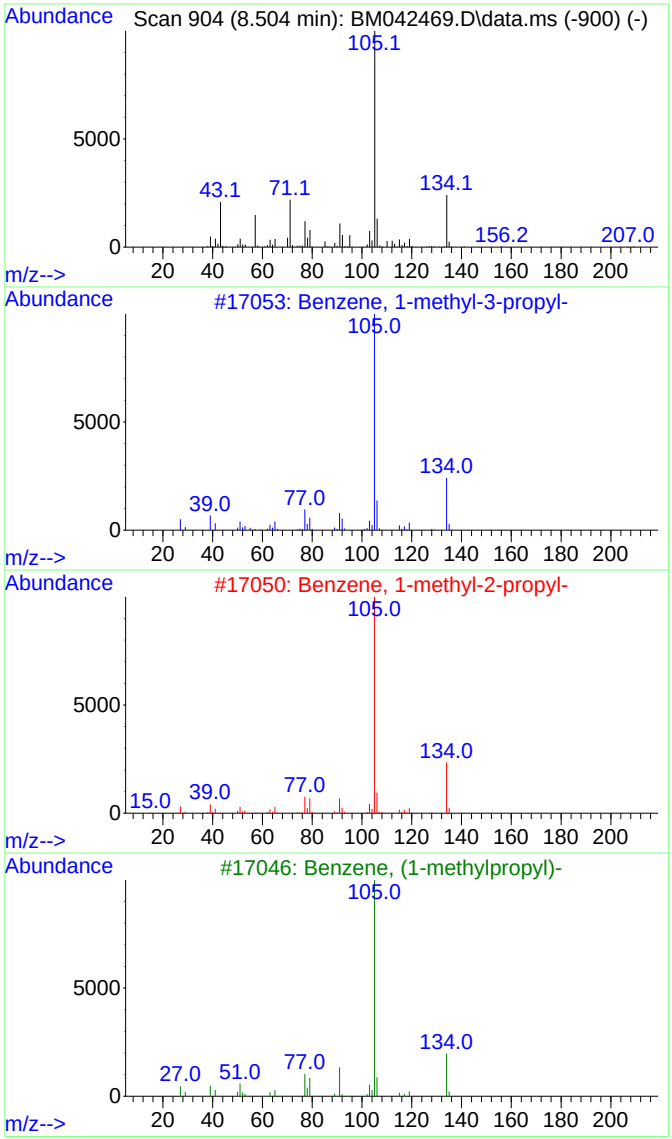
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

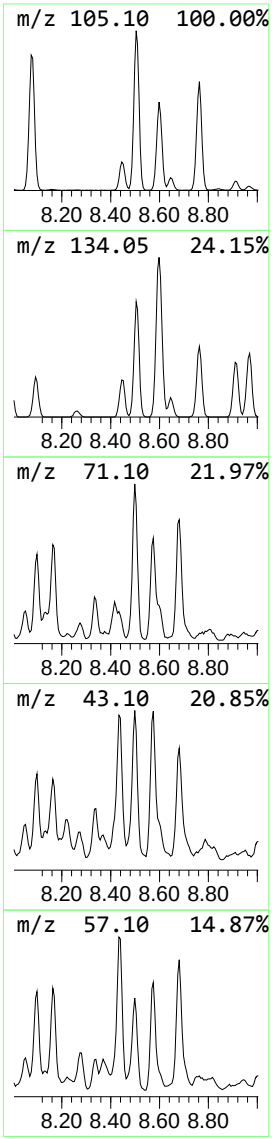
****

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	16.40 ng	1400890	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53





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Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

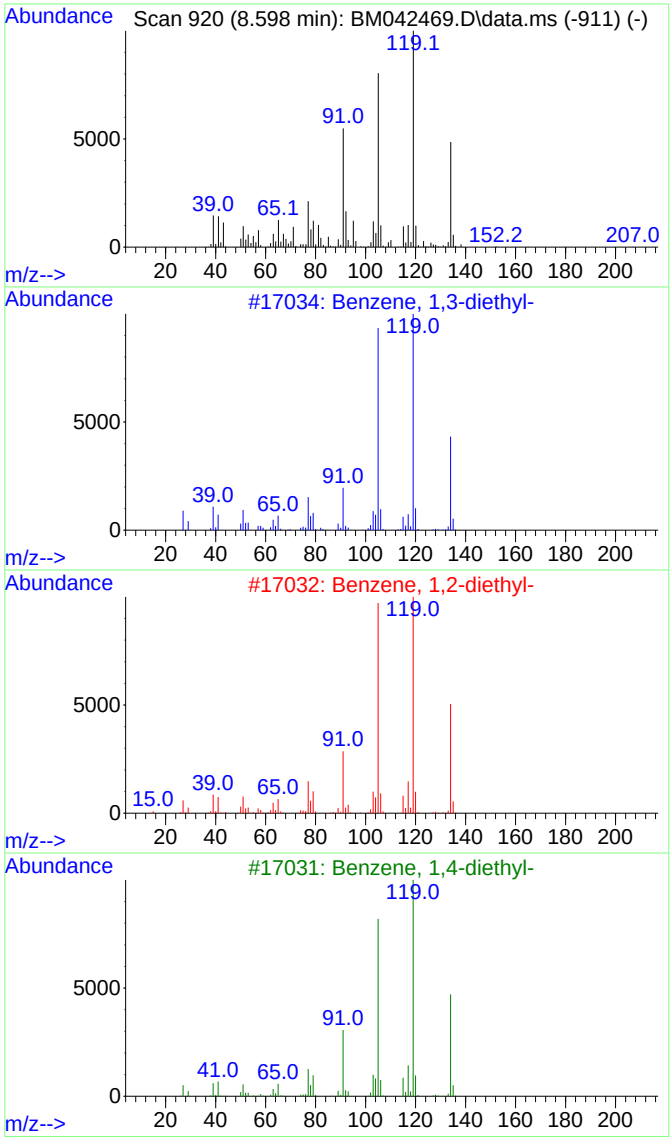
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

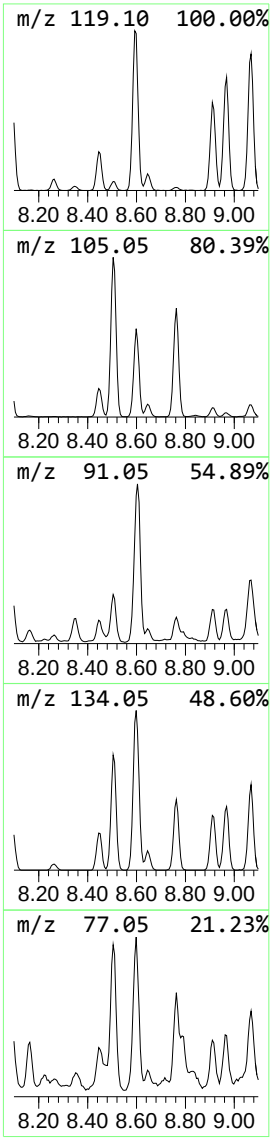
****

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	17.72 ng	1513280	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
5	o-Cymene	134	C10H14	000527-84-4	90





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Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

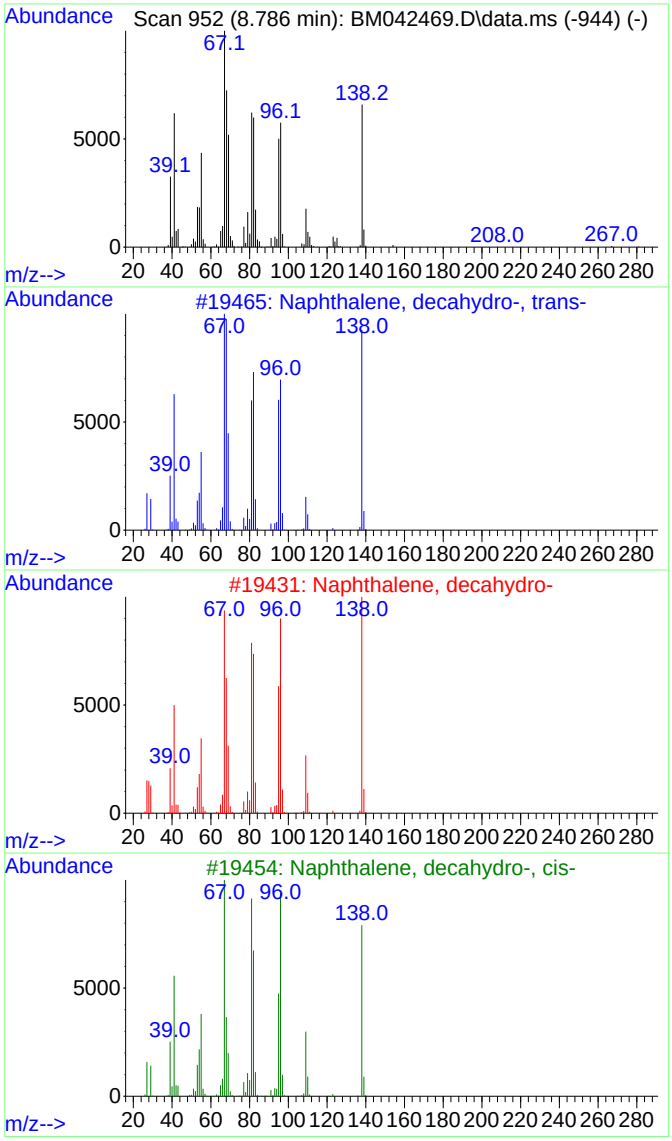
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

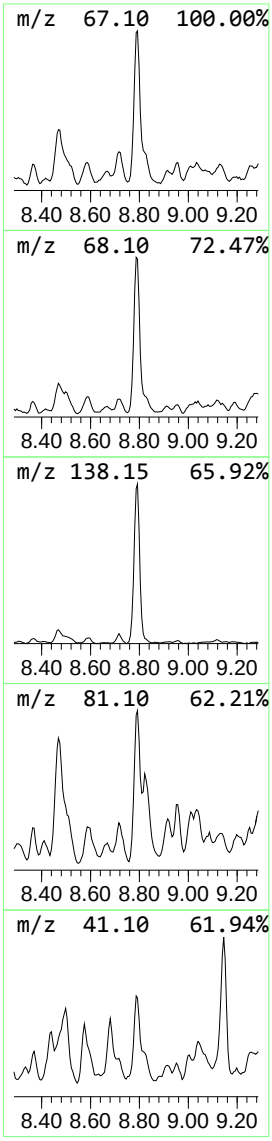
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.786	16.18 ng	1381470	1,4-Dichlorobenzene-d4	7.992

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	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	92
4	Spiro[4.5]decane	138	C10H18	000176-63-6	91
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	90





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Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

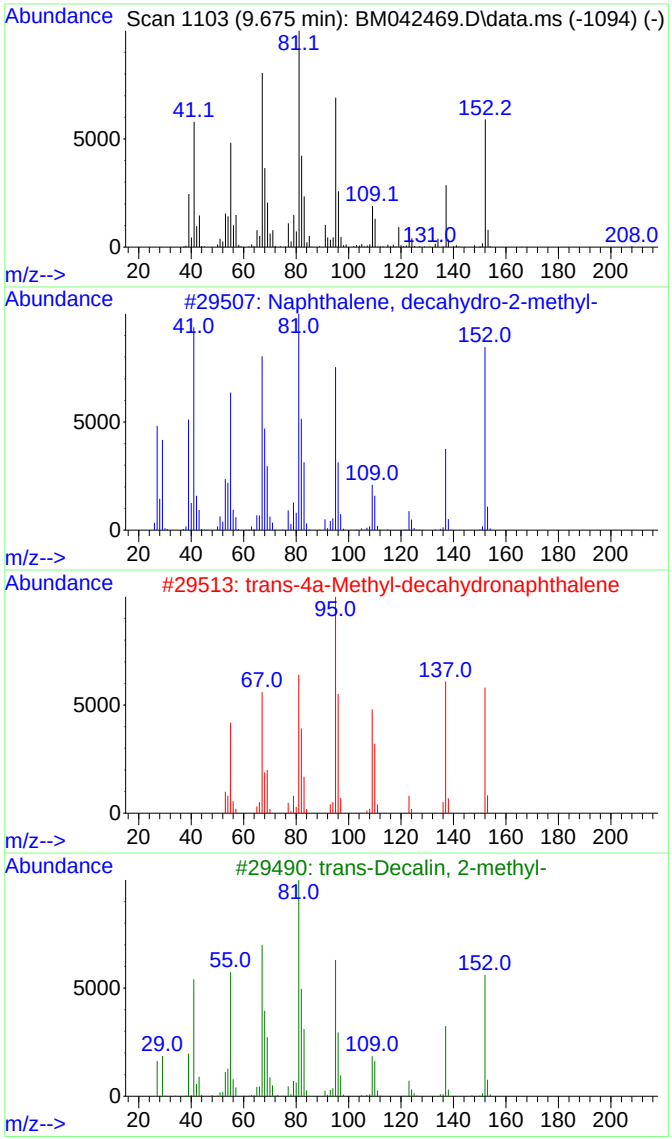
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

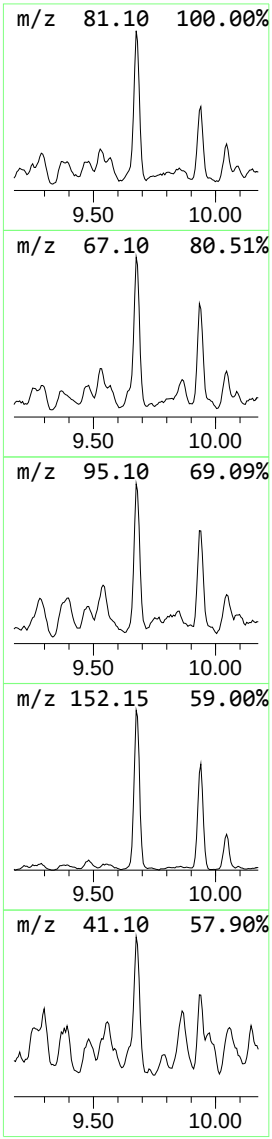
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	15.51 ng	1586300	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81
5	Pulegone	152	C10H16O	000089-82-7	74





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Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

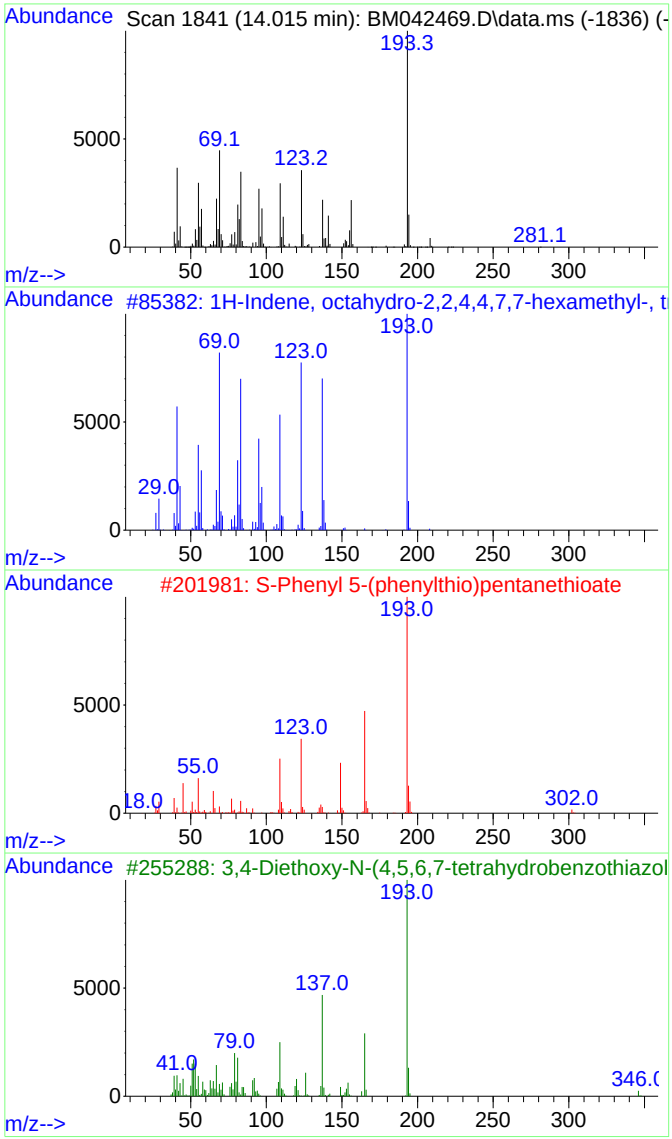
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

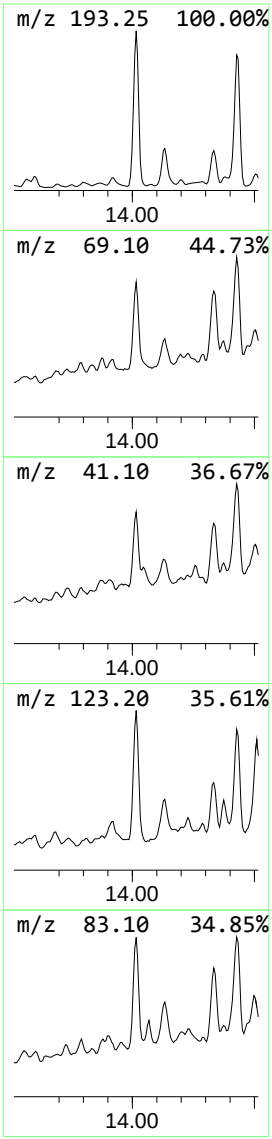
****

Peak Number 14 unknown14.015 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.015	15.41 ng	6671820	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
3	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	32
4	2-Anthracenamine	193	C14H11N	000613-13-8	30
5	3-Phenylindole	193	C14H11N	001504-16-1	30





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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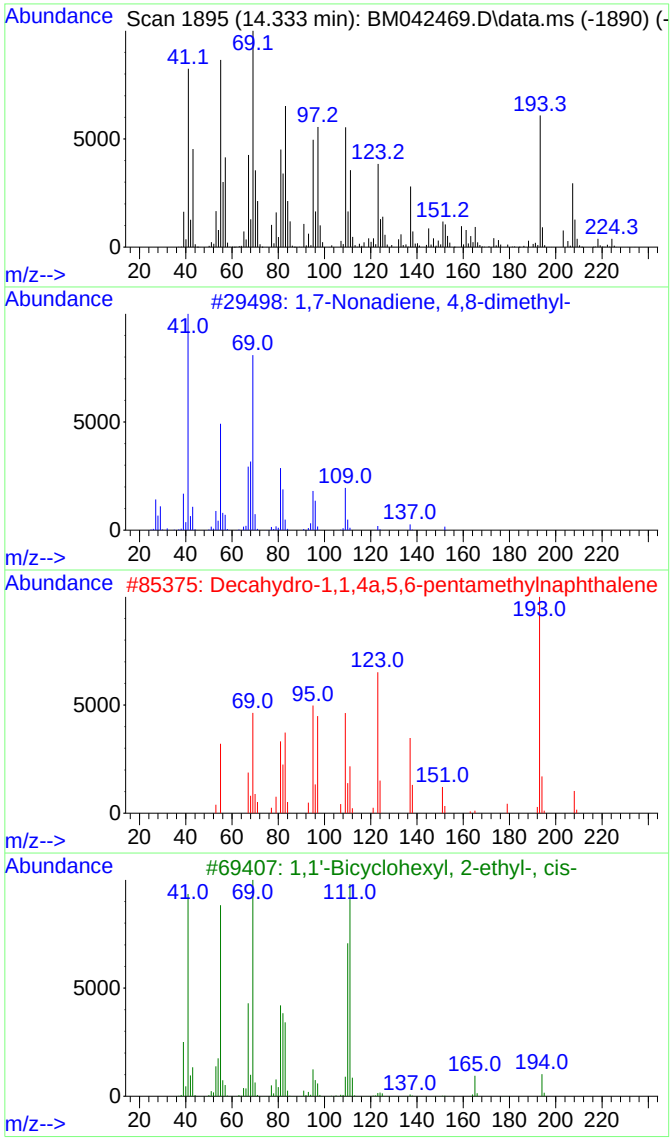
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

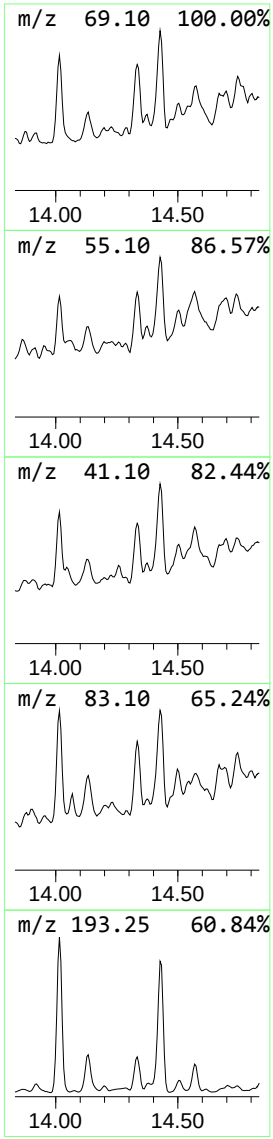
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown14.333 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.333	15.30 ng	6623950	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	43
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	41
3	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	35
4	Crotyl methacrylate	140	C8H12O2	007376-45-6	30
5	3-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	061639-18-7	25





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ALS Vial : 18 Sample Multiplier: 1

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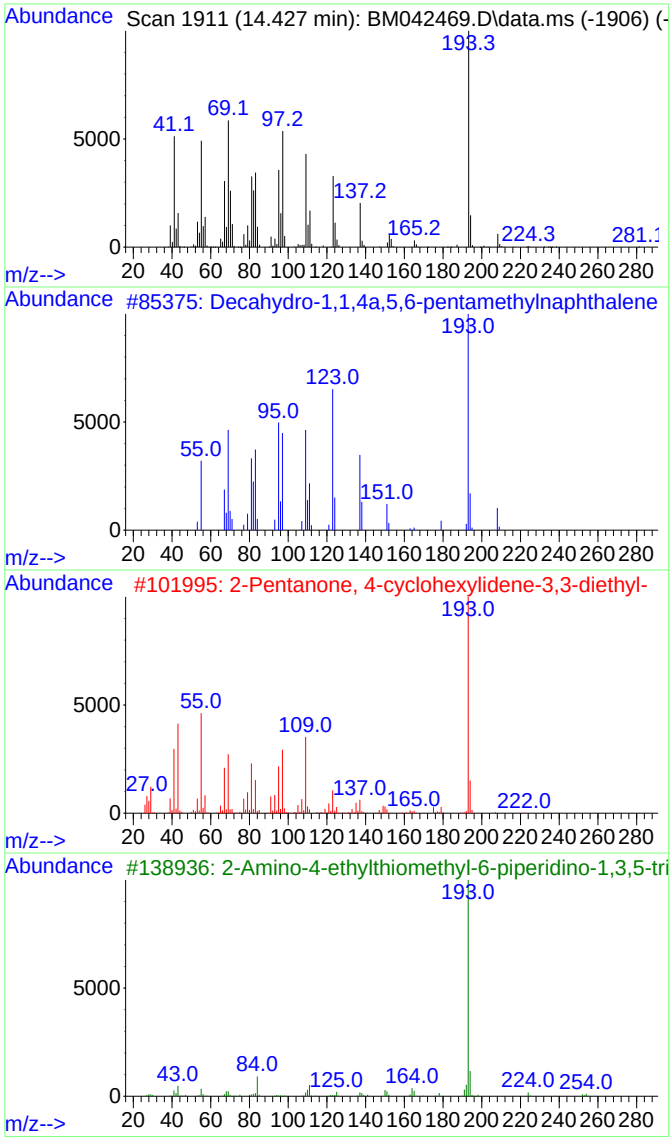
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

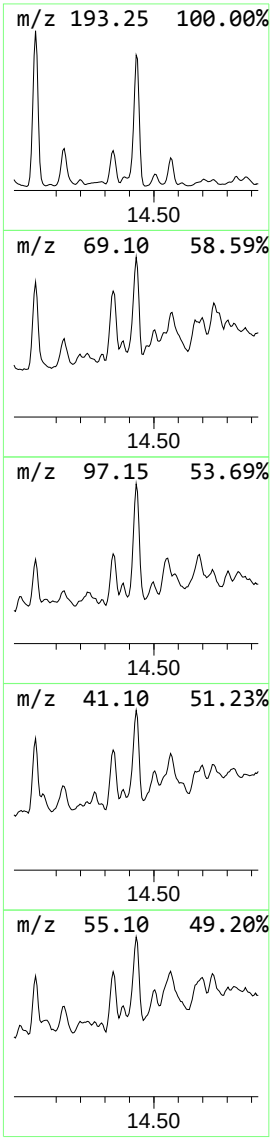
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	20.00 ng	8658540	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	52
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
3	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	27
4	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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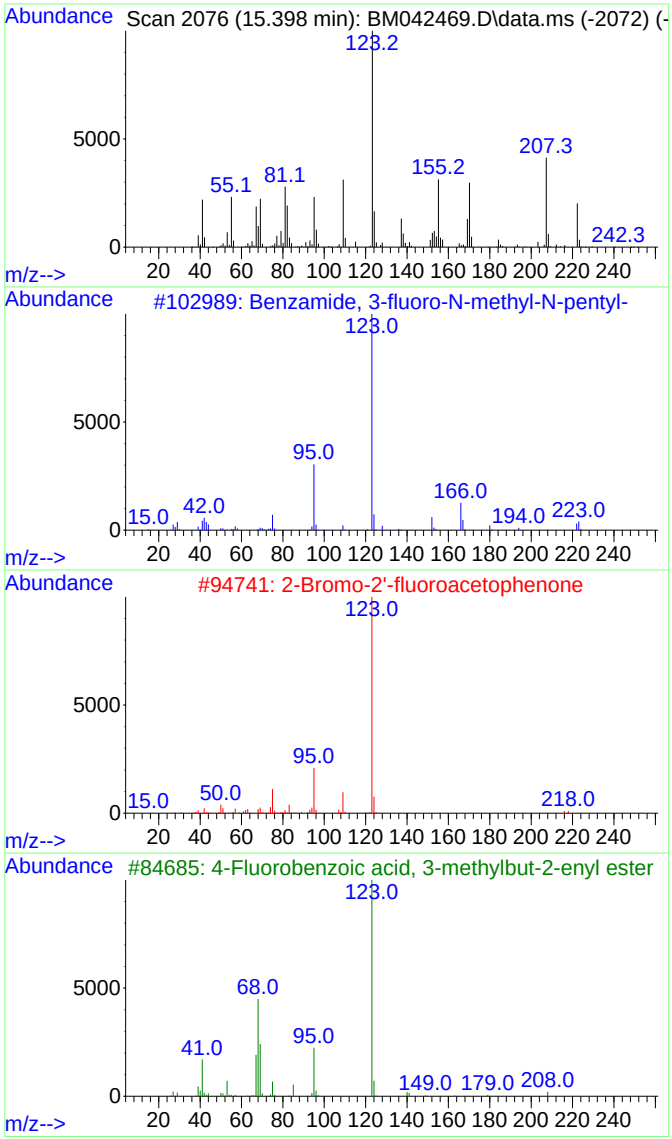
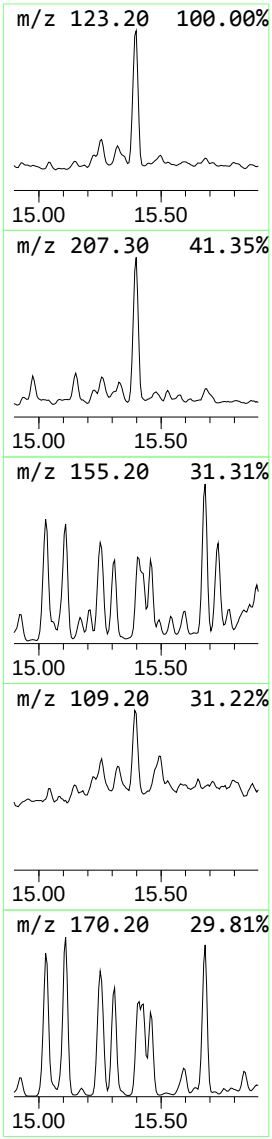
Peak Number 17 unknown15.398 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	12.92 ng	5594760	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-fluoro-N-methyl-N-p...	223	C13H18FNO	1000421-36-9	30
2	2-Bromo-2'-fluoroacetophenone	216	C8H6BrFO	000655-15-2	27
3	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	27
4	N-Benzyl-4-fluorobenzamide, N-tr...	325	C16H11F4NO2	1000492-36-8	27
5	Benzamide, 2-fluoro-N-methyl-N-p...	223	C13H18FNO	1010421-27-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
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Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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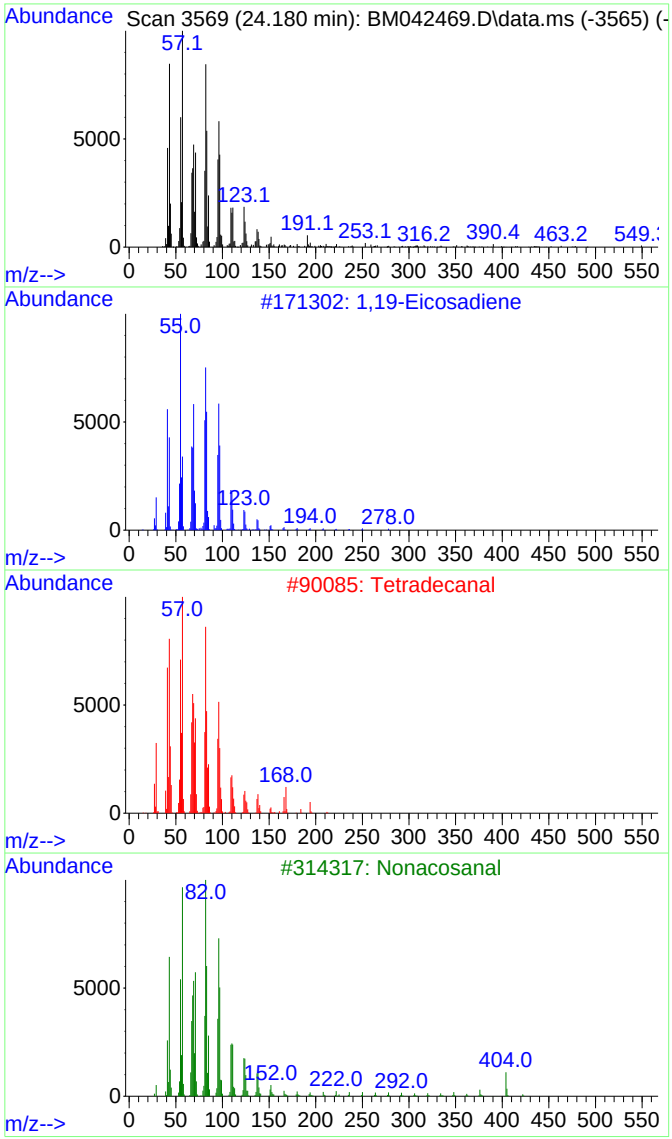
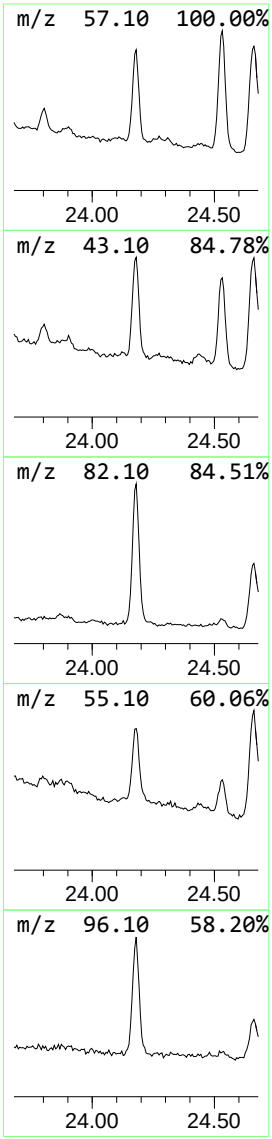
Peak Number 18 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.180	19.94 ng	1309340	Perylene-d12	24.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Tetradecanal	212	C14H28O	000124-25-4	93
3	Nonacosanal	422	C29H58O	072934-04-4	93
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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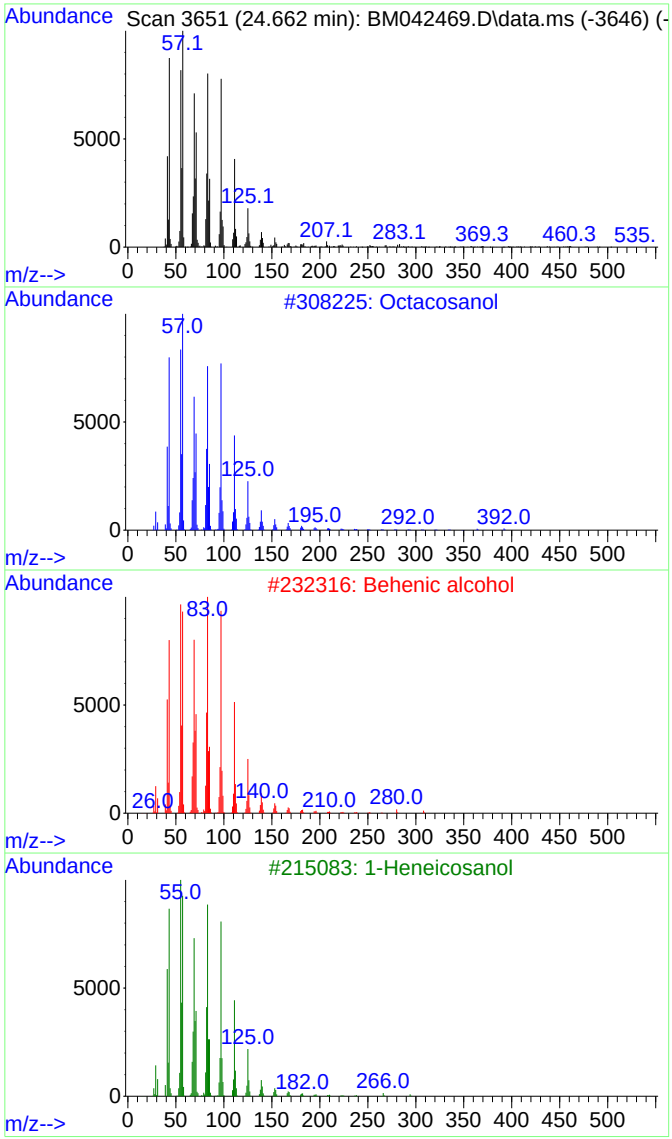
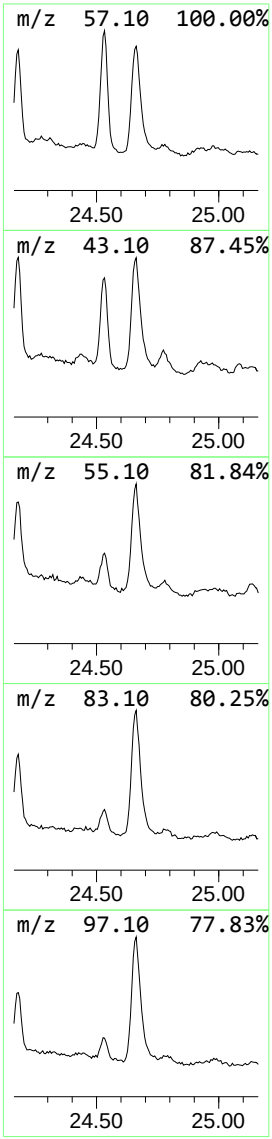
Peak Number 19 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.662	25.03 ng	1643600	Perylene-d12	24.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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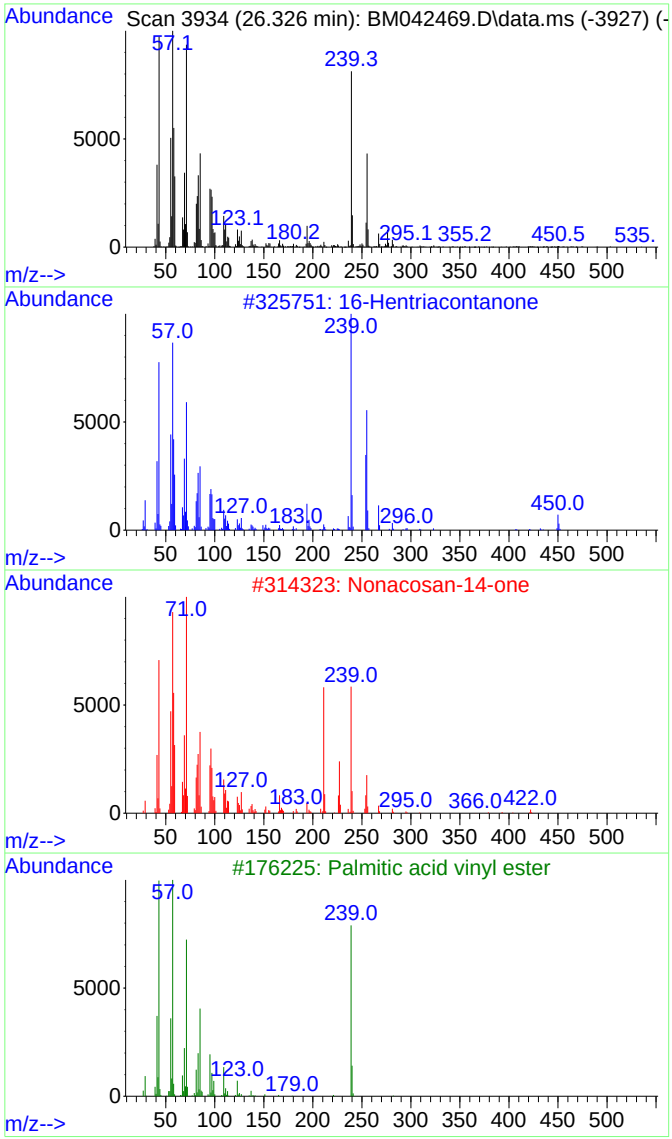
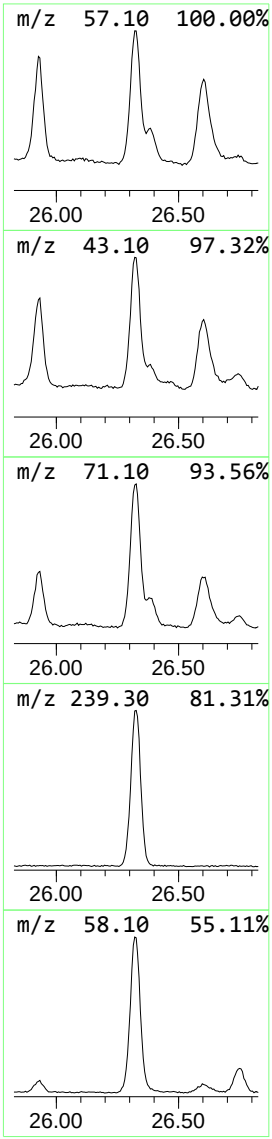
Peak Number 20 16-Hentriacontanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.326	34.91 ng	2292260	Perylene-d12	24.038

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Hentriacontanone	450	C31H62O	000502-73-8	90
2	Nonacosan-14-one	422	C29H58O	034394-11-1	76
3	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	62
4	13-Octacosanone	408	C28H56O	031534-88-0	38
5	16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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	5.916	14.3	ng	1224540	1	7.992	1708050	20.0
Cyclohexane, 1-...	6.192	15.5	ng	1324290	1	7.992	1708050	20.0
Octane, 2,6-dim...	6.451	20.7	ng	1771400	1	7.992	1708050	20.0
Cyclohexanone, ...	6.557	23.8	ng	2030190	1	7.992	1708050	20.0
Undecane, 2,6-d...	7.063	15.6	ng	1329600	1	7.992	1708050	20.0
Carbonic acid, ...	7.534	19.0	ng	1623870	1	7.992	1708050	20.0
Mesitylene	7.604	16.4	ng	1397740	1	7.992	1708050	20.0
Decane, 4-methyl-	7.881	13.8	ng	1180580	1	7.992	1708050	20.0
Benzene, 1,4-di...	8.086	15.0	ng	1283420	1	7.992	1708050	20.0
Benzene, 1-meth...	8.504	16.4	ng	1400890	1	7.992	1708050	20.0
Benzene, 1,3-di...	8.598	17.7	ng	1513280	1	7.992	1708050	20.0
Naphthalene, de...	8.786	16.2	ng	1381470	1	7.992	1708050	20.0
Naphthalene, de...	9.675	15.5	ng	1586300	2	10.810	2045160	20.0
unknown14.015	14.015	15.4	ng	6671820	3	14.645	8658540	20.0
unknown14.333	14.333	15.3	ng	6623950	3	14.645	8658540	20.0
Decahydro-1,1,4...	14.427	20.0	ng	8658540	3	14.645	8658540	20.0
unknown15.398	15.398	12.9	ng	5594760	3	14.645	8658540	20.0
1,19-Eicosadiene	24.180	19.9	ng	1309340	6	24.038	1313110	20.0
Octacosanol	24.662	25.0	ng	1643600	6	24.038	1313110	20.0
16-Hentriaconta...	26.326	34.9	ng	2292260	6	24.038	1313110	20.0