LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

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_G\Methods\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058644.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.835	120	127	132	rBV3	30583	55258	1.82%	0.212%
2	3.887	132	136	145	rVB4	28190	60517	2.00%	0.233%
3	3.987	145	153	162	rVB5	31880	76004	2.51%	0.292%
4	4.164	176	183	187	rBV2	57874	100766	3.33%	0.387%
5	4.293	202	205	215	rVB3	56628	99055	3.27%	0.381%
6	4.451	227	232	235	rBV	80960	119172	3.93%	0.458%
7	4.534	241	246	251	rVB2	70273	112646	3.72%	0.433%
8	4.739	272	281	287	rBV3	41886	95388	3.15%	0.367%
9	4.833	293	297	302	rBV	44570	68570	2.26%	0.264%
10	4.904	302	309	312	rVV4	57761	112356	3.71%	0.432%
11	4.945	312	316	320	rVV2	54316	77629	2.56%	0.298%
12	4.998	320	325	330	rVV2	82282	124116	4.10%	0.477%
13	5.062	330	336	342	rVB4	34986	59598	1.97%	0.229%
14	5.239	361	366	375	rVB3	75239	168514	5.56%	0.648%
15	5.386	382	391	397	rBV	359888	575102	18.99%	2.210%
16	5.444	397	401	405	rVV	30728	57559	1.90%	0.221%
17	5.509	408	412	419	rVB	50299	91129	3.01%	0.350%
18	5.603	419	428	434	rBV4	48800	101150	3.34%	0.389%
19	5.679	434	441	449	rBV6	60639	151903	5.02%	0.584%
20	5.756	449	454	460	rVV2	93376	154151	5.09%	0.592%
21	5.820	460	465	472	rVB	55071	107604	3.55%	0.414%
22	5.897	472	478	487	rVB3	43999	78762	2.60%	0.303%
23	6.073	500	508	512	rBV4	110496	241661	7.98%	0.929%
24	6.191	522	528	539	rVB4	52126	123363	4.07%	0.474%
25	6.302	539	547	553	rBV5	103072	314861	10.40%	1.210%
26	6.355	553	556	561	rVV	91442	142022	4.69%	0.546%
27	6.443	561	571	584	rVV6	131146	419456	13.85%	1.612%
28	6.619	595	601	606	rVB5	41570	80922	2.67%	0.311%
29	6.702	606	615	622	rBV6	54205	149186	4.93%	0.573%
30	6.790	622	630	636	rVV2	144271	274223	9.05%	1.054%
31	6.896	644	648	652	rVV2	74534	108839	3.59%	0.418%
32	6.949	652	657	659	rVV2	106923	189989	6.27%	0.730%
33	6.984	659	663	668	rVV	196786	364456	12.03%	1.401%
34	7.131	683	688	693	rBV5	26627	50866	1.68%	0.196%
35	7.189	693	698	702	rBV4	57126	93267	3.08%	0.358%
36	7.289	711	715	724	rVB4	54234	100513	3.32%	0.386%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

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_G\Methods\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.366	724	728	739	rVB7	41311	102524	3.39%	0.394%
38	7.454	739	743	748	rBV	98765	156337	5.16%	0.601%
39	7.518	750	754	761	rVB6	37025	78850	2.60%	0.303%
40	7.630	766	773	777	rBV7	24887	61864	2.04%	0.238%
41	7.677	777	781	783	rBV	39516	55868	1.84%	0.215%
42	7.712	783	787	794	rVB3	67279	139278	4.60%	0.535%
43	7.783	794	799	801	rBV	94524	137627	4.54%	0.529%
44	7.812	801	804	810	rVB	100182	156700	5.17%	0.602%
45	7.877	810	815	819	rVB3	47597	85589	2.83%	0.329%
46	7.924	819	823	829	rBV3	31990	65560	2.16%	0.252%
47	7.994	830	835	839	rVB3	49957	85867	2.84%	0.330%
48	8.088	845	851	854	rBV5	37109	72760	2.40%	0.280%
49	8.182	860	867	873	rVB	95694	159037	5.25%	0.611%
50	8.300	881	887	895	rBV	271759	487283	16.09%	1.873%
51	8.453	907	913	918	rBV2	167519	301679	9.96%	1.160%
52	8.500	918	921	926	rVB2	55571	77212	2.55%	0.297%
53	8.641	937	945	951	rBV3	60867	123489	4.08%	0.475%
54	8.917	980	992	997	rBV	490720	909930	30.05%	3.497%
55	8.981	997	1003	1016	rVB2	471824	1116406	36.86%	4.291%
56	9.158	1022	1033	1043	rBV10	82605	293624	9.70%	1.129%
57	9.263	1043	1051	1062	rVV4	67987	184441	6.09%	0.709%
58	9.393	1067	1073	1076	rBV4	35838	67435	2.23%	0.259%
59	9.440	1076	1081	1086	rBV	409438	643301	21.24%	2.473%
60	9.528	1093	1096	1106	rVB5	41967	88814	2.93%	0.341%
61	9.692	1116	1124	1129	rBV2	118071	227374	7.51%	0.874%
62	9.798	1135	1142	1148	rBV4	109386	251499	8.30%	0.967%
63	9.857	1148	1152	1156	rBV	108957	187522	6.19%	0.721%
64	10.010	1172	1178	1186	rBV2	326869	590881	19.51%	2.271%
65	10.080	1186	1190	1196	rVB2	43576	74797	2.47%	0.287%
66	10.192	1202	1209	1214	rBV4	49126	107190	3.54%	0.412%
67	10.309	1224	1229	1237	rVB	91353	156095	5.15%	0.600%
68	10.491	1254	1260	1262	rBV5	33770	62965	2.08%	0.242%
69	10.527	1263	1266	1269	rVV4	34616	52704	1.74%	0.203%
70	10.603	1269	1279	1284	rVV2	224740	707089	23.35%	2.718%
71	10.656	1284	1288	1295	rVB5	179858	353224	11.66%	1.358%
72	10.726	1295	1300	1305	rBV	177177	299485	9.89%	1.151%
73	10.826	1312	1317	1326	rVB	99753	167284	5.52%	0.643%
74	11.079	1356	1360	1368	rVB5	28064	70152	2.32%	0.270%
75	11.273	1388	1393	1397	rBV	82248	137731	4.55%	0.529%
76	11.384	1406	1412	1417	rBV2	36882	77491	2.56%	0.298%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

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_G\Methods\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.431	1417	1420	1429	rVV9	20221	53179	1.76%	0.204%
78	11.525	1429	1436	1443	rVB	84725	160597	5.30%	0.617%
79	11.631	1450	1454	1458	rBV2	41209	77261	2.55%	0.297%
80	11.719	1463	1469	1475	rVB	108690	204121	6.74%	0.785%
81	11.937	1503	1506	1511	rVB	48284	76342	2.52%	0.293%
82	12.001	1511	1517	1524	rBV2	57517	111833	3.69%	0.430%
83	12.236	1550	1557	1560	rVV3	30916	64124	2.12%	0.246%
84	12.278	1560	1564	1572	rVB	77121	129900	4.29%	0.499%
85	12.495	1594	1601	1611	rVV	135161	262766	8.68%	1.010%
86	13.082	1691	1701	1711	rVV	1200110	1937538	63.98%	7.447%
87	13.629	1785	1794	1803	rVV7	23522	65547	2.16%	0.252%
88	13.782	1814	1820	1824	rBV2	32409	56488	1.87%	0.217%
89	14.457	1928	1935	1948	rBV	333183	562330	18.57%	2.161%
90	14.886	1999	2008	2014	rBV2	78581	146405	4.83%	0.563%
91	15.815	2159	2166	2180	rBV	98471	170491	5.63%	0.655%
92	15.950	2182	2189	2207	rBV	1021689	1669163	55.11%	6.416%
93	17.207	2396	2403	2408	rBV	428711	674583	22.27%	2.593%
94	18.094	2548	2554	2564	rBV	136431	235934	7.79%	0.907%
95	19.375	2767	2772	2782	rBV3	30976	60400	1.99%	0.232%
96	19.828	2842	2849	2859	rBV	2297886	3028552	100.00%	11.640%
97	21.126	3063	3070	3093	rBV7	41651	217379	7.18%	0.836%
98	21.449	3118	3125	3136	rBV	430208	726071	23.97%	2.791%
99	23.030	3387	3394	3401	rBV	39357	74654	2.47%	0.287%
100	24.522	3636	3648	3667	rBV	252156	776468	25.64%	2.984%

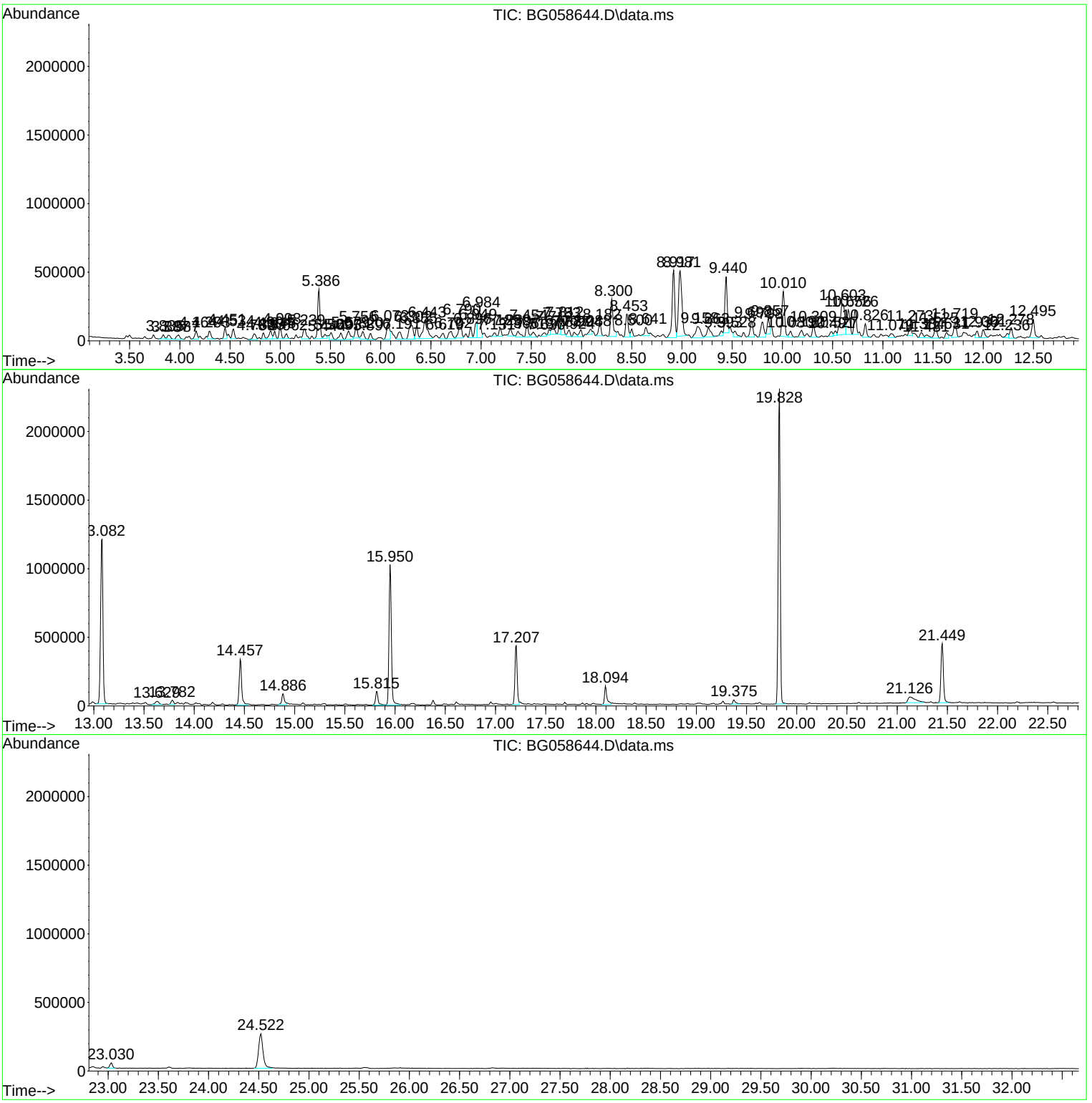
Sum of corrected areas: 26017657

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

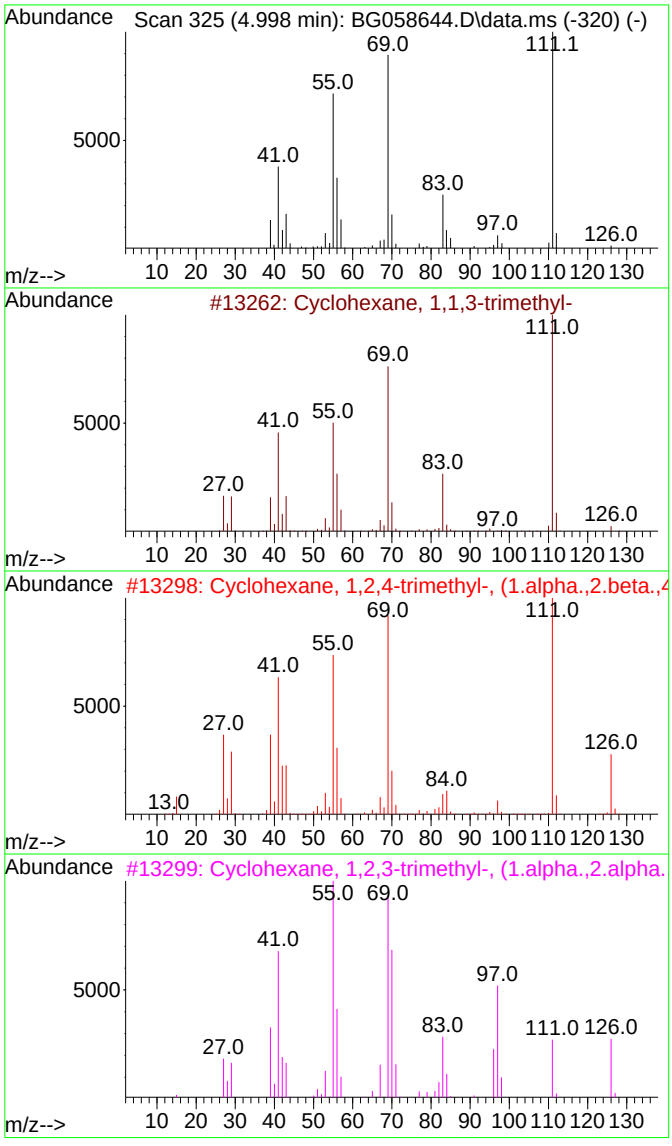
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

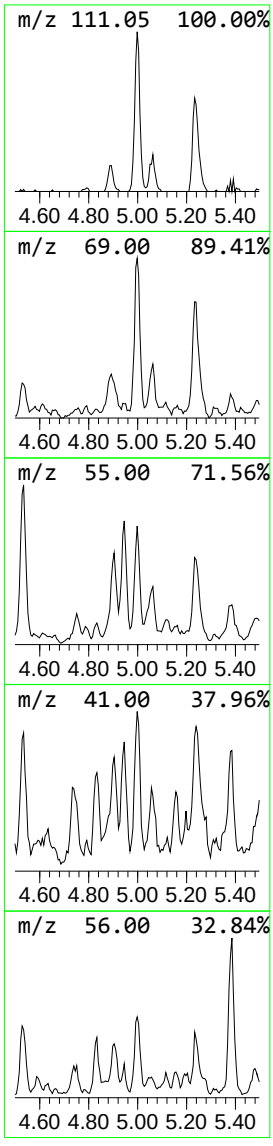
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	15.84 ng	124116	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	40
4	p-Fluoroaniline	111	C6H6FN	000371-40-4	38
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

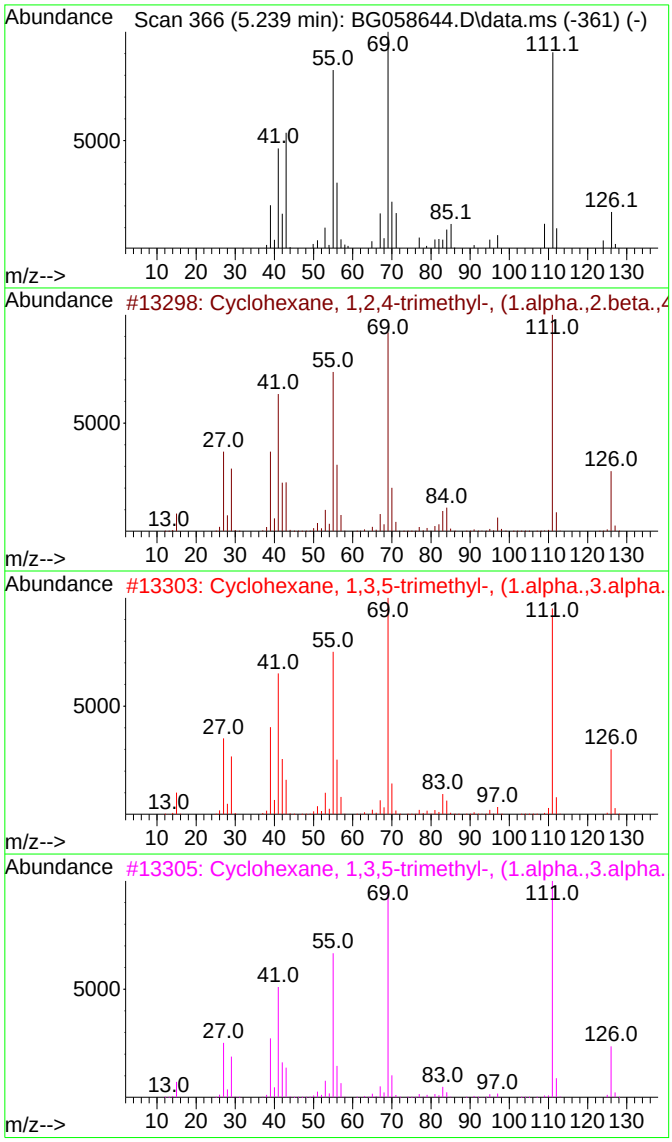
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

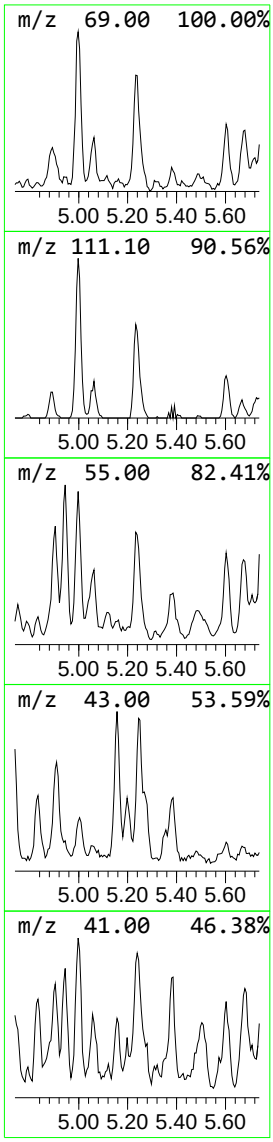
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,2,4-trimethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.239	21.51 ng	168514	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

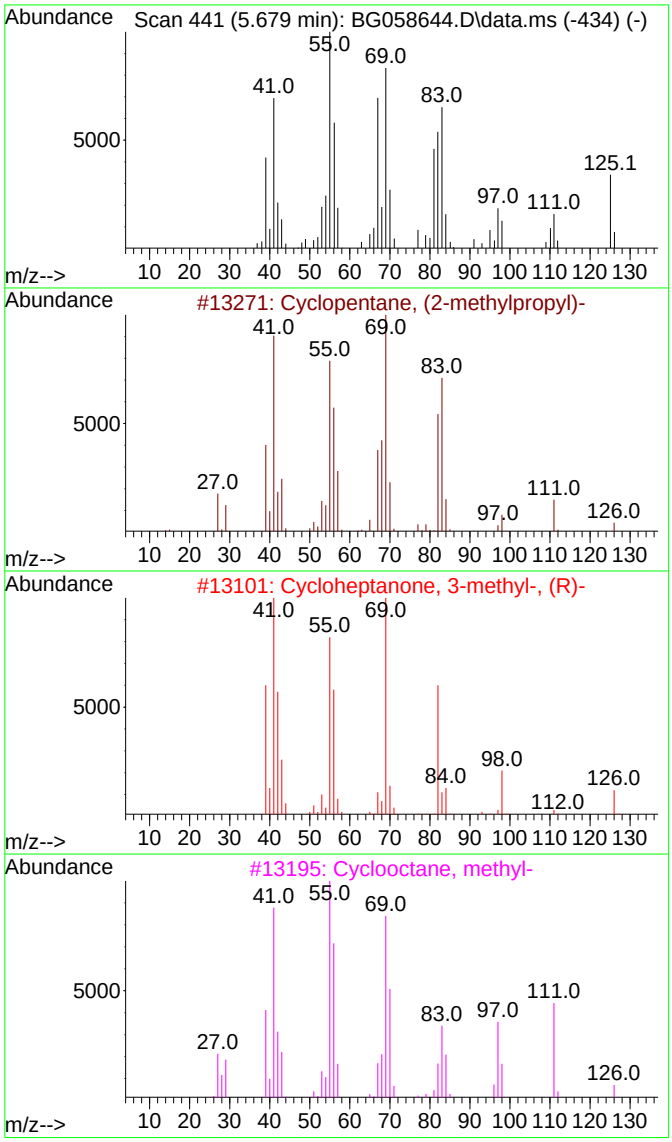
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

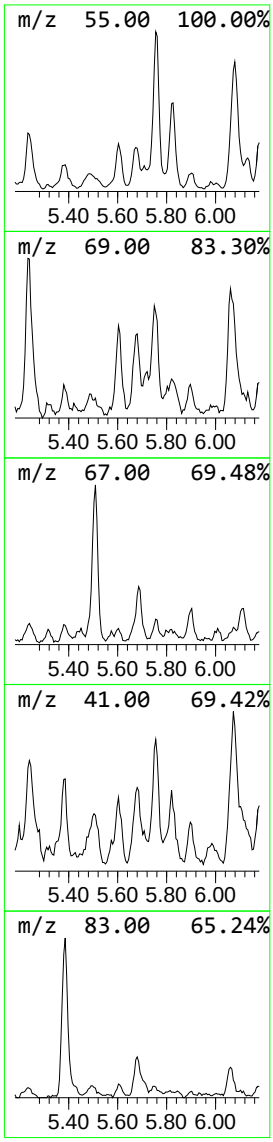
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, (2-methylprop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.679	19.39 ng	151903	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	90
2	Cycloheptanone, 3-methyl-, (R)-	126	C8H14O	013609-58-0	46
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	43
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	41
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

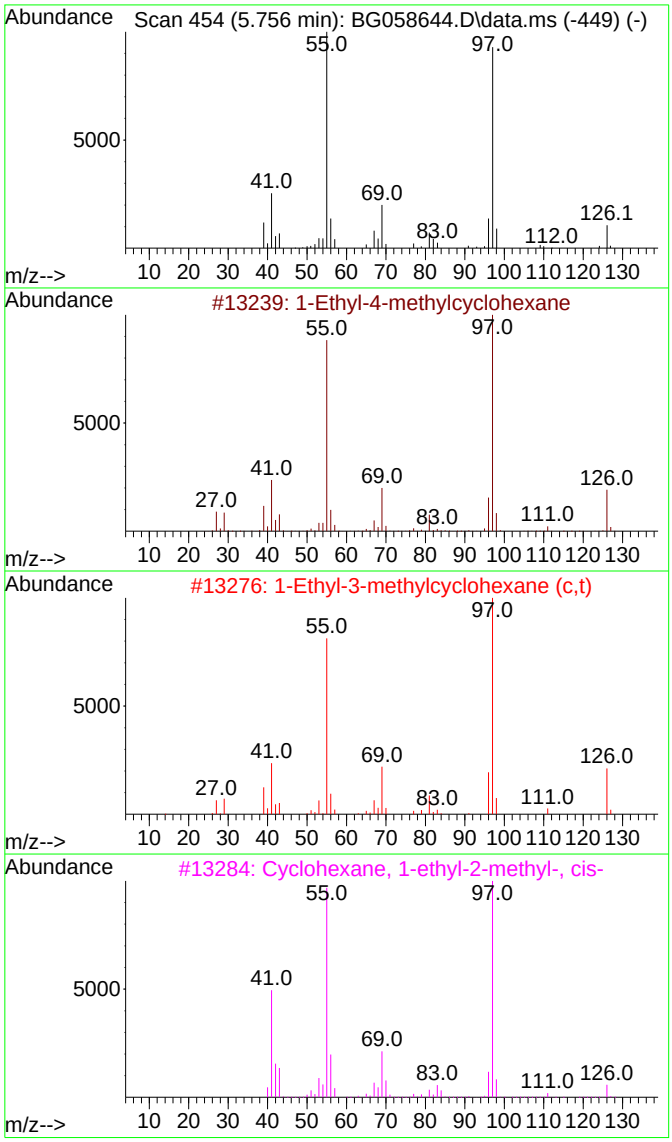
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

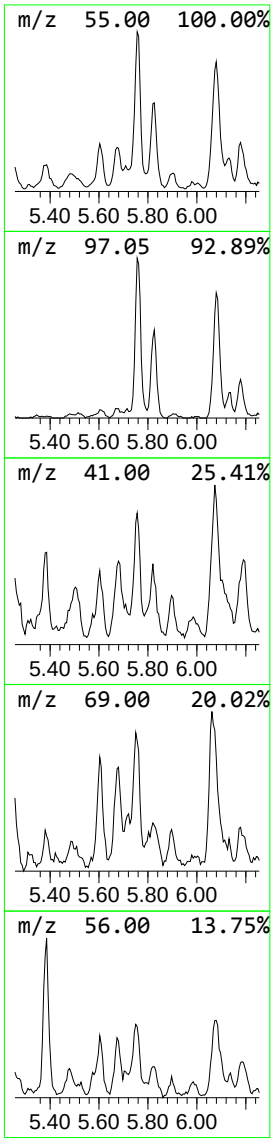
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Ethyl-4-methylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.756	19.67 ng	154151	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	80
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

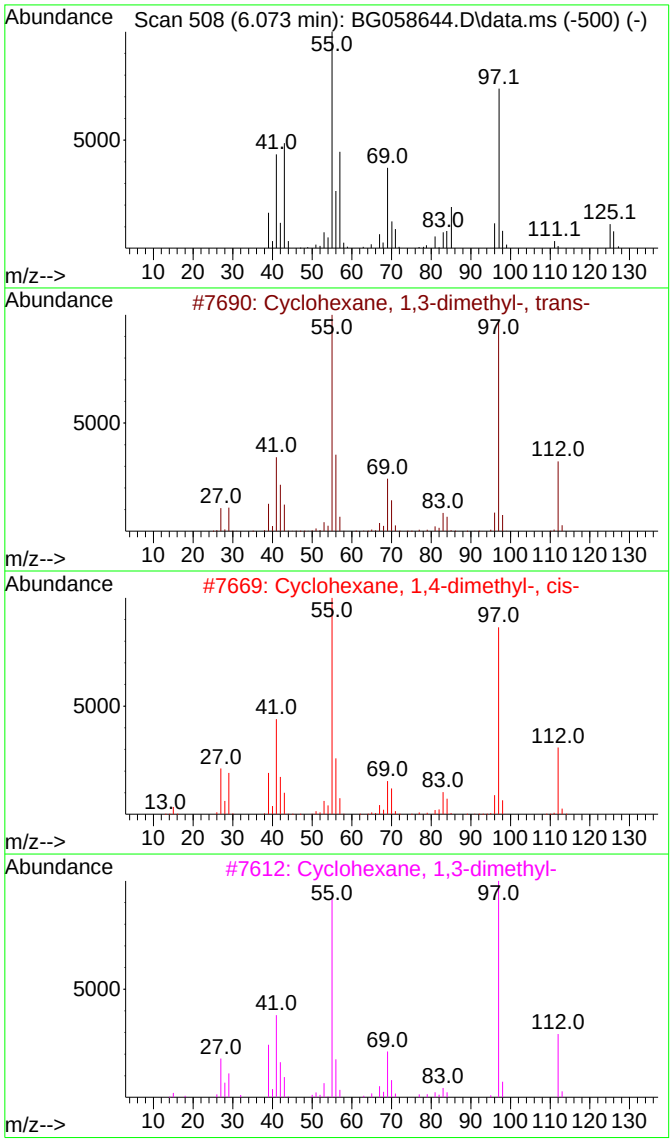
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

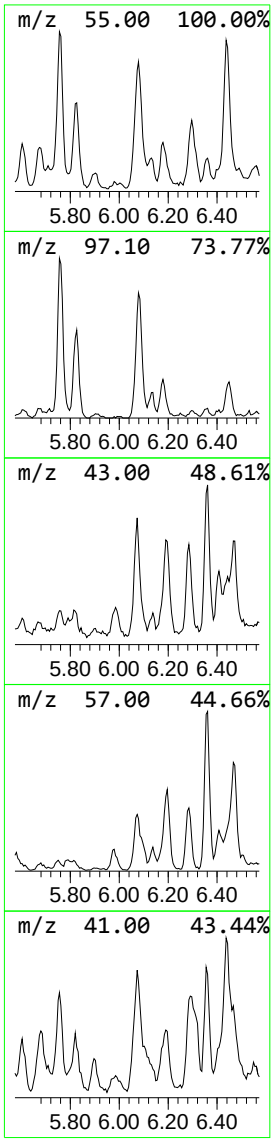
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.073	30.84 ng	241661	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58
5	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

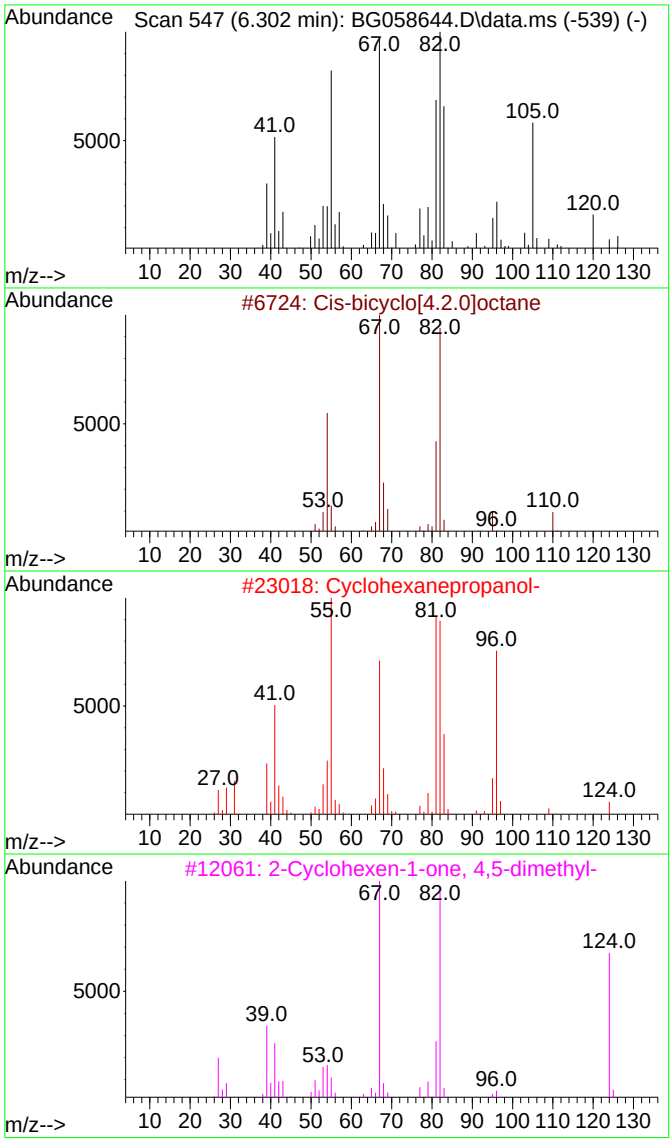
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

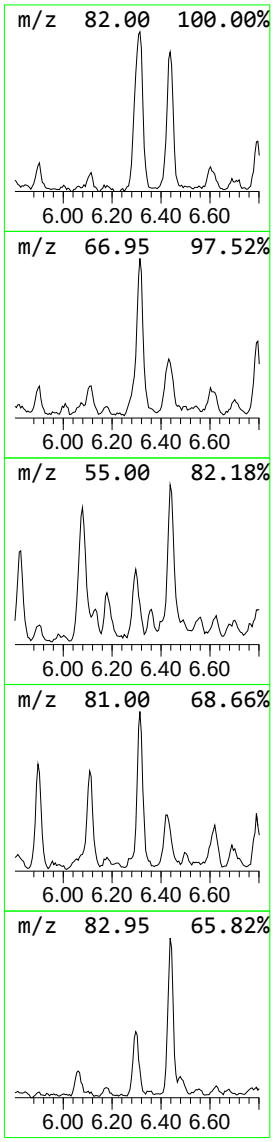
****

Peak Number 6 Cis-bicyclo[4.2.0]octane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.302	40.19 ng	314861	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	50
2	Cyclohexanepropanol-	142	C9H18O	001124-63-6	47
3	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	46
4	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	46
5	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

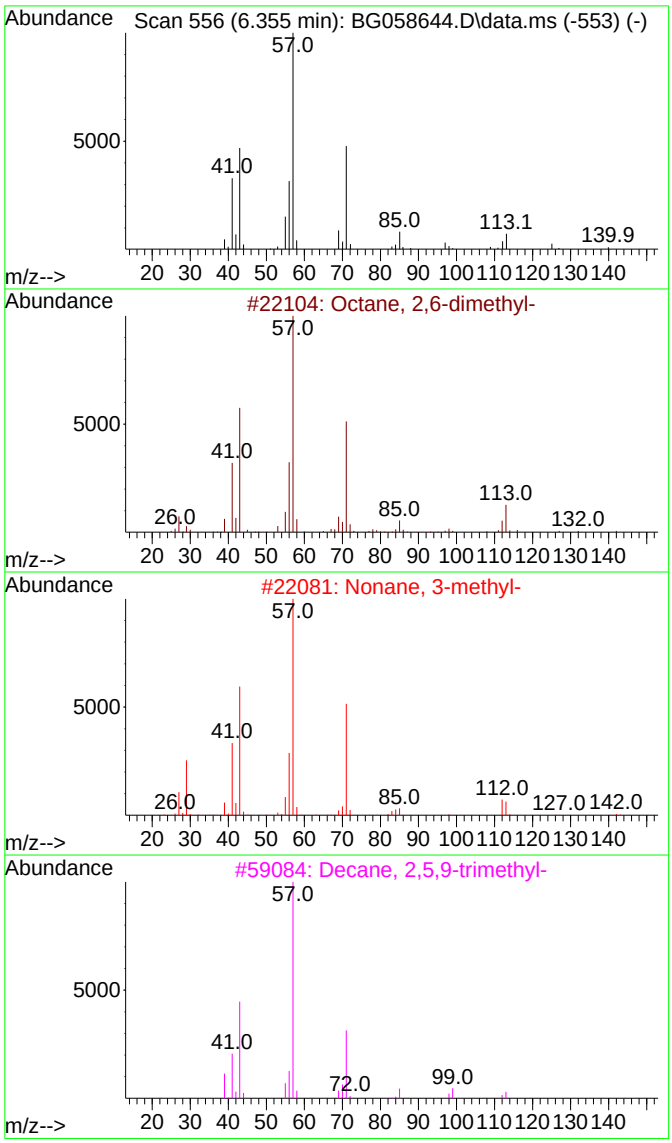
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

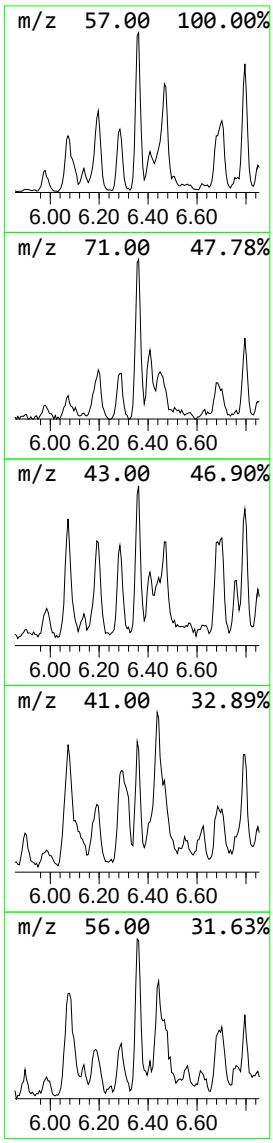
****

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.355	18.13 ng	142022	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

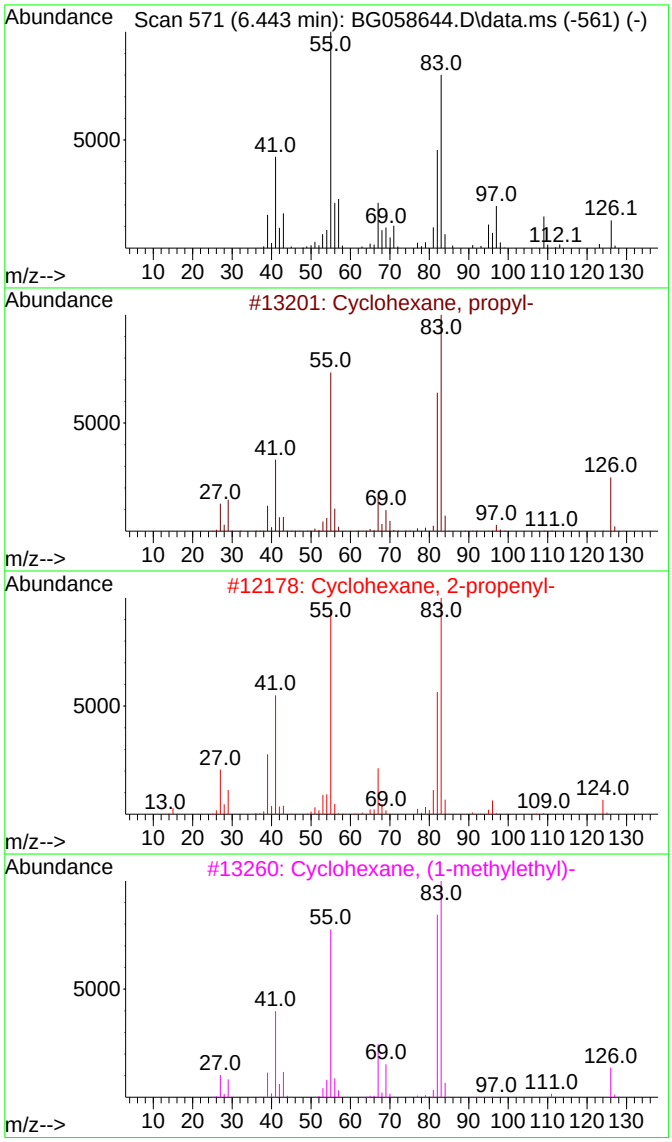
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

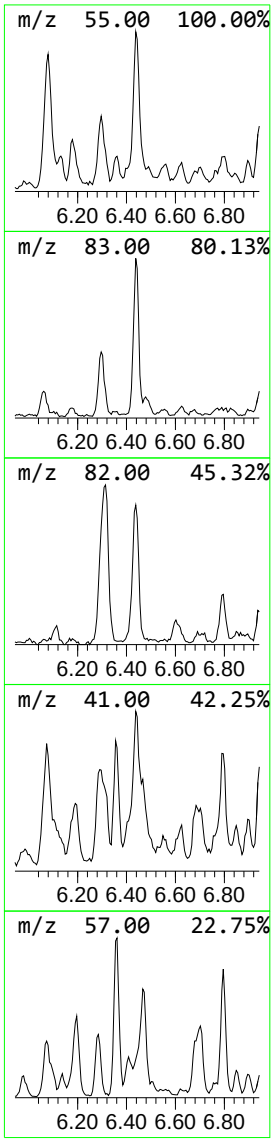
****

Peak Number 8 Cyclohexane, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.443	53.54 ng	419456	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	47
5	1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

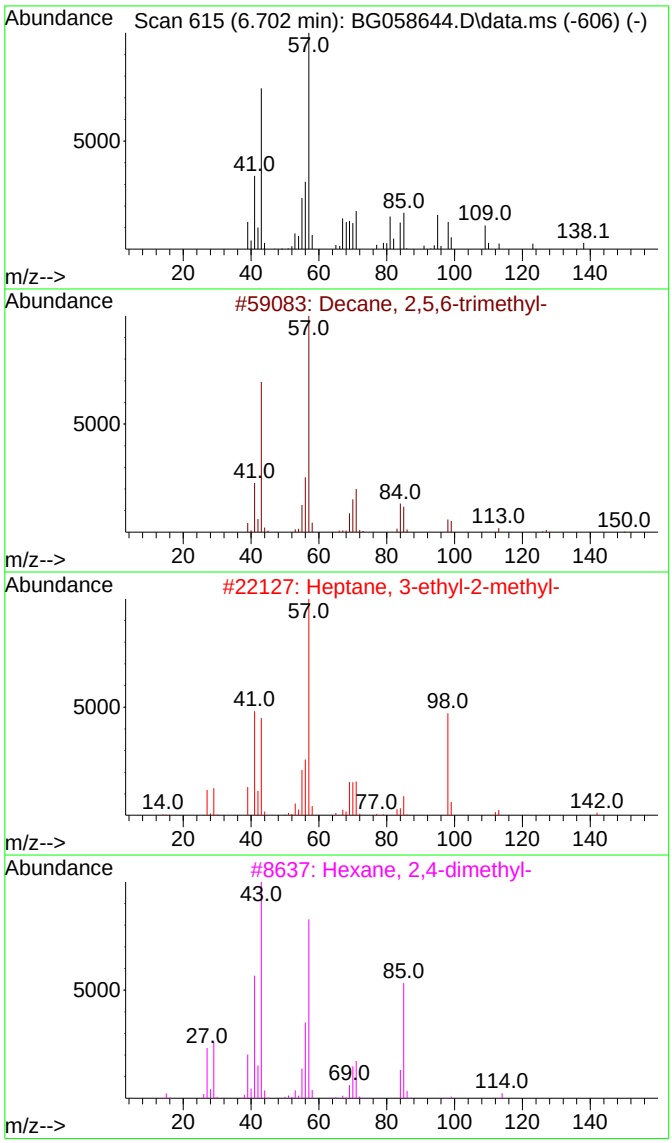
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

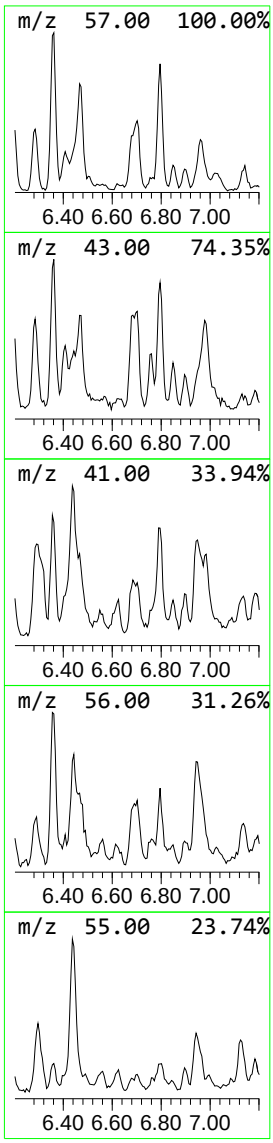
****

Peak Number 9 Decane, 2,5,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.702	19.04 ng	149186	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

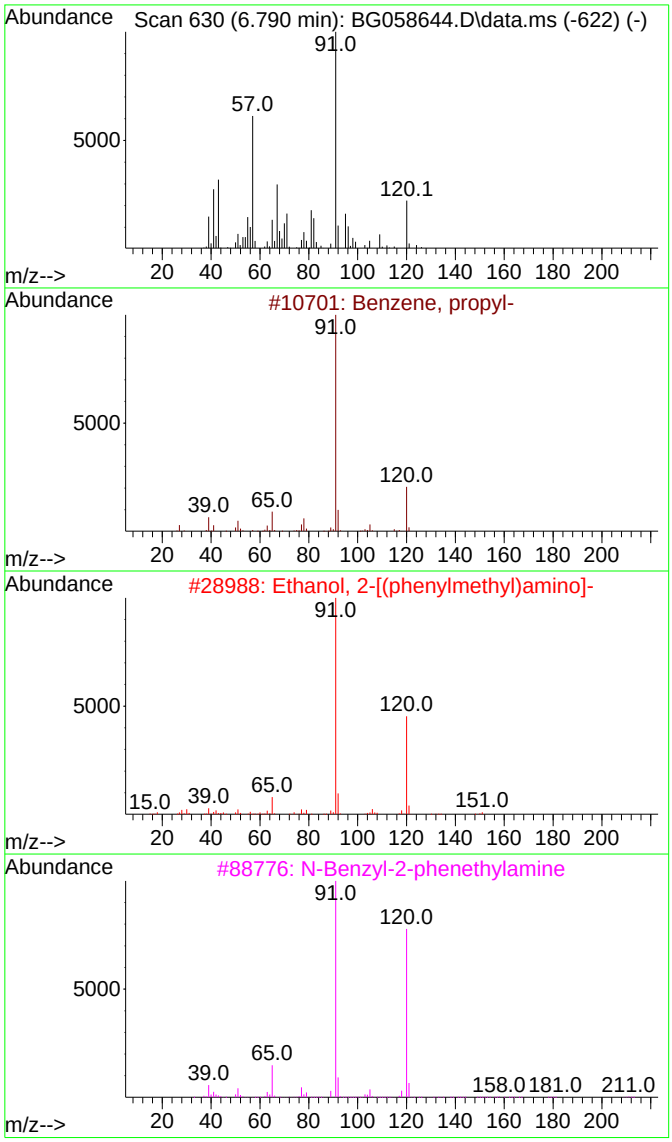
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

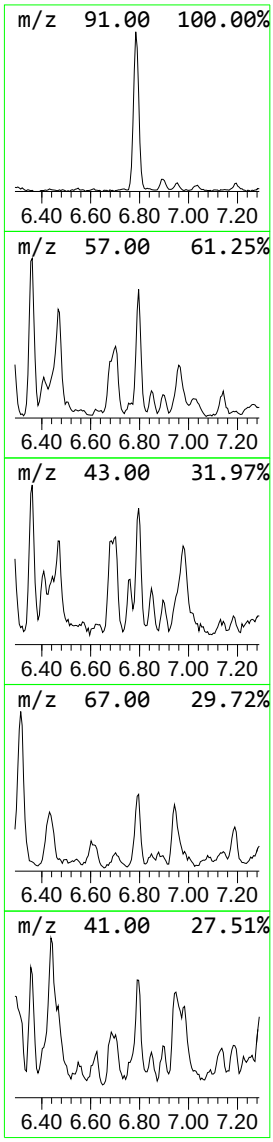
****

Peak Number 10 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.790	35.00 ng	274223	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	42
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	27
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	27
4	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	27
5	Cyclohexanemethylamine	113	C7H15N	003218-02-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

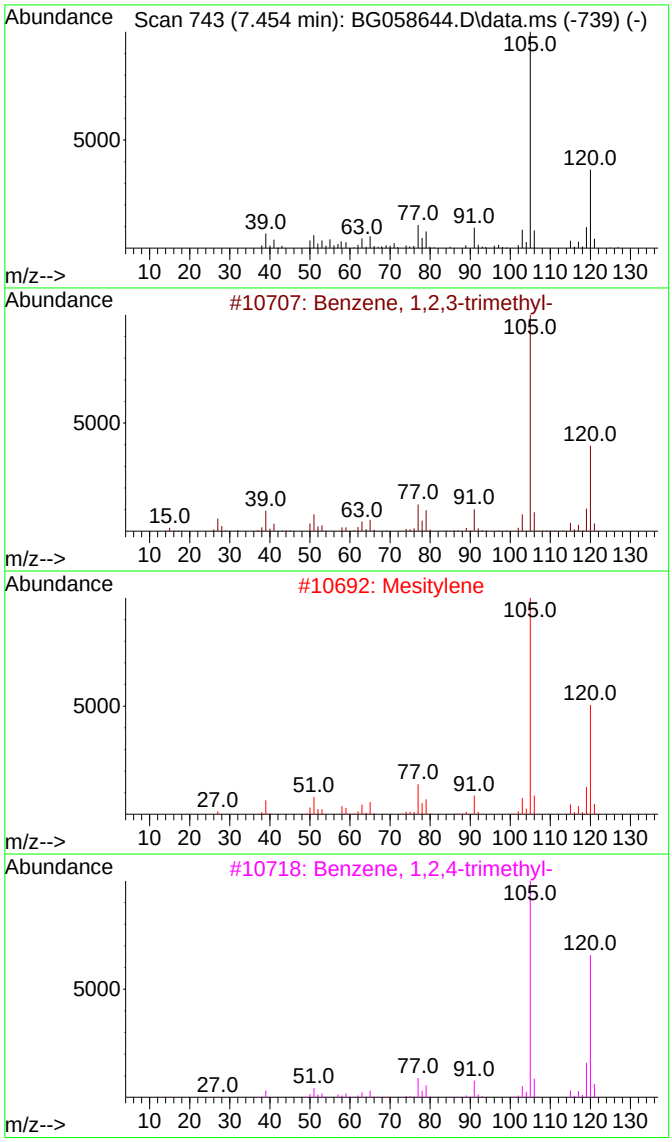
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

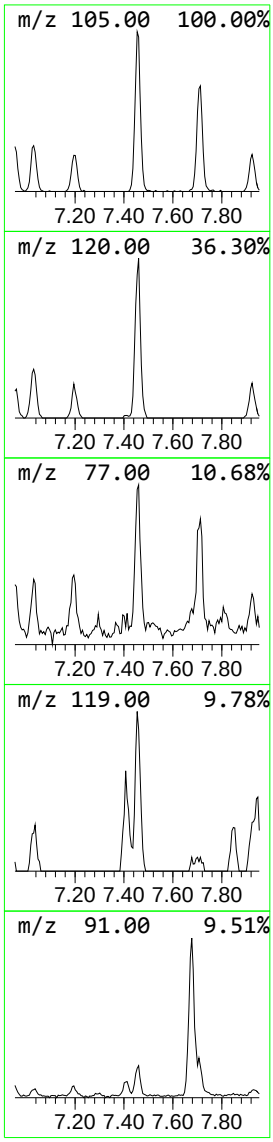
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.454	19.95 ng	156337	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

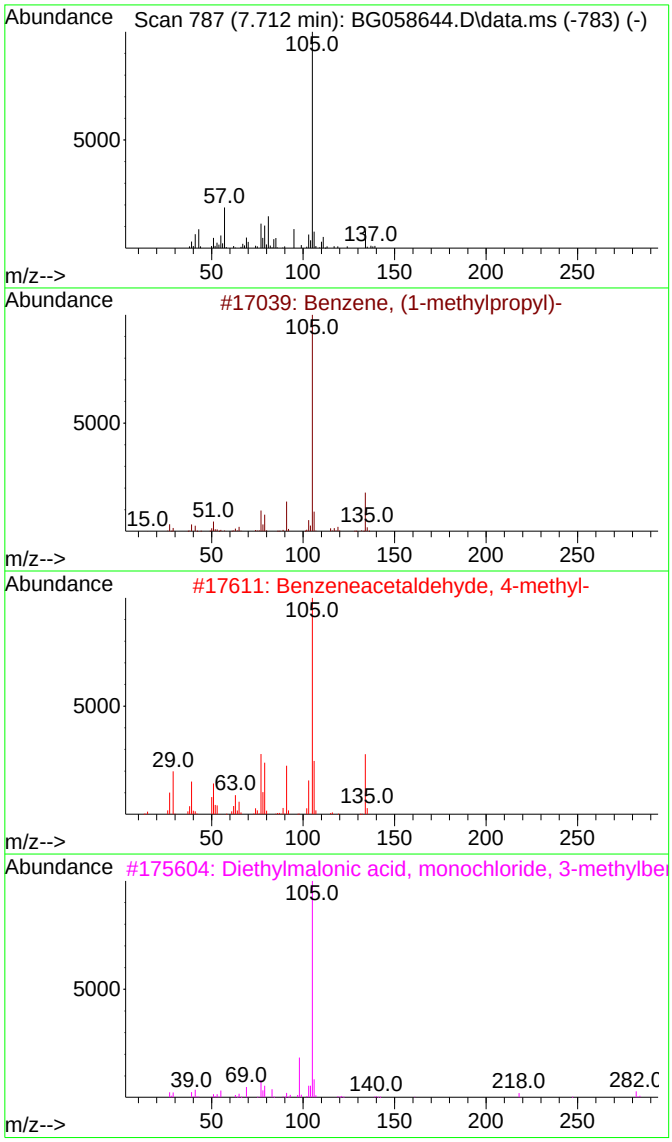
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

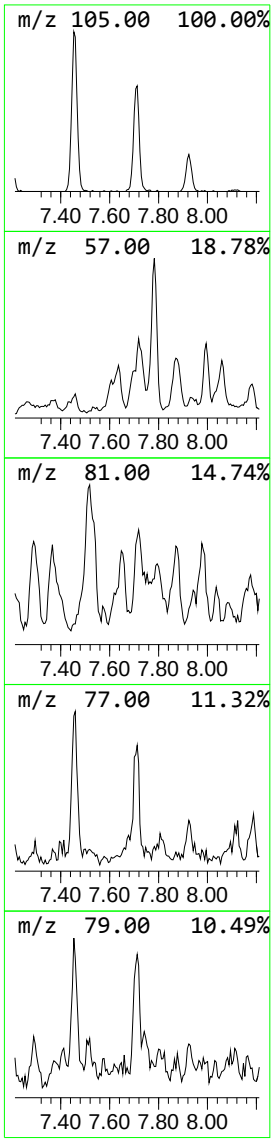
****

Peak Number 12 unknown7.712 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.712	17.78 ng	139278	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
2	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	43
3	Diethylmalonic acid, monochlorid...	282	C15H19ClO3	1000369-32-0	38
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
5	3-[(2-methylbenzyl)oxy]benzaldehyde	226	C15H14O2	590350-87-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

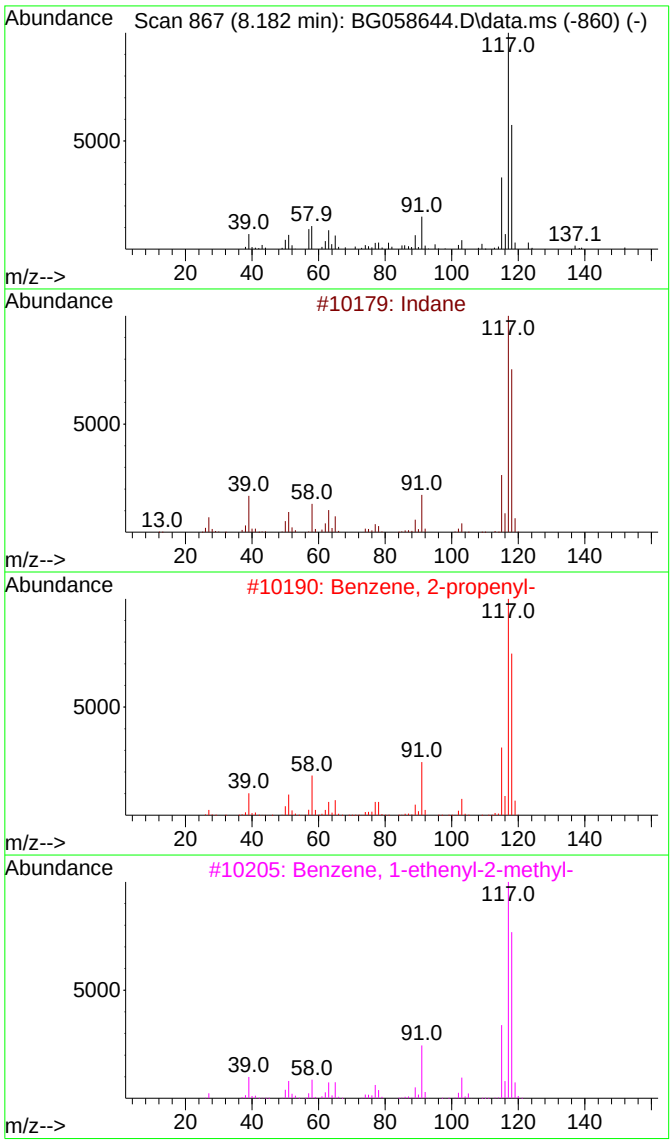
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

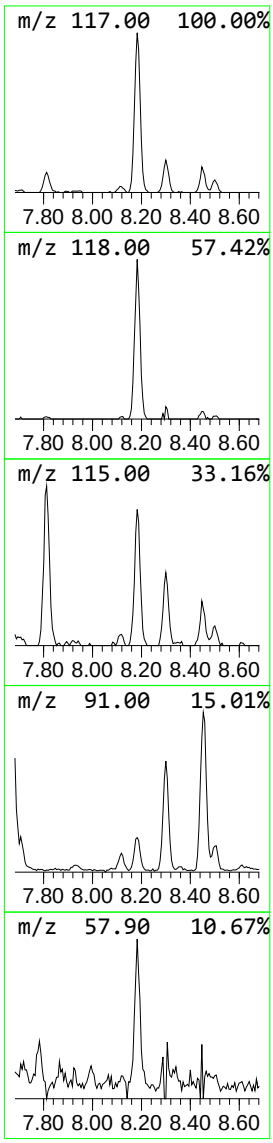
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.182	20.30 ng	159037	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

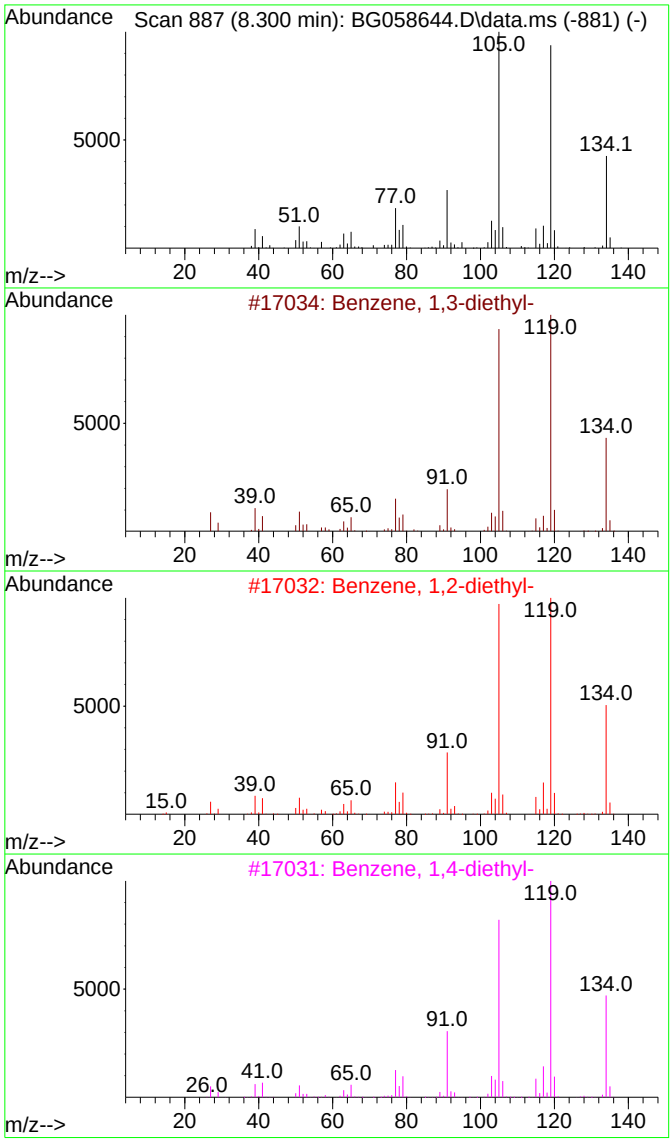
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

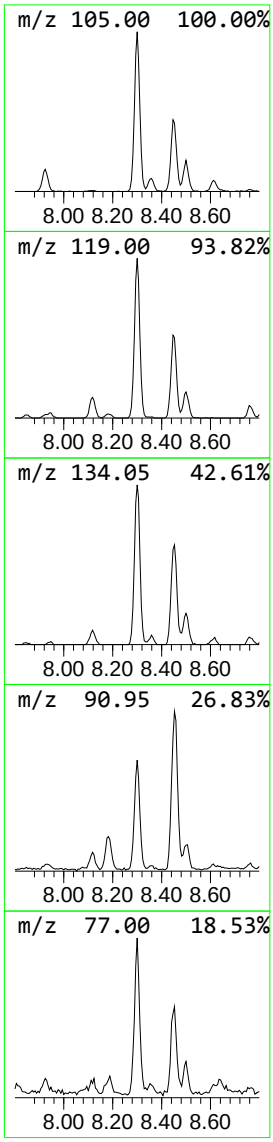
****

Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.300	62.19 ng	487283	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

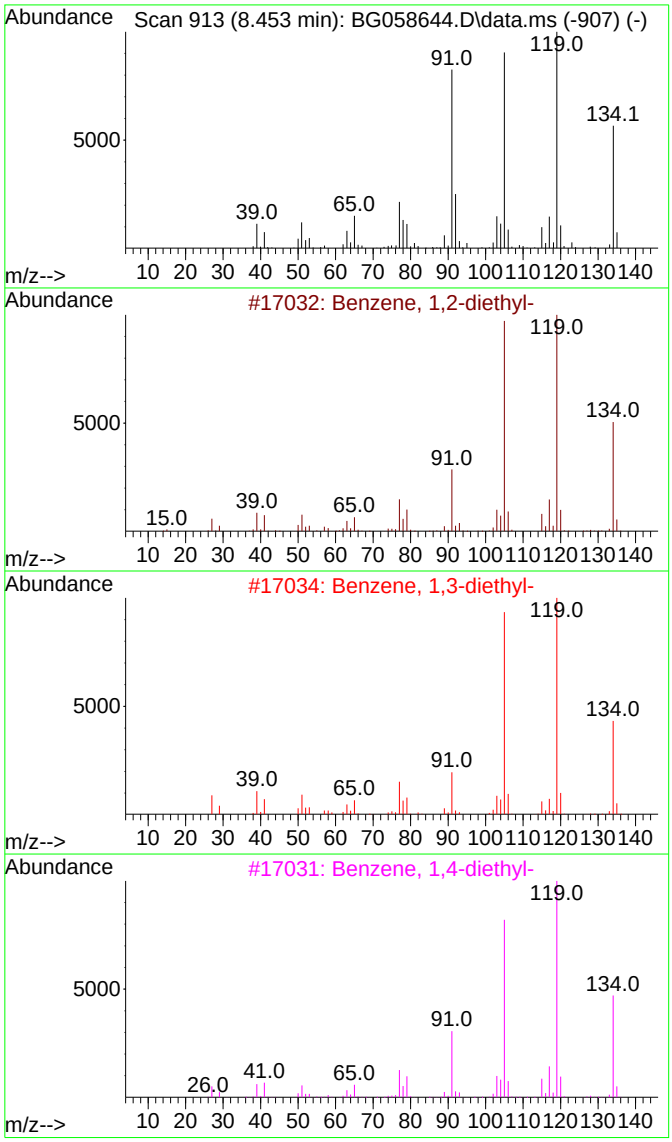
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

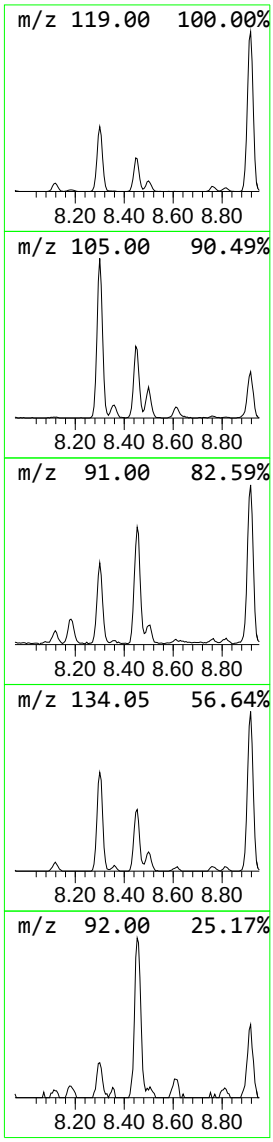
****

Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.453	38.50 ng	301679	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

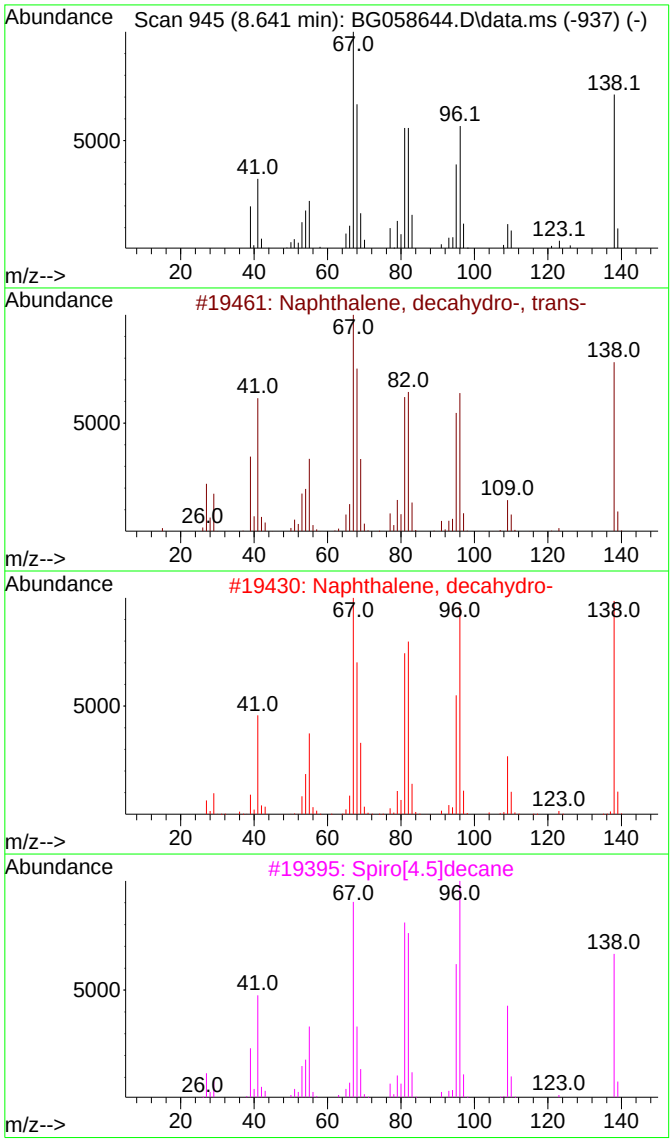
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

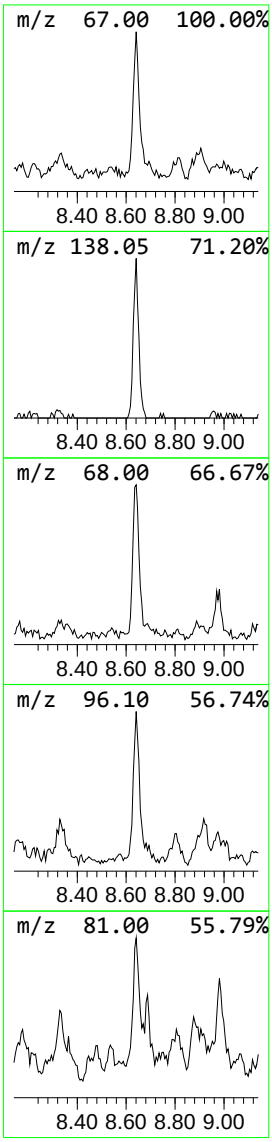
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.641	15.76 ng	123489	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3	Spiro[4.5]decane	138	C10H18	000176-63-6	91
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	89
5	2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

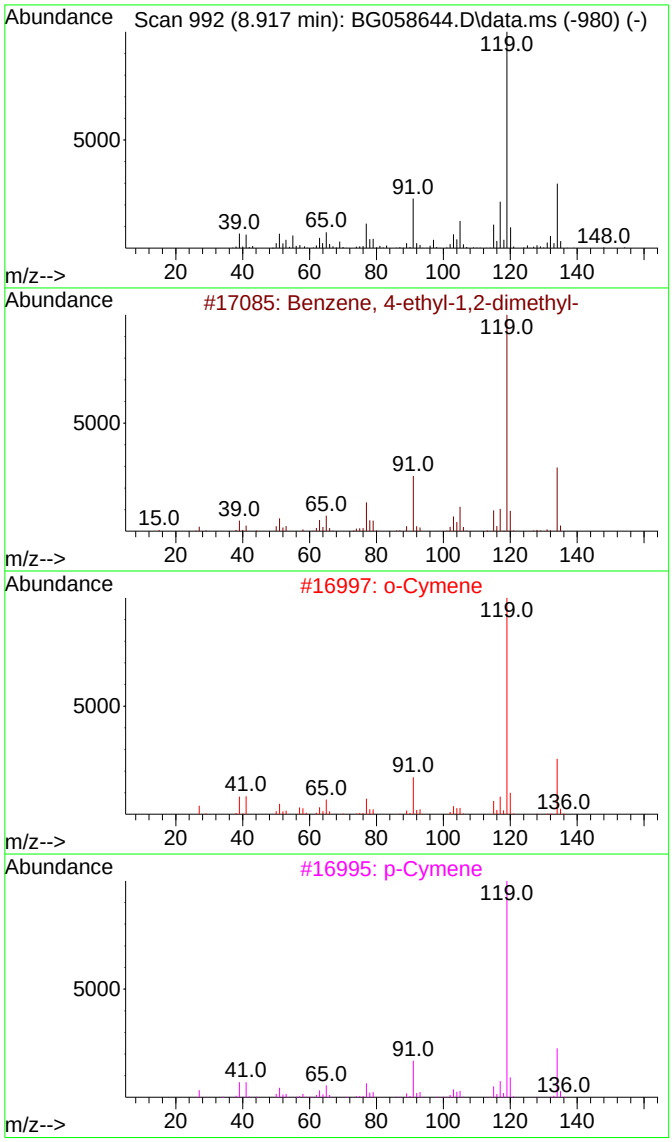
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

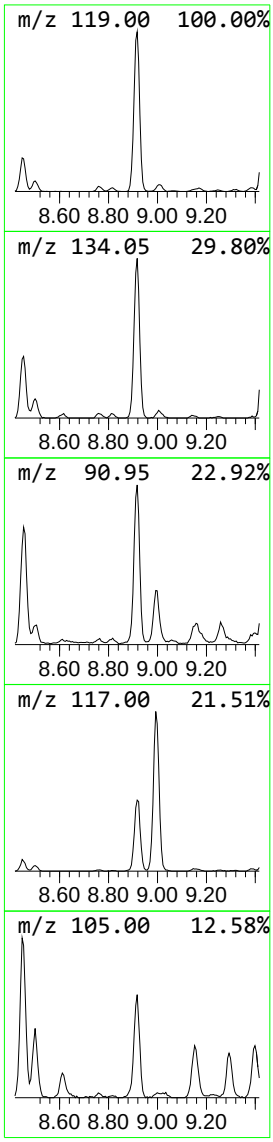
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.917	116.14 ng	909930	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

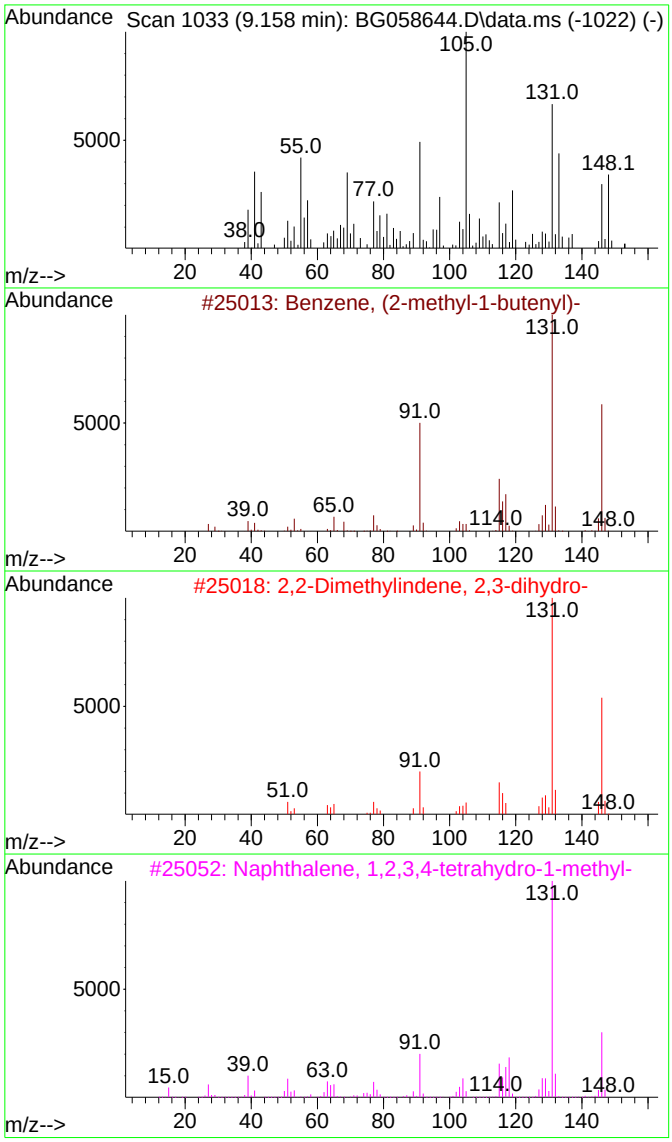
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

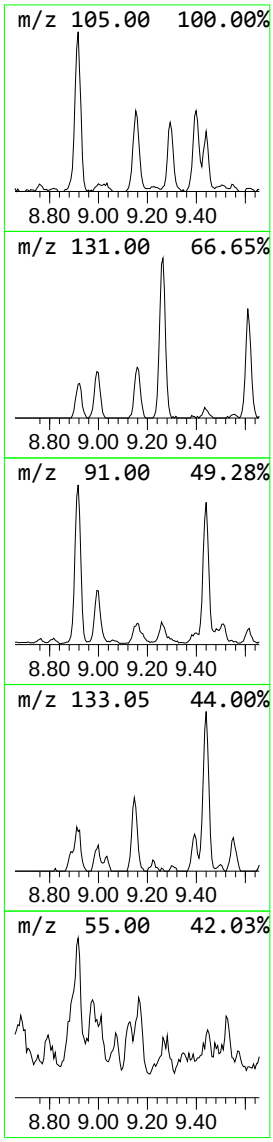
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.158	37.48 ng	293624	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	56
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
4	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	38
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

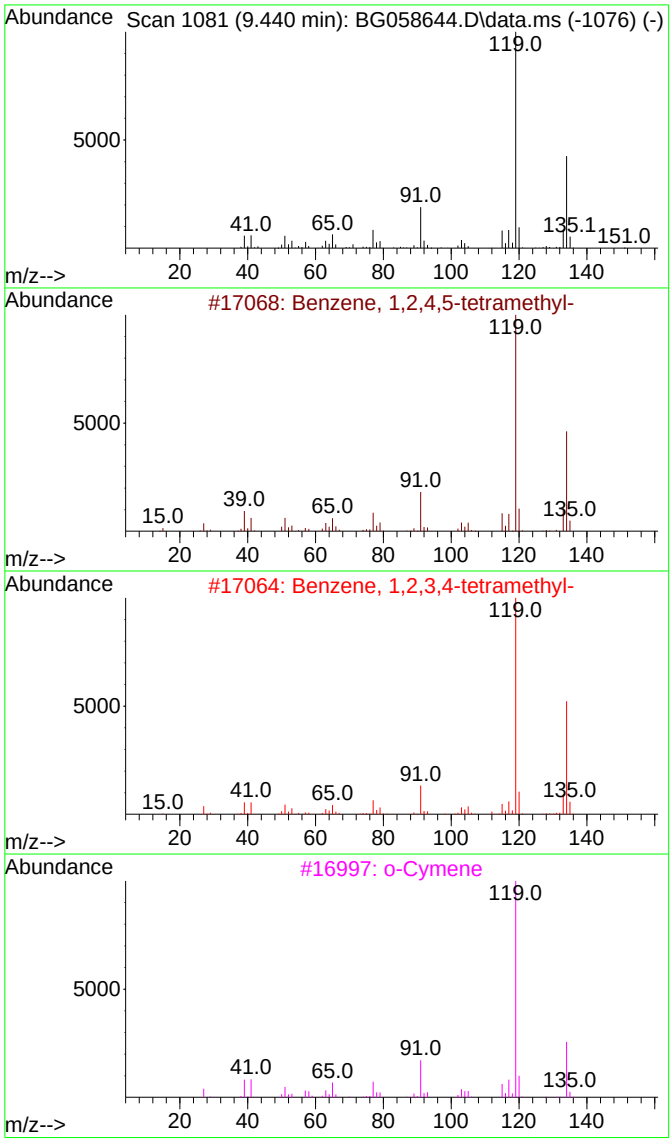
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

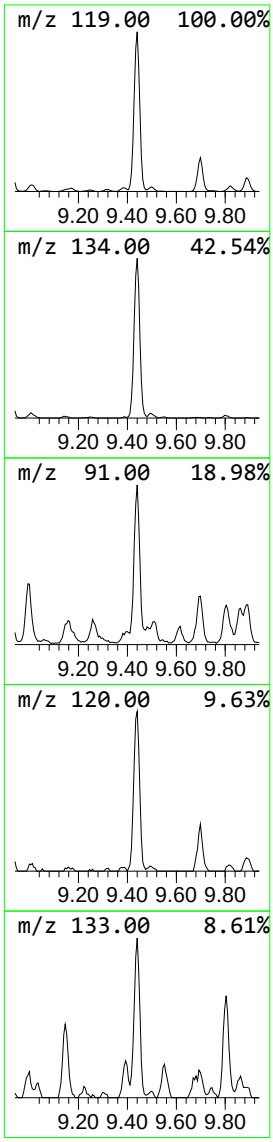
****

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.440	18.20 ng	643301	Naphthalene-d8	10.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

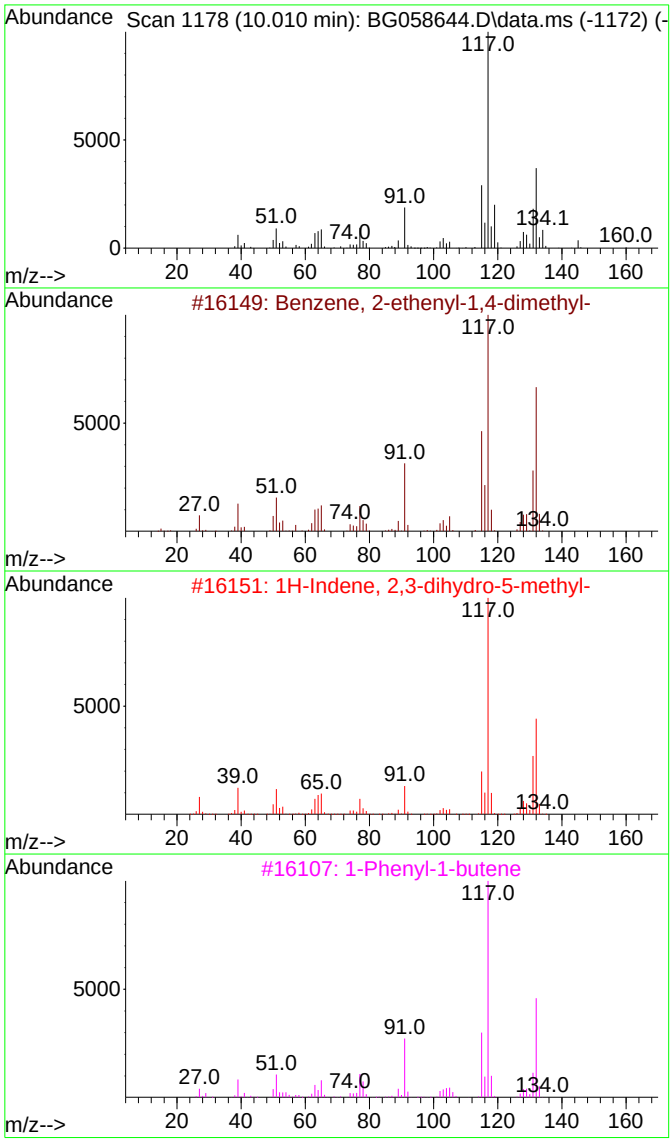
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

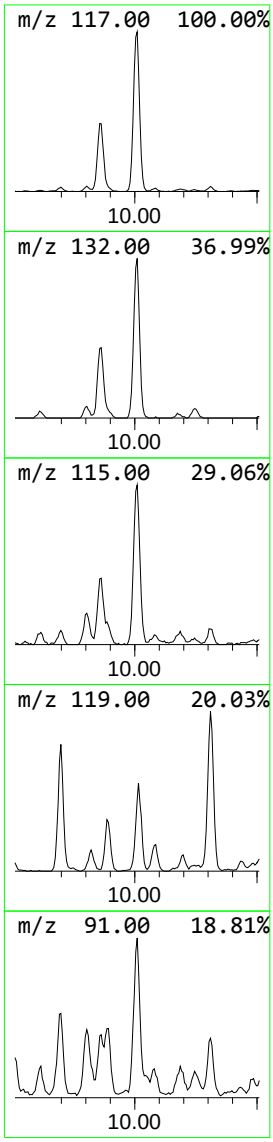
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.010	16.71 ng	590881	Naphthalene-d8	10.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058644.D
Acq On : 8 Aug 2023 15:47
Operator : MA/JU
Sample : 03903-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1,...	4.998	15.8	ng	124116	1	7.812	156700	20.0
Cyclohexane, 1,...	5.239	21.5	ng	168514	1	7.812	156700	20.0
Cyclopentane, (...	5.679	19.4	ng	151903	1	7.812	156700	20.0
1-Ethyl-4-methy...	5.756	19.7	ng	154151	1	7.812	156700	20.0
Cyclohexane, 1,...	6.073	30.8	ng	241661	1	7.812	156700	20.0
Cis-bicyclo[4.2...	6.302	40.2	ng	314861	1	7.812	156700	20.0
Octane, 2,6-dim...	6.355	18.1	ng	142022	1	7.812	156700	20.0
Cyclohexane, pr...	6.443	53.5	ng	419456	1	7.812	156700	20.0
Decane, 2,5,6-t...	6.702	19.0	ng	149186	1	7.812	156700	20.0
Benzene, propyl-	6.790	35.0	ng	274223	1	7.812	156700	20.0
Benzene, 1,2,3-...	7.454	19.9	ng	156337	1	7.812	156700	20.0
unknown7.712	7.712	17.8	ng	139278	1	7.812	156700	20.0
Indane	8.182	20.3	ng	159037	1	7.812	156700	20.0
Benzene, 1,3-di...	8.300	62.2	ng	487283	1	7.812	156700	20.0
Benzene, 1,2-di...	8.453	38.5	ng	301679	1	7.812	156700	20.0
Naphthalene, de...	8.641	15.8	ng	123489	1	7.812	156700	20.0
Benzene, 4-ethy...	8.917	116.1	ng	909930	1	7.812	156700	20.0
Benzene, (2-met...	9.158	37.5	ng	293624	1	7.812	156700	20.0
Benzene, 1,2,4,...	9.440	18.2	ng	643301	2	10.615	707089	20.0
Benzene, 2-ethe...	10.010	16.7	ng	590881	2	10.615	707089	20.0