LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	47	53	62	rVB	453246	717862	2.38%	0.301%
2	3.896	89	95	100	rVB3	230452	384135	1.27%	0.161%
3	4.119	126	133	137	rBV	2177568	2984688	9.90%	1.253%
4	4.354	168	173	179	rBV	333926	471210	1.56%	0.198%
5	4.419	179	184	186	rVV	306046	416364	1.38%	0.175%
6	4.448	186	189	197	rVB	381529	509315	1.69%	0.214%
7	5.437	350	357	363	rBV	12330614	18737091	62.16%	7.863%
8	5.513	363	370	374	rVV	1231821	2042910	6.78%	0.857%
9	5.595	374	384	390	rVB	13114854	30144918	100.00%	12.651%
10	5.937	431	442	453	rBV	12241287	19384896	64.31%	8.135%
11	6.201	478	487	498	rVB3	182394	336143	1.12%	0.141%
12	6.413	513	523	534	rBV	890870	1455911	4.83%	0.611%
13	6.901	599	606	612	rBV	1358762	2100506	6.97%	0.882%
14	7.007	616	624	629	rVV	3877082	6098124	20.23%	2.559%
15	7.066	629	634	638	rVV	3192626	4921090	16.32%	2.065%
16	7.101	638	640	643	rVV	730983	1059503	3.51%	0.445%
17	7.142	643	647	653	rVV	2804168	4277978	14.19%	1.795%
18	7.307	667	675	681	rBV	3342829	5426133	18.00%	2.277%
19	7.366	681	685	701	rVB3	199725	454689	1.51%	0.191%
20	7.572	707	720	728	rBV	12114386	19392001	64.33%	8.138%
21	7.925	770	780	784	rBV	495736	896467	2.97%	0.376%
22	8.036	791	799	805	rBV	4387539	7444327	24.70%	3.124%
23	8.160	805	820	824	rVV2	465133	2105639	6.99%	0.884%
24	8.295	824	843	852	rVV	5229328	10519880	34.90%	4.415%
25	8.407	852	862	866	rVV	509348	908984	3.02%	0.381%
26	8.460	866	871	880	rVB2	843909	1370904	4.55%	0.575%
27	8.554	880	887	893	rBV2	1154268	1957358	6.49%	0.821%
28	8.719	909	915	926	rVB	401916	675290	2.24%	0.283%
29	8.866	934	940	945	rBV	699727	1128060	3.74%	0.473%
30	8.925	945	950	953	rVV	676159	1333918	4.43%	0.560%
31	9.025	956	967	972	rVV4	2389778	6831008	22.66%	2.867%
32	9.089	972	978	985	rVV3	3521790	9508105	31.54%	3.990%
33	9.160	988	990	994	rVB	1551544	1694138	5.62%	0.711%
34	9.348	1016	1022	1028	rVV	432771	816366	2.71%	0.343%
35	9.542	1049	1055	1060	rBV	851803	1315545	4.36%	0.552%
36	9.601	1060	1065	1070	rVB	961357	1452769	4.82%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.695	1077	1081	1084	rBV	237084	394532	1.31%	0.166%
38	9.907	1111	1117	1122	rBV4	211551	475850	1.58%	0.200%
39	9.966	1122	1127	1140	rVB	987719	1773196	5.88%	0.744%
40	10.113	1140	1152	1161	rBV2	2247547	4473418	14.84%	1.877%
41	10.254	1166	1176	1180	rVV10	198943	703183	2.33%	0.295%
42	10.354	1187	1193	1199	rVV2	565457	992997	3.29%	0.417%
43	10.719	1243	1255	1258	rBV2	555457	1360107	4.51%	0.571%
44	10.772	1258	1264	1270	rVV	5236972	8976932	29.78%	3.767%
45	10.889	1277	1284	1288	rVB2	168494	305353	1.01%	0.128%
46	11.307	1349	1355	1358	rBV3	143252	302499	1.00%	0.127%
47	11.624	1404	1409	1418	rVB	225638	441453	1.46%	0.185%
48	11.819	1437	1442	1451	rVB3	212152	452841	1.50%	0.190%
49	11.901	1451	1456	1465	rVB	233891	426486	1.41%	0.179%
50	12.107	1485	1491	1498	rVB3	385207	719111	2.39%	0.302%
51	12.260	1513	1517	1524	rVB3	212726	375493	1.25%	0.158%
52	12.377	1525	1537	1543	rBV	2814049	4821761	16.00%	2.024%
53	12.442	1543	1548	1553	rVB2	199404	317141	1.05%	0.133%
54	12.595	1564	1574	1580	rBV2	2969475	5219047	17.31%	2.190%
55	12.666	1584	1586	1590	rVV2	311009	486645	1.61%	0.204%
56	12.724	1590	1596	1607	rVB5	256269	673797	2.24%	0.283%
57	13.013	1641	1645	1654	rVB	219909	336563	1.12%	0.141%
58	13.171	1662	1672	1679	rBV	3925578	5970273	19.81%	2.506%
59	13.377	1701	1707	1712	rVB2	212955	474059	1.57%	0.199%
60	13.571	1735	1740	1750	rVB2	297461	697391	2.31%	0.293%
61	13.724	1754	1766	1772	rBV4	601389	1868958	6.20%	0.784%
62	13.866	1784	1790	1795	rBV	782583	1474565	4.89%	0.619%
63	13.918	1795	1799	1811	rVB	606198	1089821	3.62%	0.457%
64	14.101	1826	1830	1834	rBV	282484	404036	1.34%	0.170%
65	14.177	1840	1843	1850	rVB3	195336	305496	1.01%	0.128%
66	14.365	1871	1875	1884	rVB	252979	385348	1.28%	0.162%
67	14.548	1896	1906	1912	rBV2	969649	1766139	5.86%	0.741%
68	14.736	1935	1938	1949	rVB4	125628	306684	1.02%	0.129%
69	14.942	1968	1973	1980	rVB	190347	333065	1.10%	0.140%
70	16.036	2152	2159	2179	rVB	2912281	4423562	14.67%	1.856%
71	17.283	2366	2371	2376	rBV	1109321	1640612	5.44%	0.689%
72	19.895	2809	2815	2823	rBV	6298715	8022385	26.61%	3.367%
73	21.447	3074	3079	3086	rBV	1448169	1885631	6.26%	0.791%
74	23.777	3469	3475	3482	rVB2	940624	1935909	6.42%	0.812%

Sum of corrected areas: 238286564

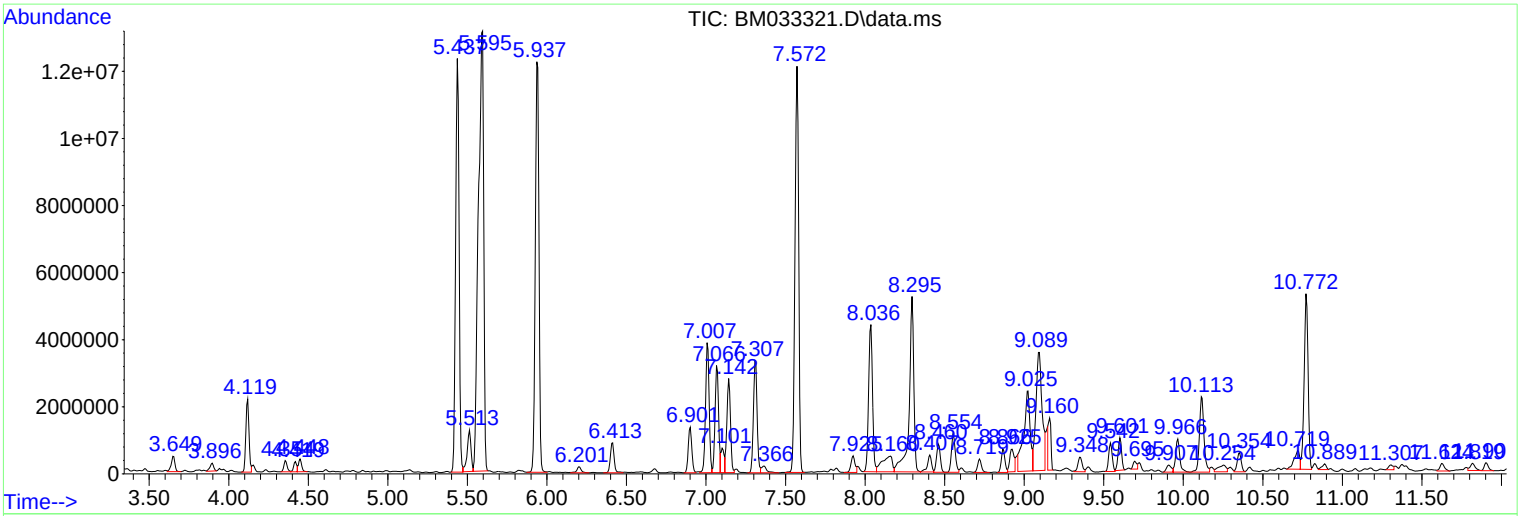
Instrument :
BNA_M
ClientSampleId :
MW-38

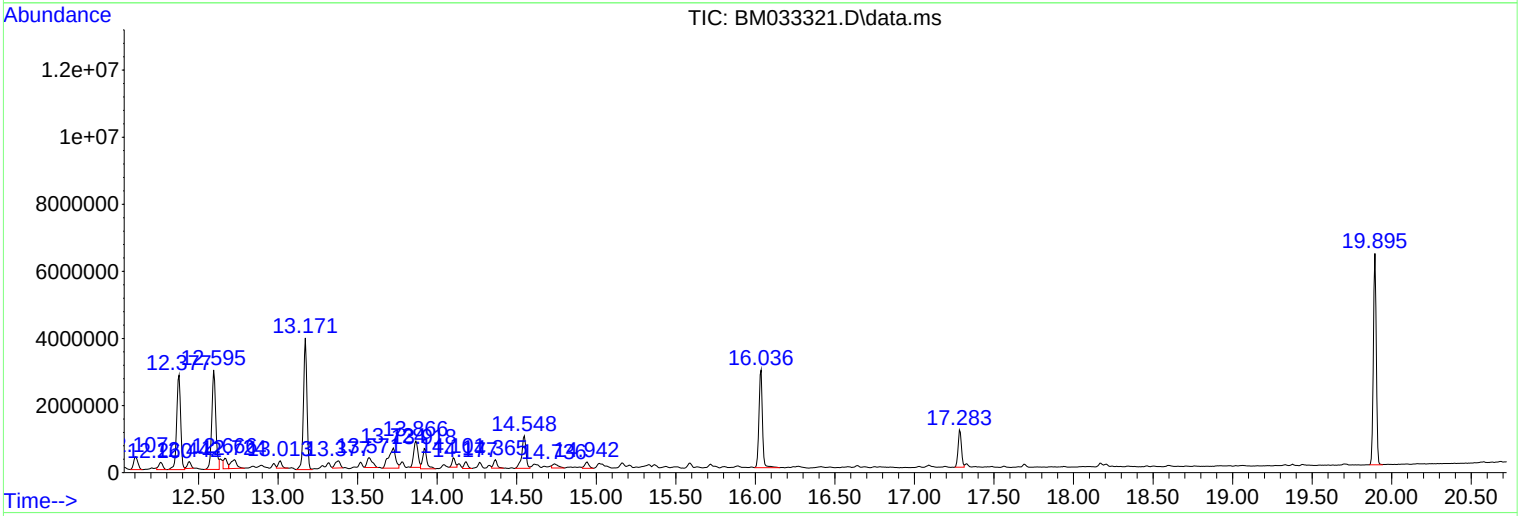
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

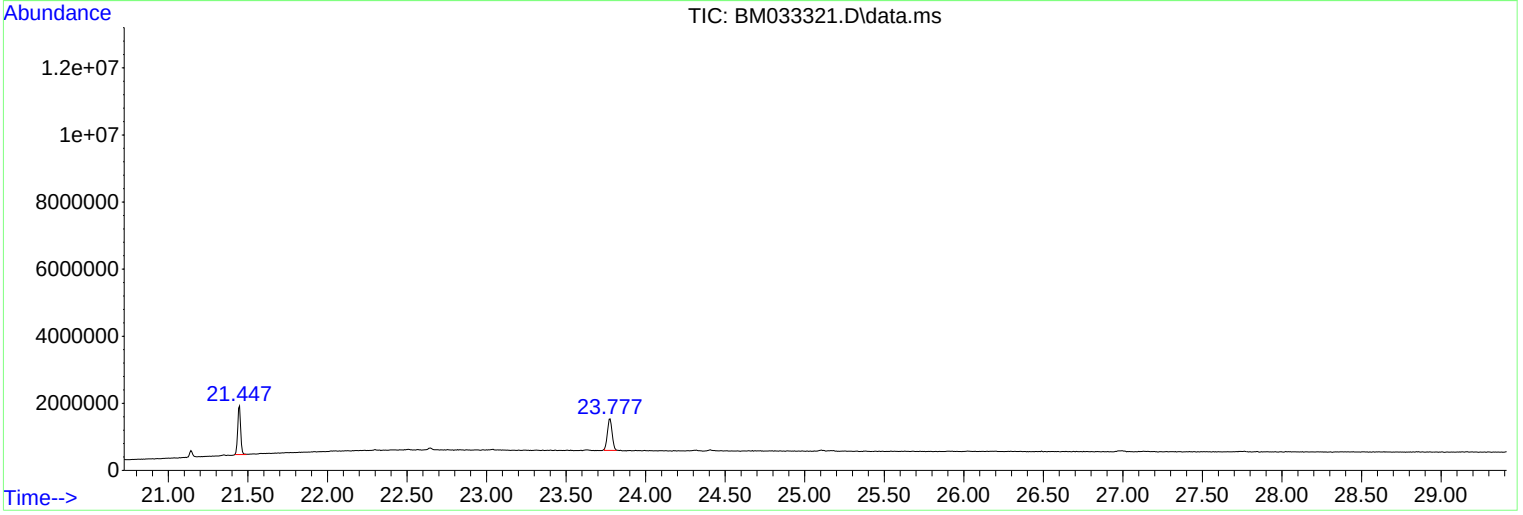
Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

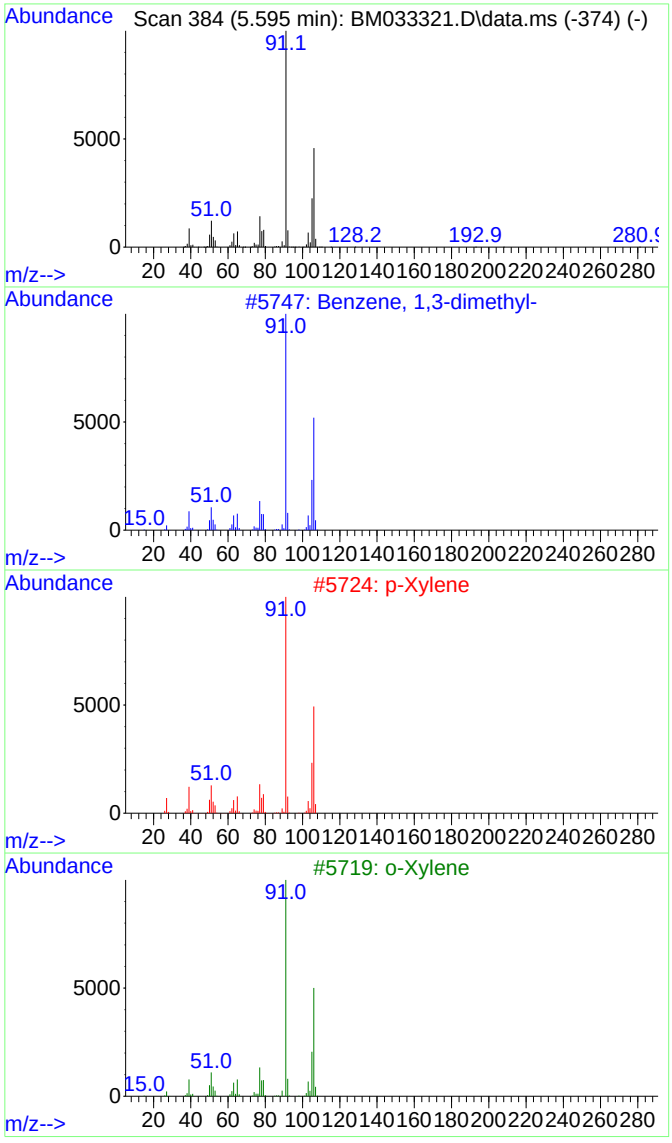
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

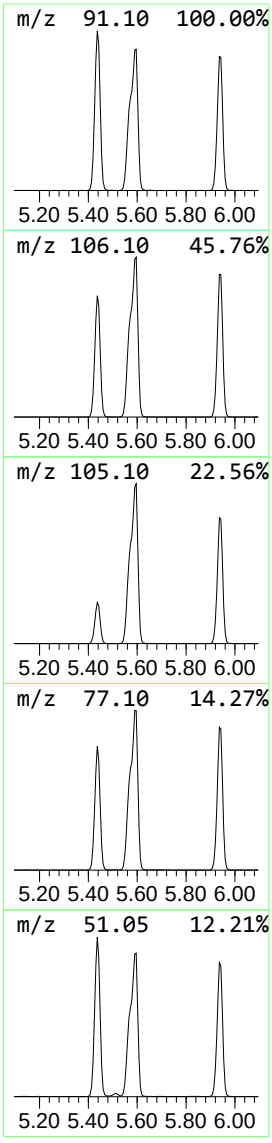
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.595	672.53 ng	30144900	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

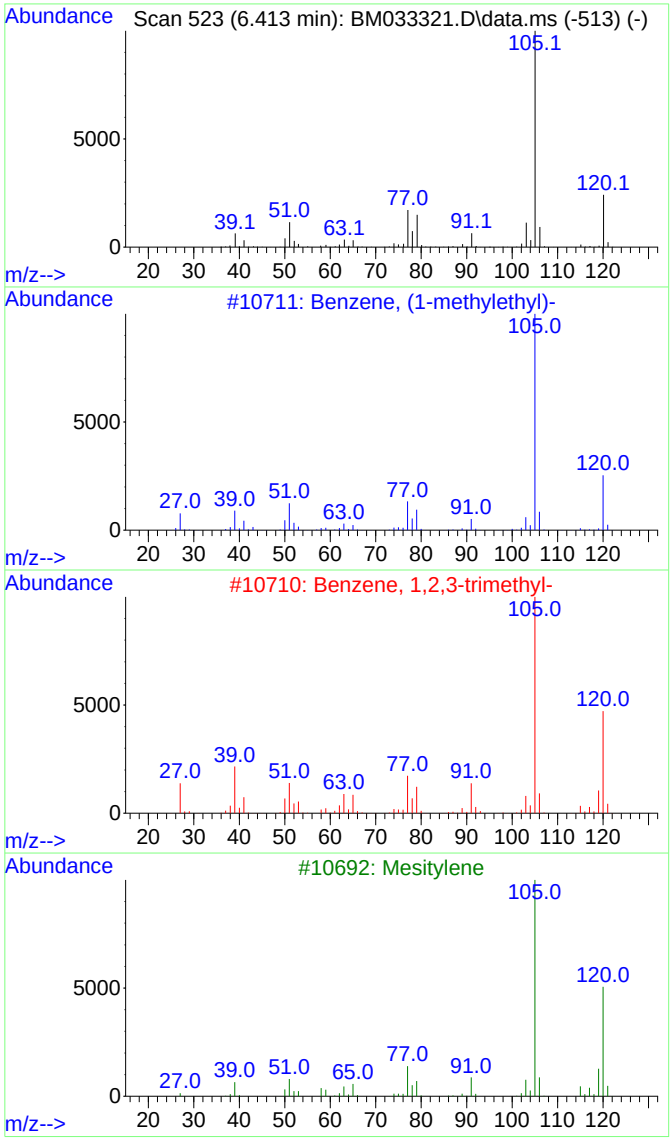
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

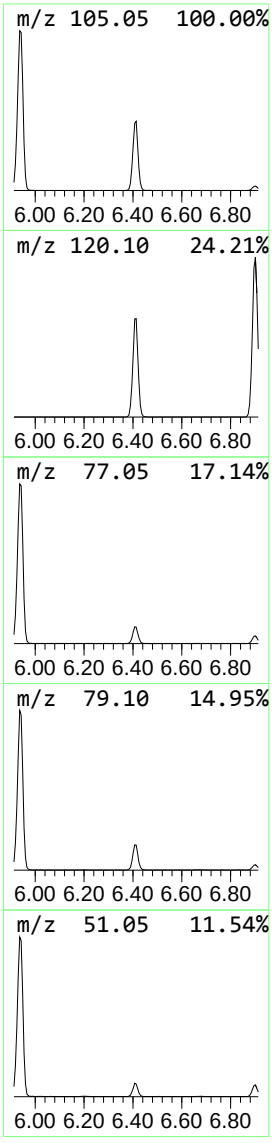
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.413	32.48 ng	1455910	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

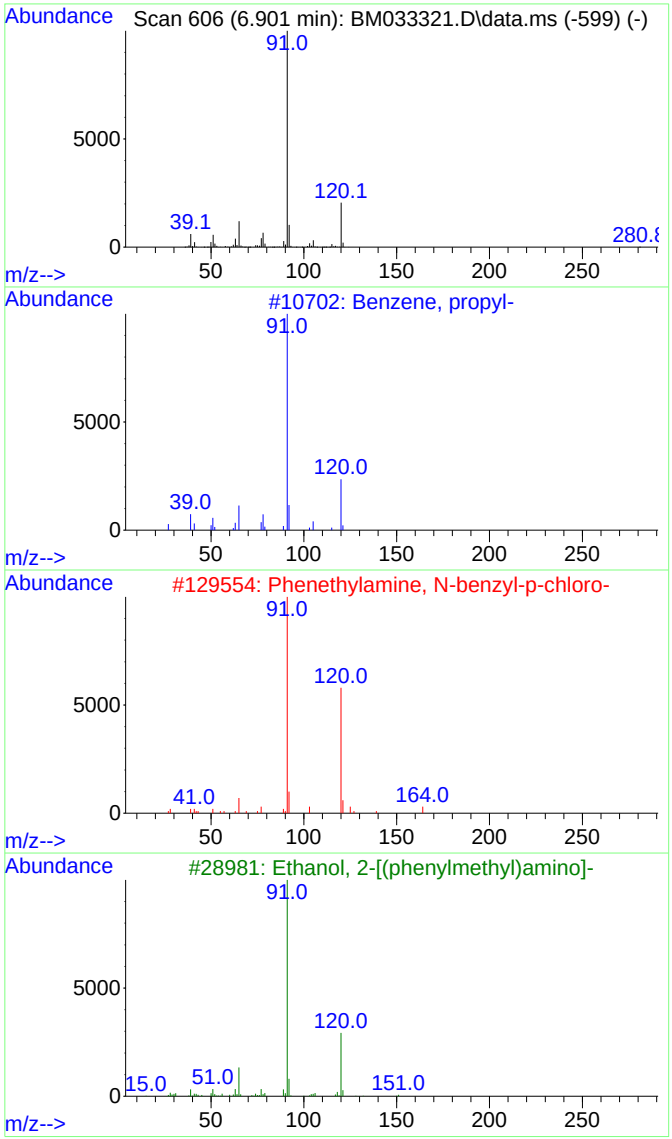
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

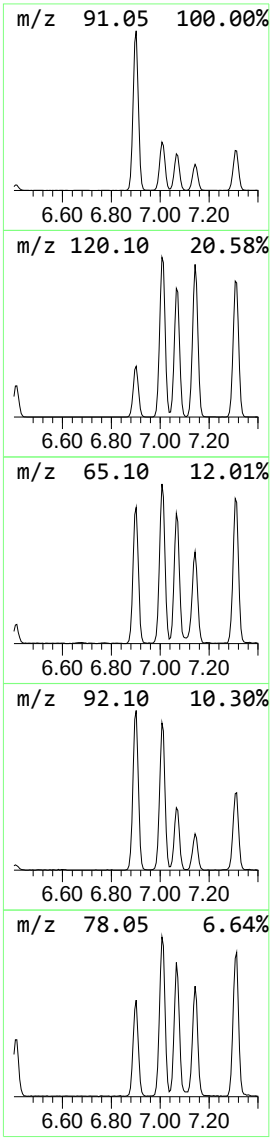
****

Peak Number 6 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.901	46.86 ng	2100510	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

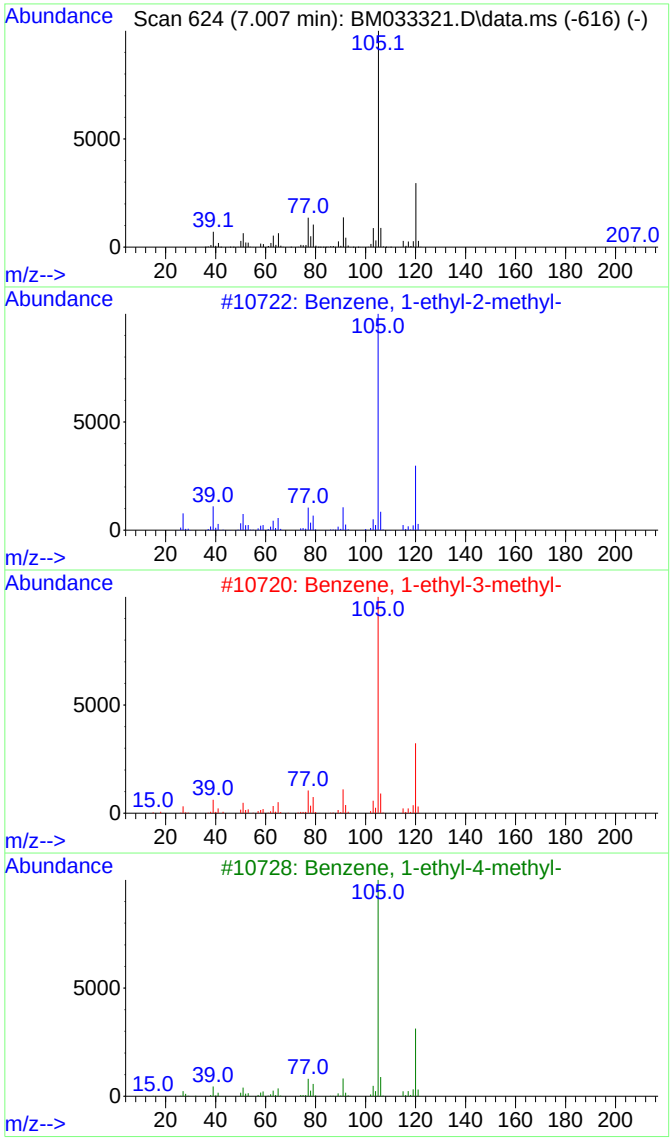
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

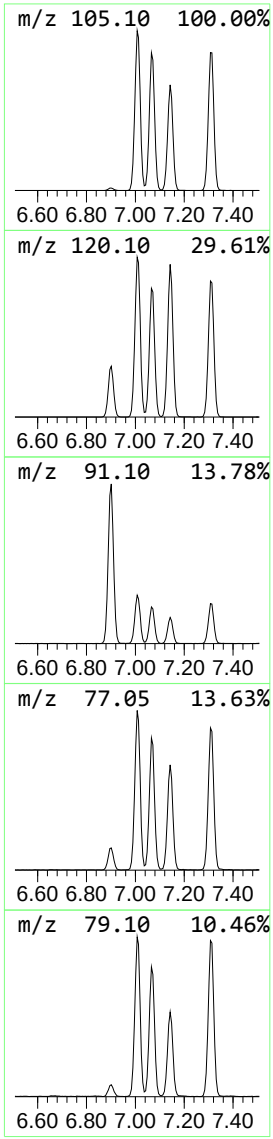
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.007	136.05 ng	6098120	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

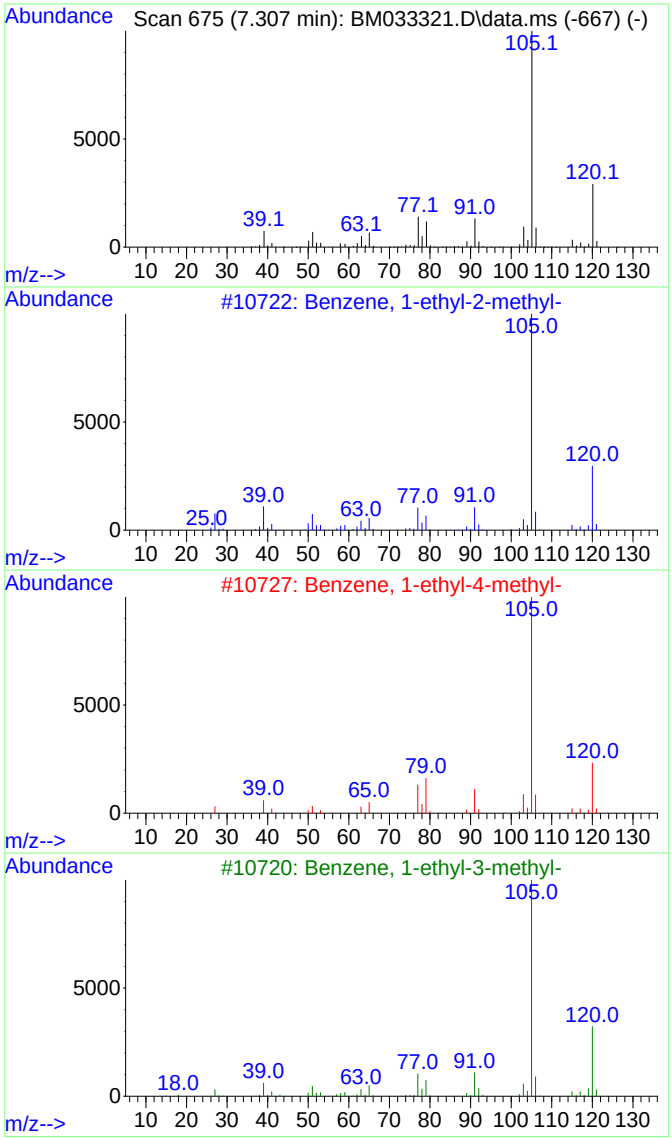
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

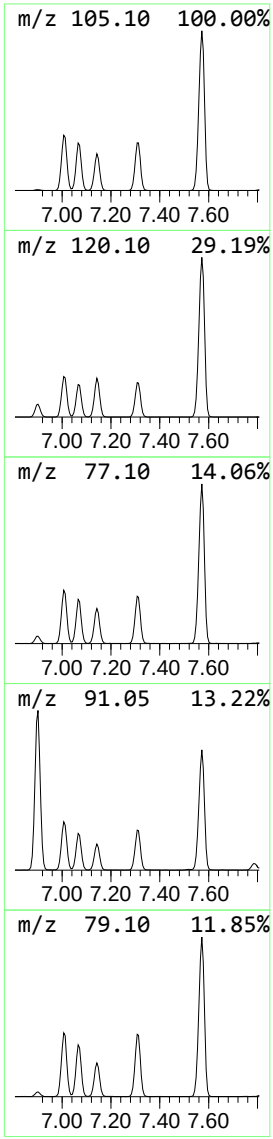
****

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.307	121.06 ng	5426130	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

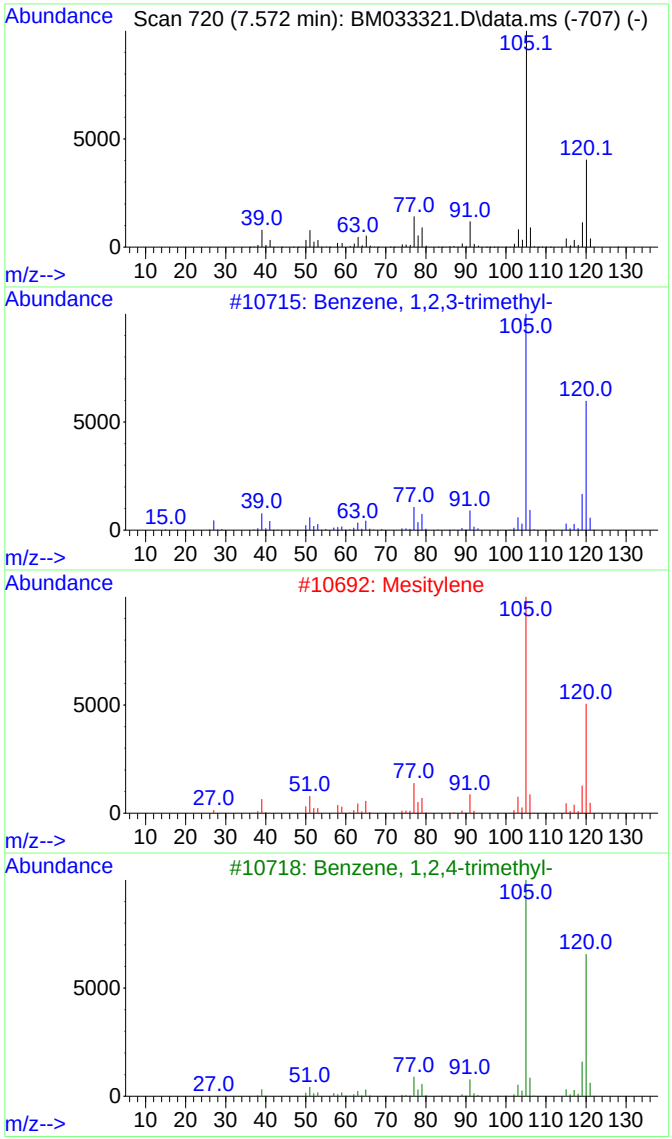
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

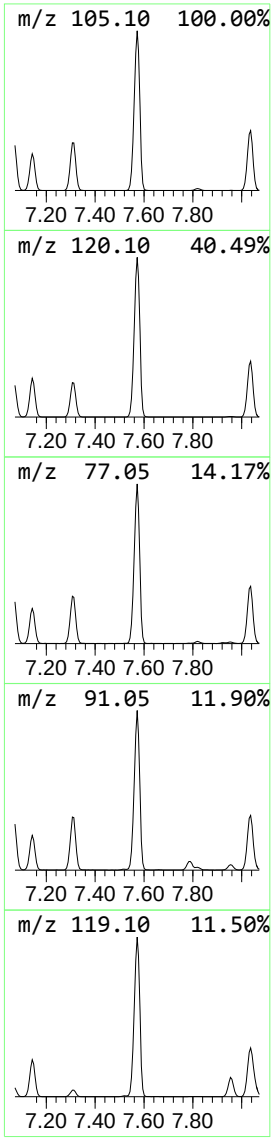
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.572	432.63 ng	19392000	1,4-Dichlorobenzene-d4	7.925

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	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

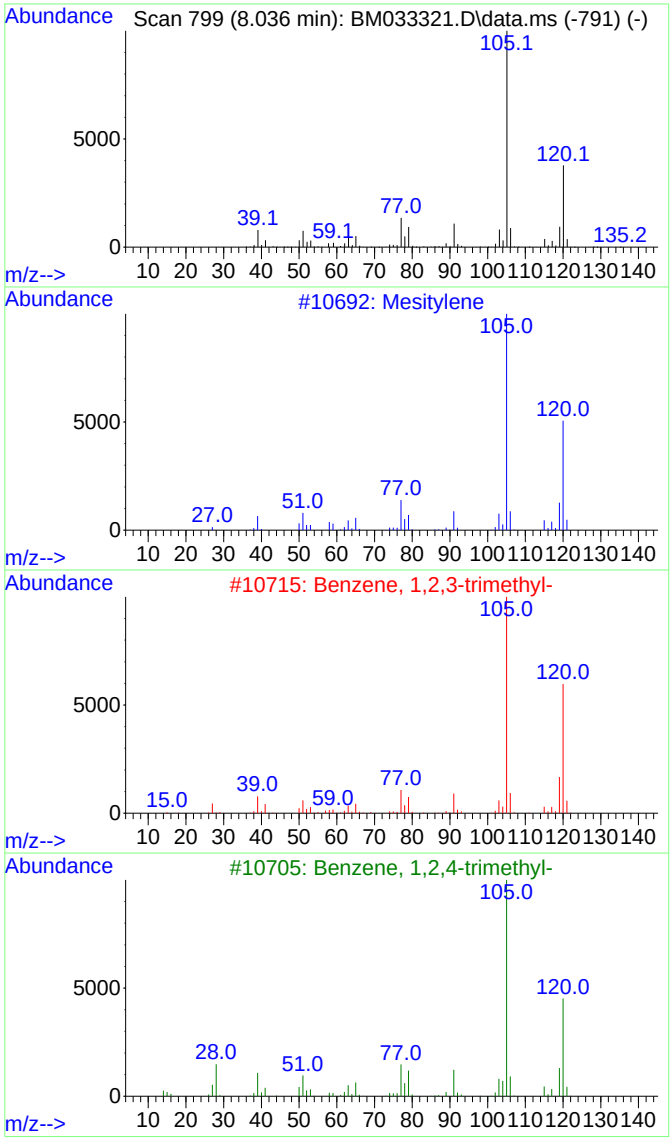
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

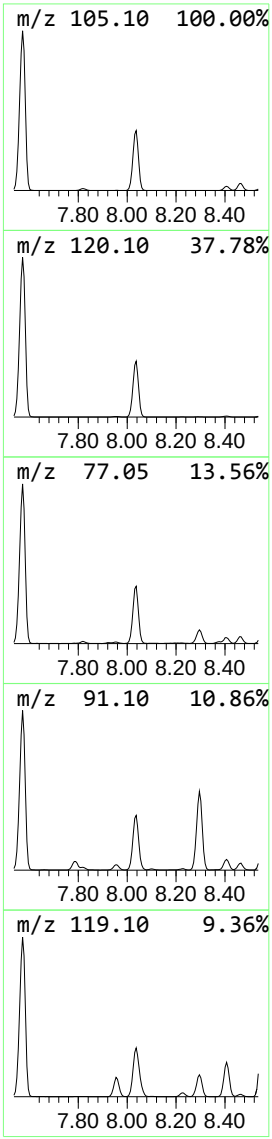
****

Peak Number 10 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.036	166.08 ng	7444330	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

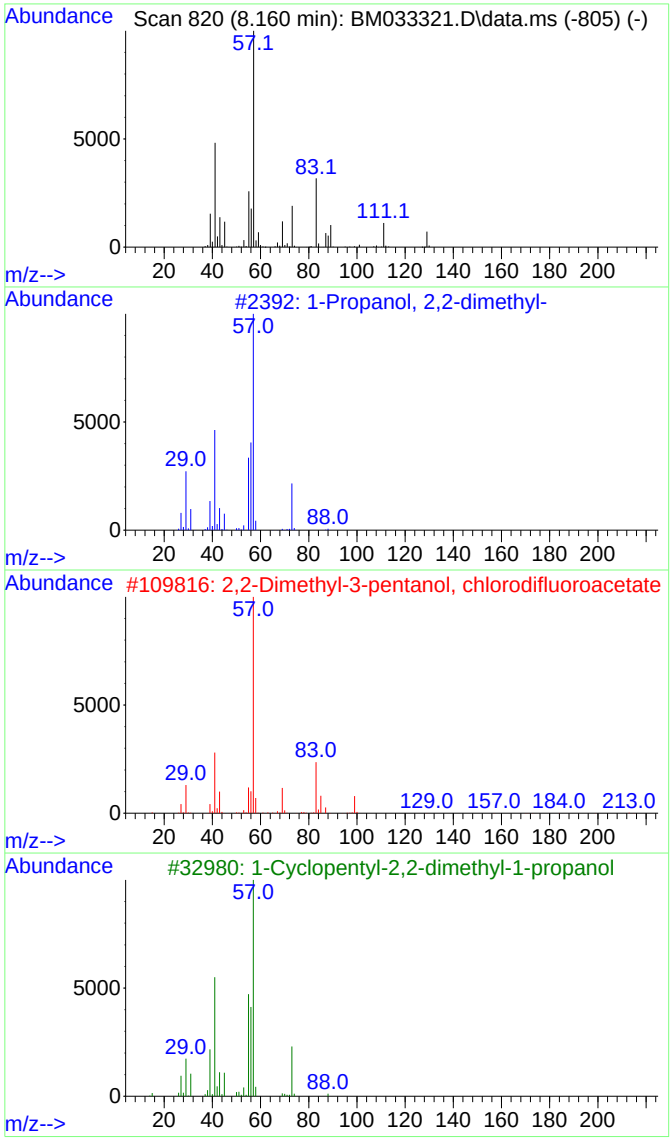
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

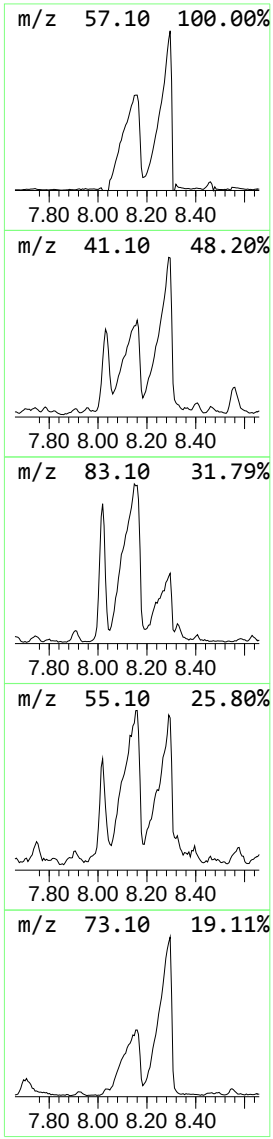
****

Peak Number 11 unknown8.160 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.160	46.98 ng	2105640	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	12
2	2,2-Dimethyl-3-pentanol, chlorod...	228	C9H15ClF2O2	1000376-26-4	12
3	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	12
4	Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	9
5	1,2-Dibutoxyethane	174	C10H22O2	000112-48-1	9





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Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

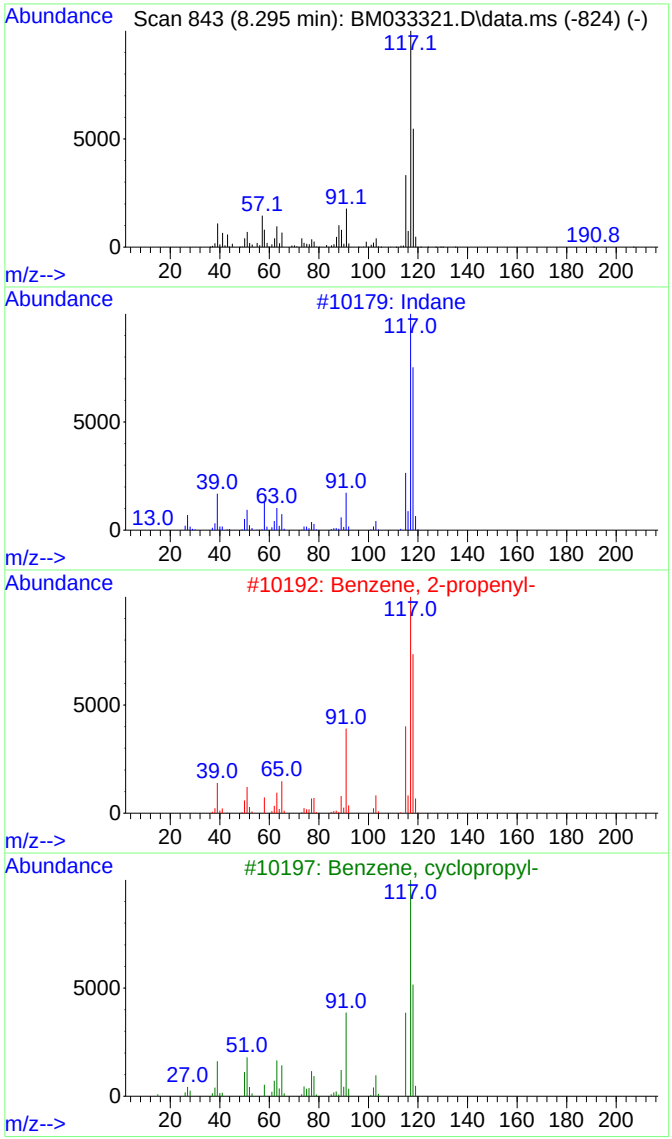
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

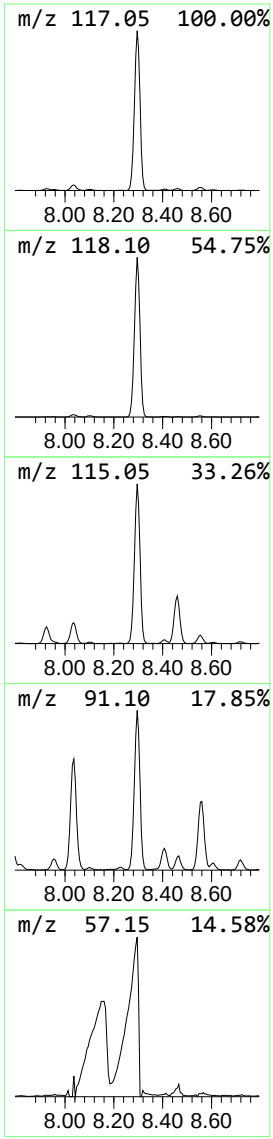
****

Peak Number 12 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	234.70 ng	10519900	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	50





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Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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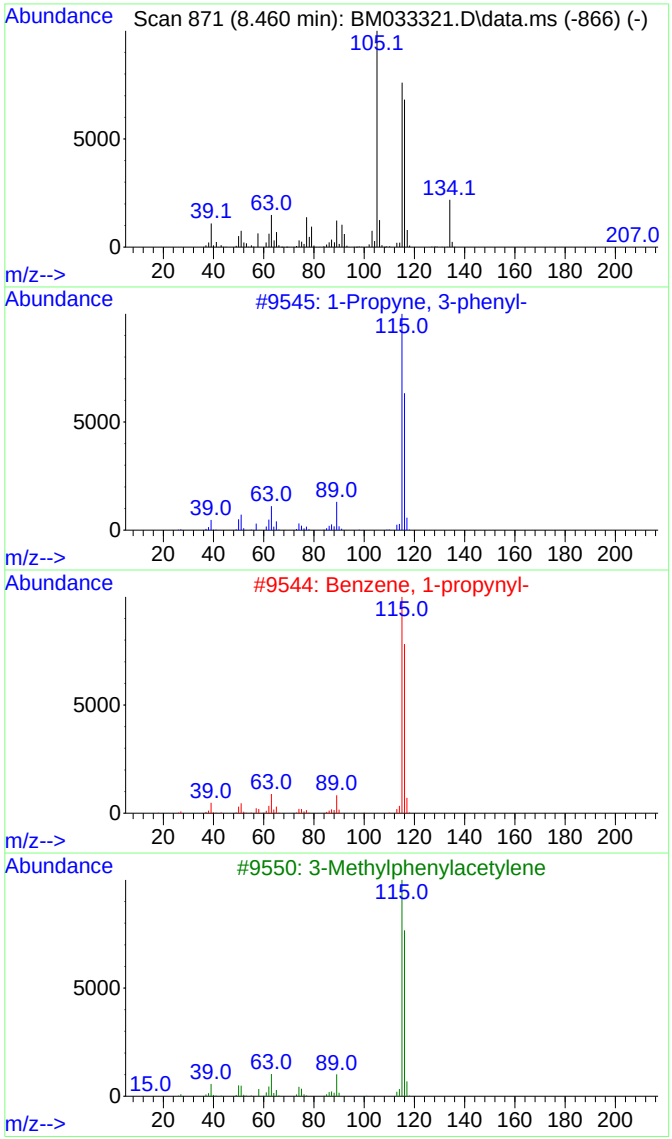
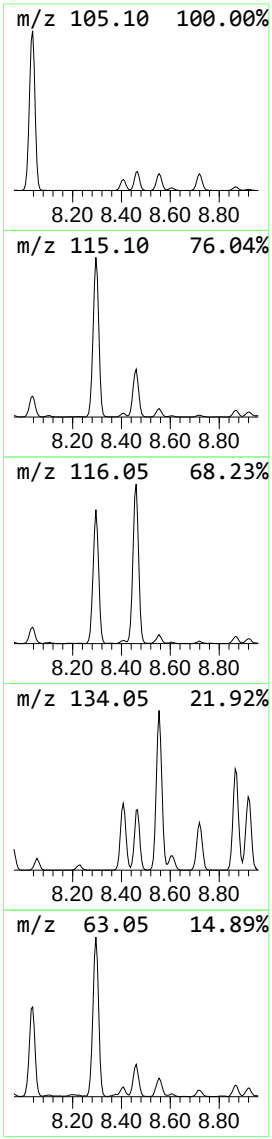
Peak Number 13 1-Propyne, 3-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.460	30.58 ng	1370900	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	92
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	70
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	64
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	62





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Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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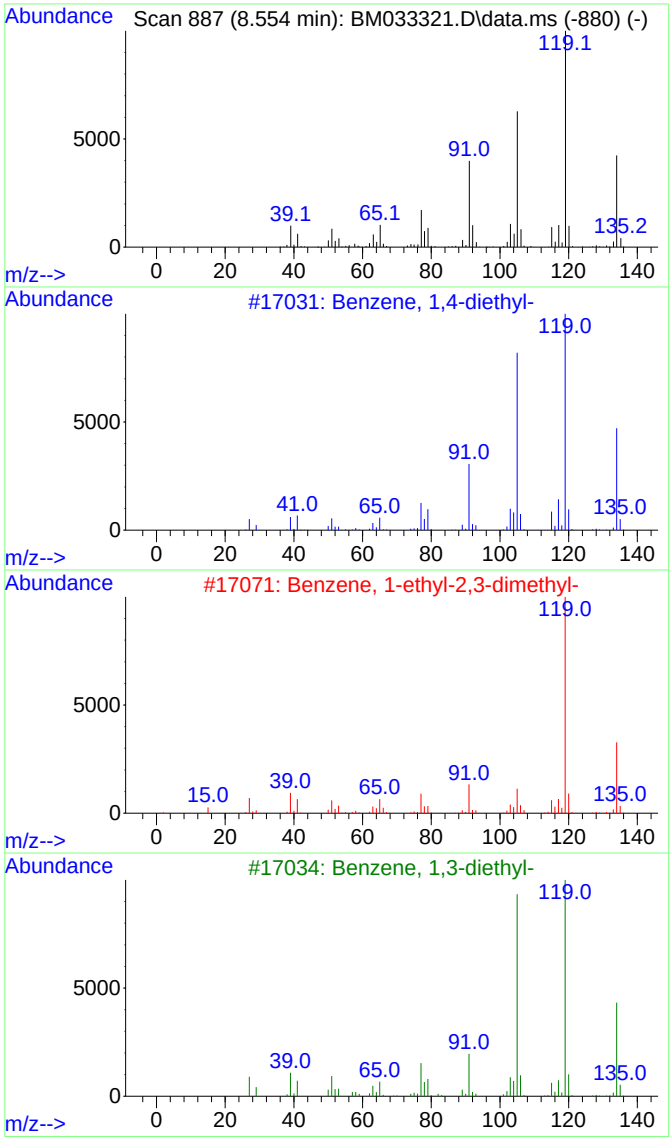
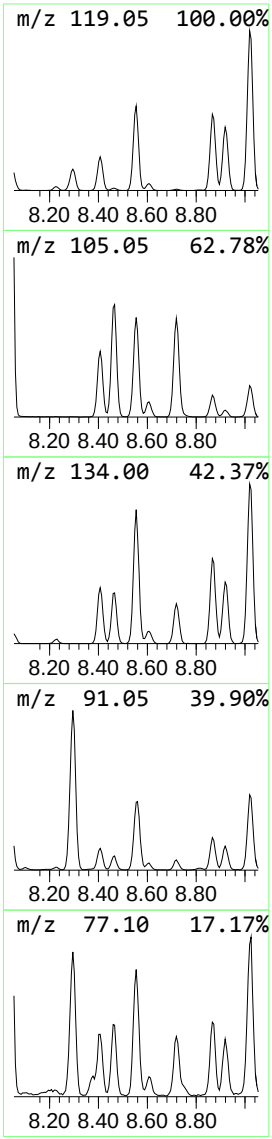
Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.554	43.67 ng	1957360	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

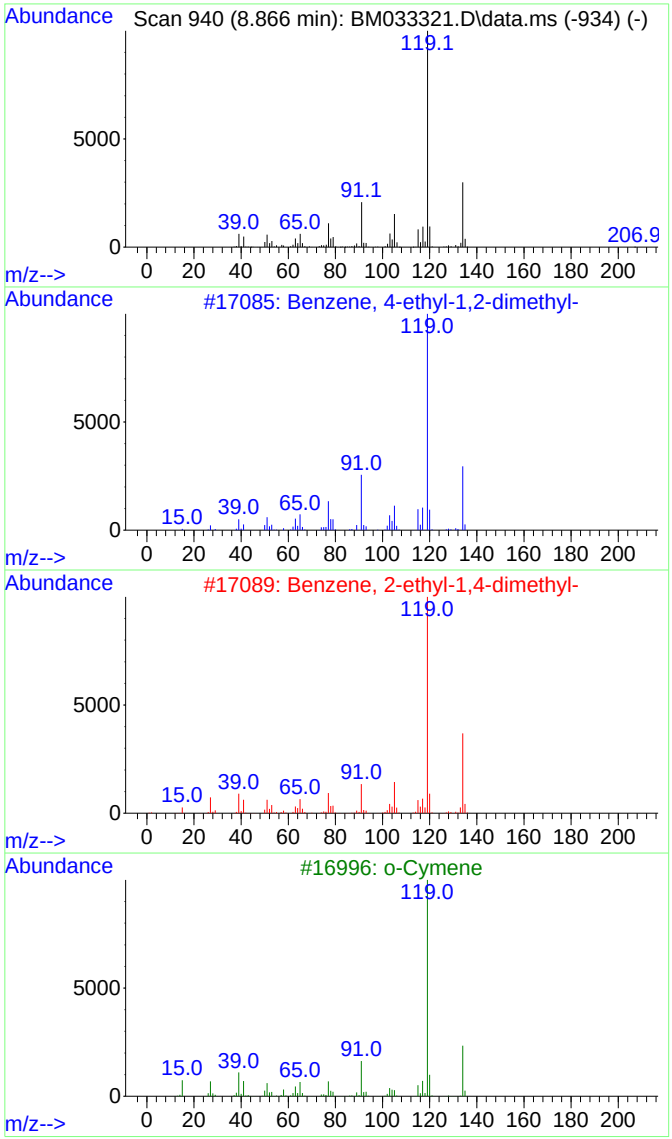
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

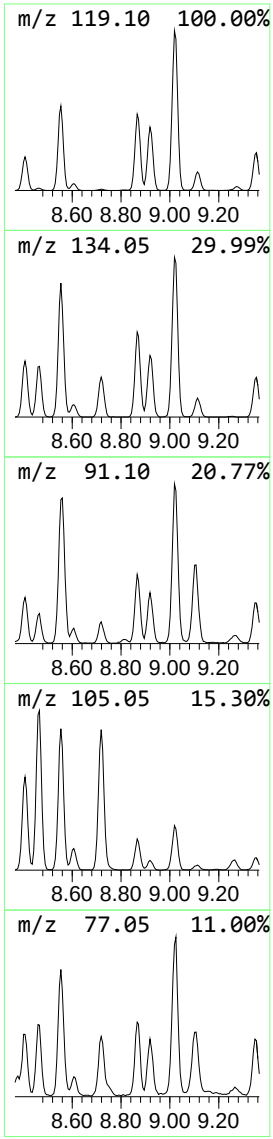
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.866	25.17 ng	1128060	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

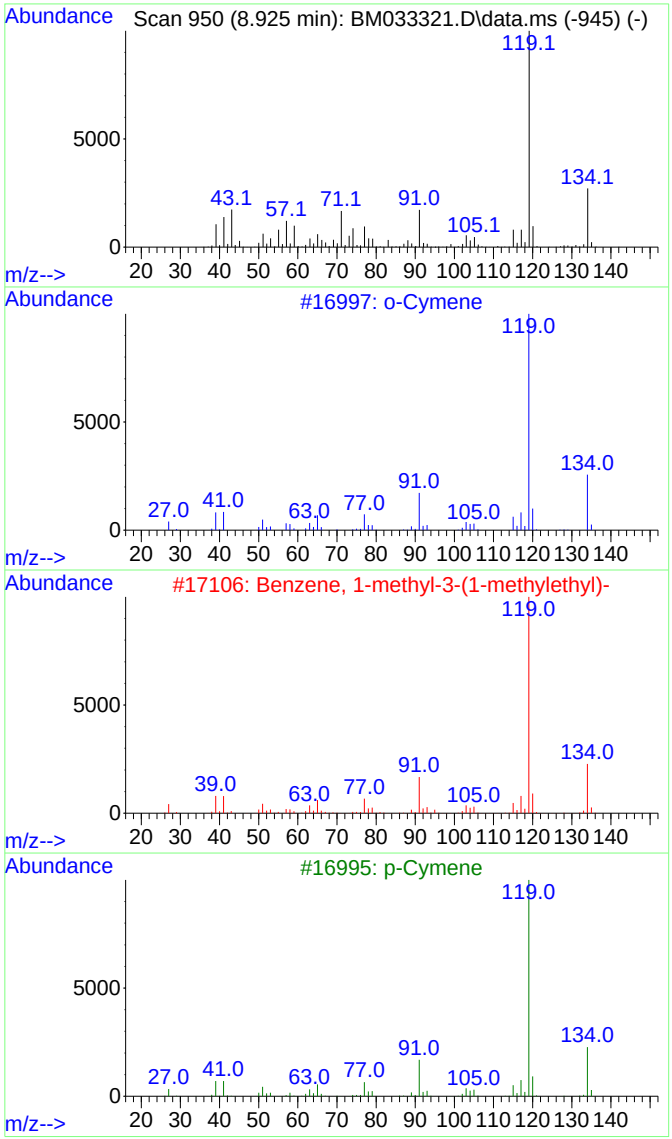
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

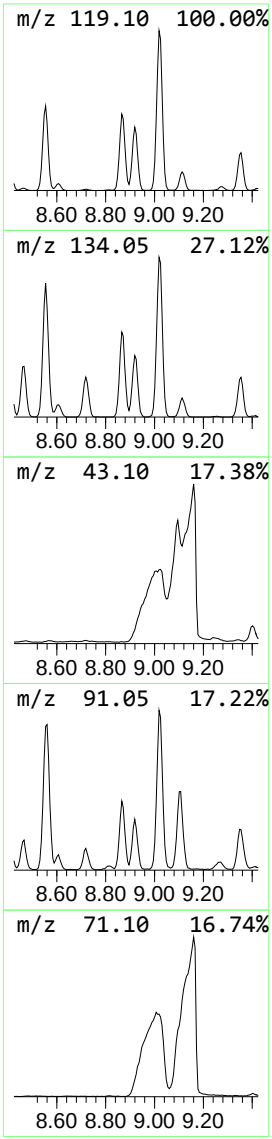
****

Peak Number 16 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.925	29.76 ng	1333920	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

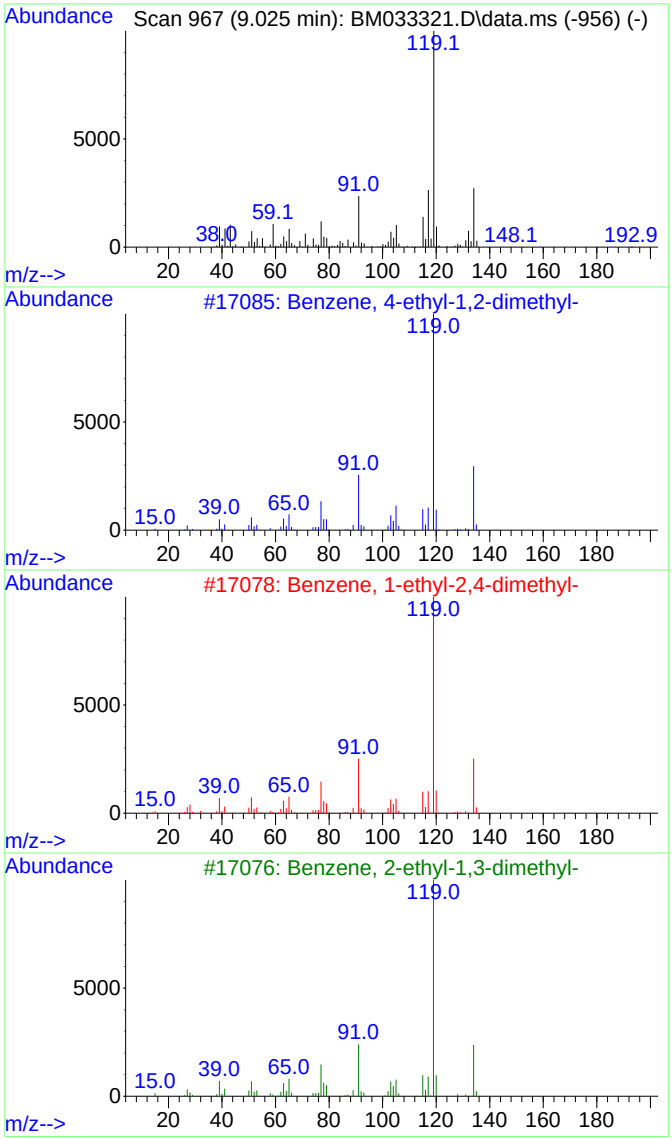
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

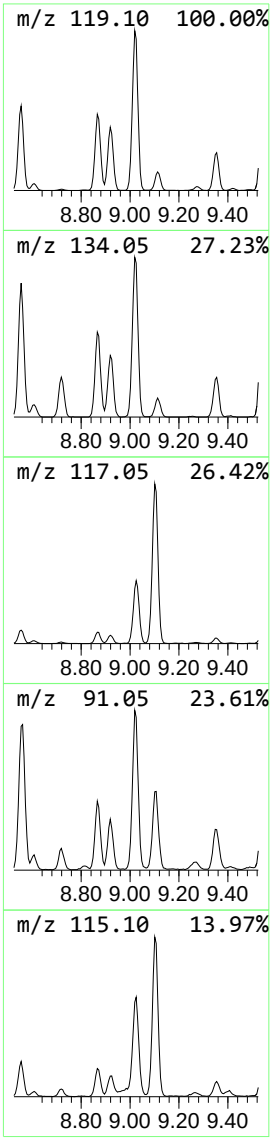
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.025	152.40 ng	6831010	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





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Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

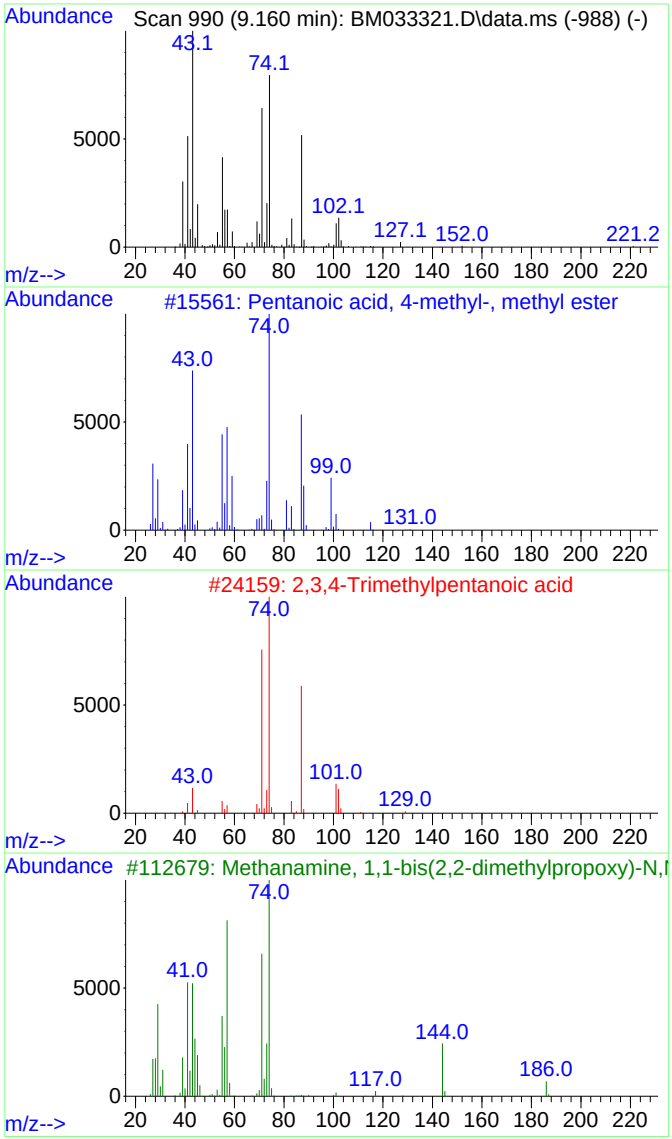
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

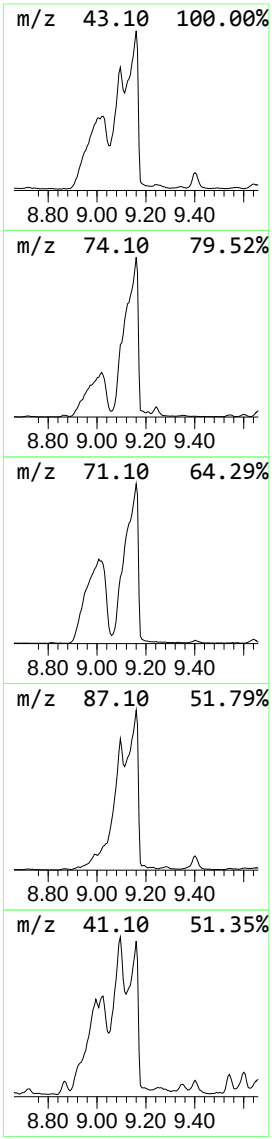
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentanoic acid, 4-methyl-, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.160	37.80 ng	1694140	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	50
2	2,3,4-Trimethylpentanoic acid	144	C8H16O2	090435-18-0	50
3	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	40
4	Methyl-4,6-di-O-methylmannoside	222	C9H18O6	1000426-87-7	40
5	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	40





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Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

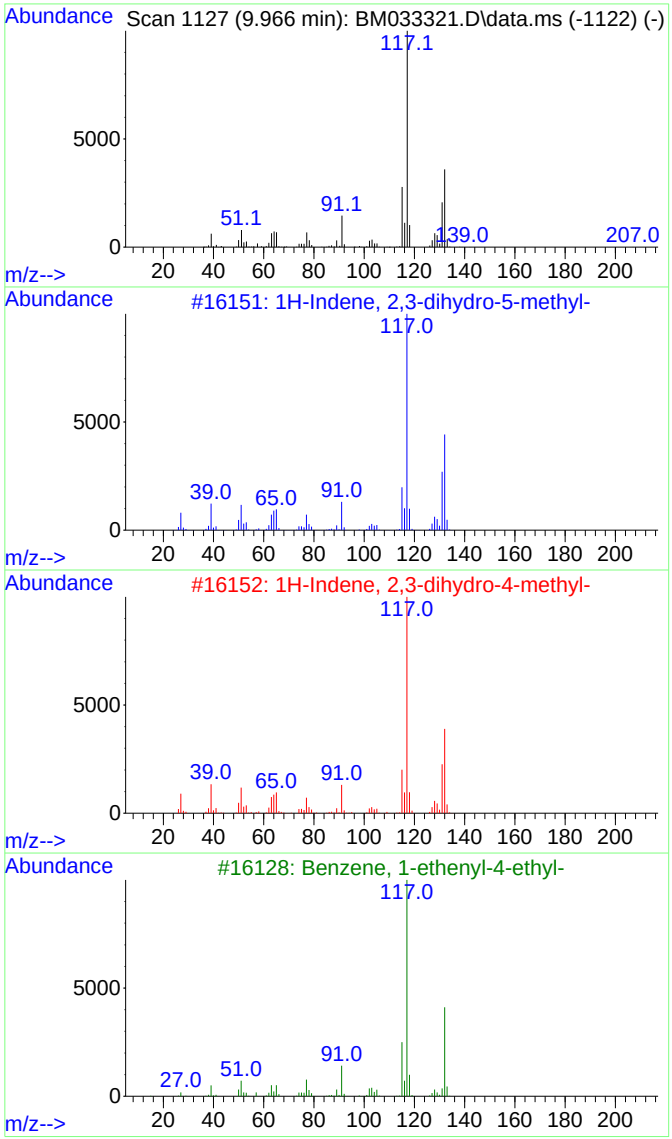
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

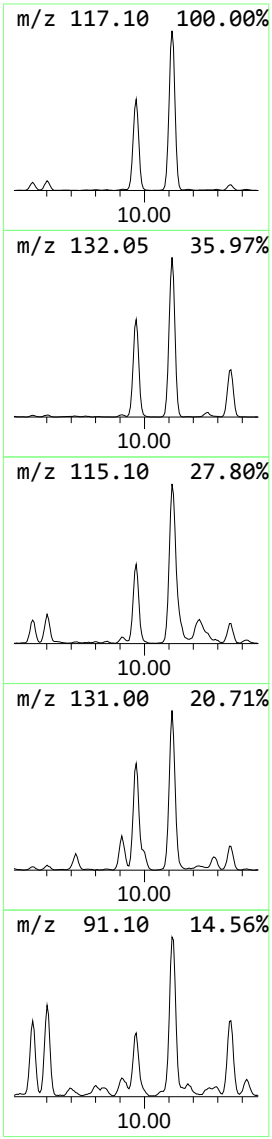
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.966	26.07 ng	1773200	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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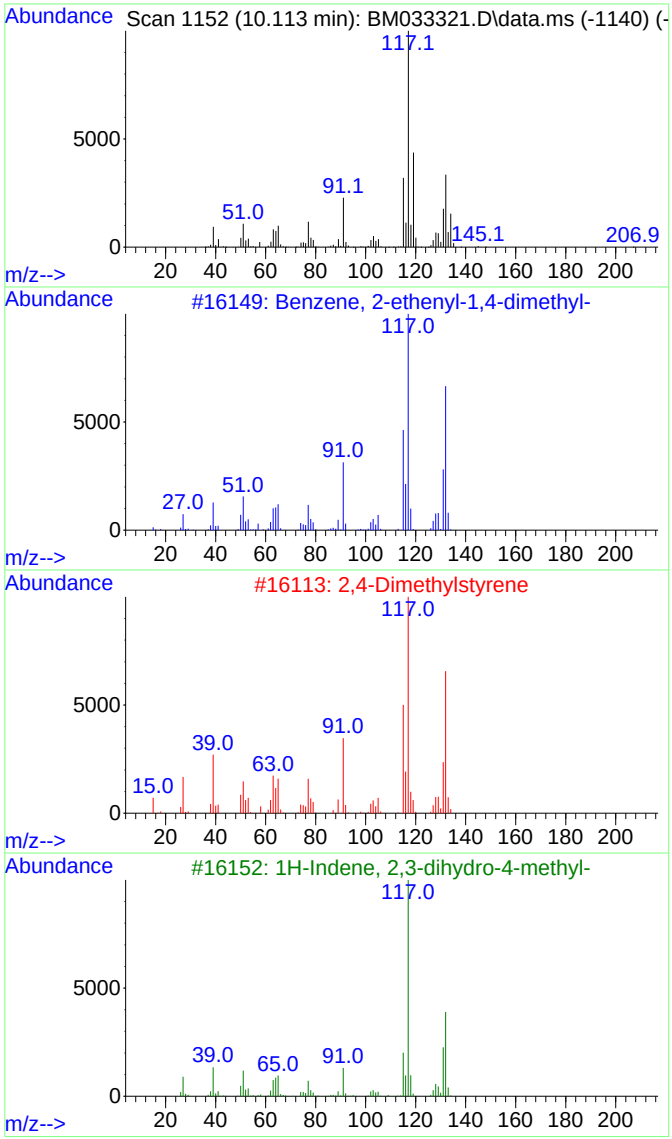
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

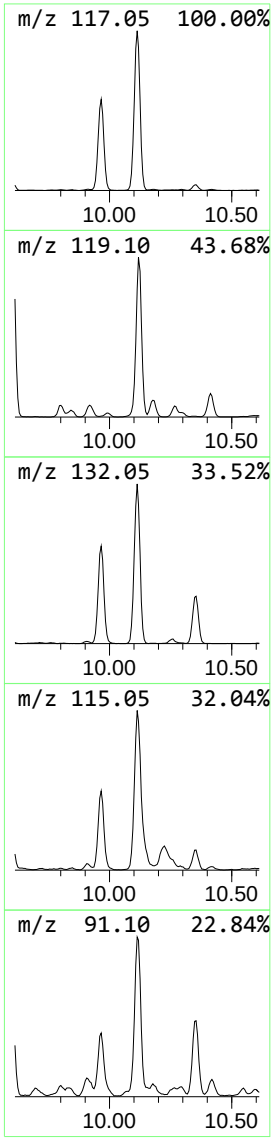
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.113	65.78 ng	4473420	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033321.D
Acq On : 06 Dec 2021 20:25
Operator : CG/JU
Sample : M4918-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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
Benzene, 1,3-di...	5.595	672.5	ng	30144900	1	7.925	896467	20.0
Benzene, (1-met...	6.413	32.5	ng	1455910	1	7.925	896467	20.0
Benzene, propyl-	6.901	46.9	ng	2100510	1	7.925	896467	20.0
Benzene, 1-ethy...	7.007	136.1	ng	6098120	1	7.925	896467	20.0
Benzene, 1-ethy...	7.307	121.1	ng	5426130	1	7.925	896467	20.0
Benzene, 1,2,3-...	7.572	432.6	ng	19392000	1	7.925	896467	20.0
Mesitylene	8.036	166.1	ng	7444330	1	7.925	896467	20.0
unknown8.160	8.160	47.0	ng	2105640	1	7.925	896467	20.0
Indane	8.295	234.7	ng	10519900	1	7.925	896467	20.0
1-Propyne, 3-ph...	8.460	30.6	ng	1370900	1	7.925	896467	20.0
Benzene, 1,4-di...	8.554	43.7	ng	1957360	1	7.925	896467	20.0
Benzene, 4-ethy...	8.866	25.2	ng	1128060	1	7.925	896467	20.0
o-Cymene	8.925	29.8	ng	1333920	1	7.925	896467	20.0
Benzene, 1-ethy...	9.025	152.4	ng	6831010	1	7.925	896467	20.0
Pentanoic acid,...	9.160	37.8	ng	1694140	1	7.925	896467	20.0
1H-Indene, 2,3-...	9.966	26.1	ng	1773200	2	10.719	1360110	20.0
Benzene, 2-ethe...	10.113	65.8	ng	4473420	2	10.719	1360110	20.0