LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005201.D
Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-5

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	6	10	13	rBV3	17677	24160	1.68%	0.126%
2	3.287	31	34	44	rVB	19823	34129	2.37%	0.179%
3	3.411	52	55	58	rBV4	28172	42242	2.93%	0.221%
4	3.440	58	60	68	rVB	51451	74999	5.20%	0.392%
5	3.675	93	100	103	rBV2	64527	97063	6.73%	0.508%
6	3.770	110	116	122	rBV	113839	163164	11.32%	0.854%
7	3.823	122	125	133	rVB3	18093	30912	2.14%	0.162%
8	4.023	155	159	163	rVB2	17255	21634	1.50%	0.113%
9	4.081	163	169	174	rBV7	16459	38674	2.68%	0.202%
10	4.217	189	192	196	rVV	23100	29864	2.07%	0.156%
11	4.375	212	219	220	rBV4	13303	21695	1.51%	0.114%
12	4.405	220	224	228	rVV	55213	78397	5.44%	0.410%
13	4.452	228	232	237	rVB3	25555	41300	2.87%	0.216%
14	4.664	264	268	272	rBV3	20050	30399	2.11%	0.159%
15	4.705	272	275	279	rVB3	19940	26993	1.87%	0.141%
16	4.970	317	320	327	rVB3	14271	25332	1.76%	0.133%
17	5.293	367	375	381	rBV	225309	326881	22.68%	1.710%
18	5.375	384	389	393	rVV6	14668	34607	2.40%	0.181%
19	5.411	393	395	403	rVB4	15281	25705	1.78%	0.134%
20	5.581	419	424	429	rVB4	20560	33043	2.29%	0.173%
21	6.393	558	562	567	rBV4	15089	24802	1.72%	0.130%
22	6.446	567	571	576	rVV2	20522	29946	2.08%	0.157%
23	6.581	588	594	605	rVB5	9075	25443	1.77%	0.133%
24	6.846	632	639	641	rBV	68507	113033	7.84%	0.591%
25	6.875	641	644	649	rVB	103919	147849	10.26%	0.773%
26	7.081	673	679	688	rVB	80736	123097	8.54%	0.644%
27	7.340	718	723	730	rVB	47808	67821	4.71%	0.355%
28	7.693	776	783	788	rBV	83321	131282	9.11%	0.687%
29	7.805	796	802	810	rVB2	27240	51589	3.58%	0.270%
30	7.999	831	835	840	rVV	20421	34352	2.38%	0.180%
31	8.063	840	846	857	rVB	120054	188680	13.09%	0.987%
32	8.181	859	866	874	rBV	553909	808125	56.07%	4.228%
33	8.328	884	891	896	rBV	216614	331388	22.99%	1.734%
34	8.375	896	899	906	rVB	93940	141443	9.81%	0.740%
35	8.493	913	919	925	rVB	147833	227023	15.75%	1.188%
36	8.640	935	944	948	rBV	73954	117659	8.16%	0.616%

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Misc :
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Instrument : BNA_P
ClientSampleId : MW-5

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.687	948	952	960	rVB2	72351	113186	7.85%	0.592%
38	8.799	962	971	976	rBV	816527	1276972	88.60%	6.681%
39	8.863	976	982	992	rVB3	438204	978562	67.90%	5.120%
40	9.028	1004	1010	1019	rVB5	36704	76096	5.28%	0.398%
41	9.128	1019	1027	1033	rBV2	59040	128628	8.92%	0.673%
42	9.275	1045	1052	1053	rBV4	21674	34772	2.41%	0.182%
43	9.316	1053	1059	1064	rVV	649489	979681	67.97%	5.125%
44	9.375	1064	1069	1075	rVB	209849	314546	21.82%	1.646%
45	9.487	1081	1088	1094	rBV	19090	31166	2.16%	0.163%
46	9.575	1097	1103	1108	rVB	118085	175189	12.16%	0.917%
47	9.681	1114	1121	1125	rBV3	57775	117637	8.16%	0.615%
48	9.734	1125	1130	1141	rVV	333615	614807	42.66%	3.216%
49	9.887	1144	1156	1163	rVV2	659439	1172311	81.34%	6.133%
50	9.957	1163	1168	1176	rVV	54766	103203	7.16%	0.540%
51	10.069	1176	1187	1191	rVV4	45968	109611	7.61%	0.573%
52	10.116	1191	1195	1200	rVV	57200	92571	6.42%	0.484%
53	10.187	1200	1207	1215	rVB	123460	203715	14.13%	1.066%
54	10.363	1224	1237	1239	rBV5	24749	54960	3.81%	0.288%
55	10.399	1239	1243	1246	rVV	67143	112922	7.83%	0.591%
56	10.469	1246	1255	1261	rVV2	239570	630709	43.76%	3.300%
57	10.528	1261	1265	1272	rVV2	243545	474335	32.91%	2.482%
58	10.599	1272	1277	1285	rVB	150569	243890	16.92%	1.276%
59	10.699	1285	1294	1300	rVB	105005	160849	11.16%	0.842%
60	10.775	1300	1307	1314	rBV3	14993	35128	2.44%	0.184%
61	10.852	1314	1320	1324	rBV3	15925	24719	1.72%	0.129%
62	10.904	1324	1329	1332	rVV5	10582	22919	1.59%	0.120%
63	10.946	1332	1336	1345	rVB3	30115	56542	3.92%	0.296%
64	11.104	1357	1363	1365	rVV3	54428	95691	6.64%	0.501%
65	11.140	1365	1369	1375	rVV	119663	208635	14.48%	1.092%
66	11.199	1375	1379	1384	rVV5	14203	28019	1.94%	0.147%
67	11.257	1384	1389	1394	rVV3	15756	28043	1.95%	0.147%
68	11.399	1407	1413	1420	rVB	152323	245190	17.01%	1.283%
69	11.593	1438	1446	1452	rVV	82937	142566	9.89%	0.746%
70	11.710	1457	1466	1475	rVV5	85922	264291	18.34%	1.383%
71	11.816	1479	1484	1489	rVV	68348	116580	8.09%	0.610%
72	11.875	1489	1494	1503	rVV2	55093	106932	7.42%	0.559%
73	11.957	1503	1508	1511	rVV5	16298	35240	2.45%	0.184%
74	11.987	1511	1513	1519	rVV2	23865	46129	3.20%	0.241%
75	12.040	1519	1522	1529	rVB5	18821	30661	2.13%	0.160%
76	12.122	1530	1536	1538	rBV3	18188	31275	2.17%	0.164%

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Sample : M1931-05
Misc :
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Instrument : BNA_P
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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77	12.151	1538	1541	1547	rVB3	29040	45294	3.14%	0.237%
78	12.375	1572	1579	1586	rVV2	111746	208949	14.50%	1.093%
79	12.457	1586	1593	1602	rVB5	31358	89037	6.18%	0.466%
80	12.551	1602	1609	1614	rBV6	14628	34014	2.36%	0.178%
81	12.687	1625	1632	1637	rVB6	15068	30498	2.12%	0.160%
82	12.881	1659	1665	1672	rVB5	12689	24038	1.67%	0.126%
83	12.963	1672	1679	1687	rBV	675957	1016707	70.54%	5.319%
84	13.275	1725	1732	1735	rBV	13273	22628	1.57%	0.118%
85	13.316	1735	1739	1746	rVB	19428	31695	2.20%	0.166%
86	13.481	1759	1767	1771	rBV4	24693	50454	3.50%	0.264%
87	13.981	1847	1852	1862	rVB2	37234	59500	4.13%	0.311%
88	14.351	1906	1915	1928	rBV	159675	262513	18.21%	1.373%
89	14.528	1938	1945	1951	rBV3	16419	27846	1.93%	0.146%
90	14.840	1991	1998	2010	rVB2	14134	37109	2.57%	0.194%
91	14.981	2010	2022	2033	rVB5	33482	61649	4.28%	0.323%
92	15.704	2139	2145	2149	rBV7	13202	27111	1.88%	0.142%
93	15.851	2163	2170	2176	rBV	563605	767644	53.26%	4.016%
94	17.110	2378	2384	2390	rBV	187745	266665	18.50%	1.395%
95	18.016	2530	2538	2546	rBV	159510	219079	15.20%	1.146%
96	19.251	2744	2748	2759	rBV	86195	111207	7.72%	0.582%
97	19.686	2817	2822	2829	rBV	1203973	1441257	100.00%	7.540%
98	20.927	3029	3033	3040	rBV2	95518	132964	9.23%	0.696%
99	21.210	3076	3081	3086	rBV	258412	317659	22.04%	1.662%
100	23.492	3462	3469	3476	rBV2	179277	345188	23.95%	1.806%

Sum of corrected areas: 19114308

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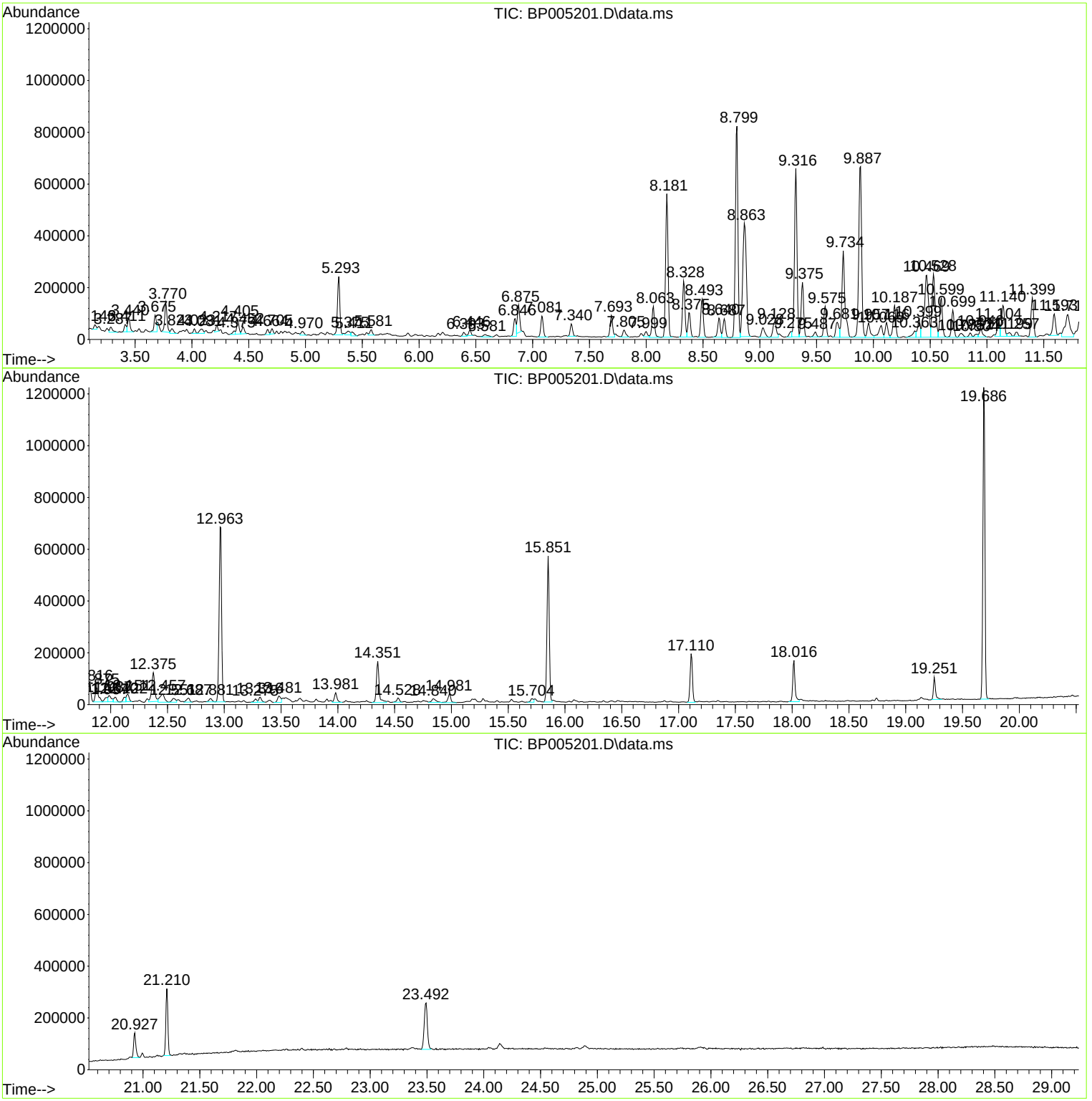
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

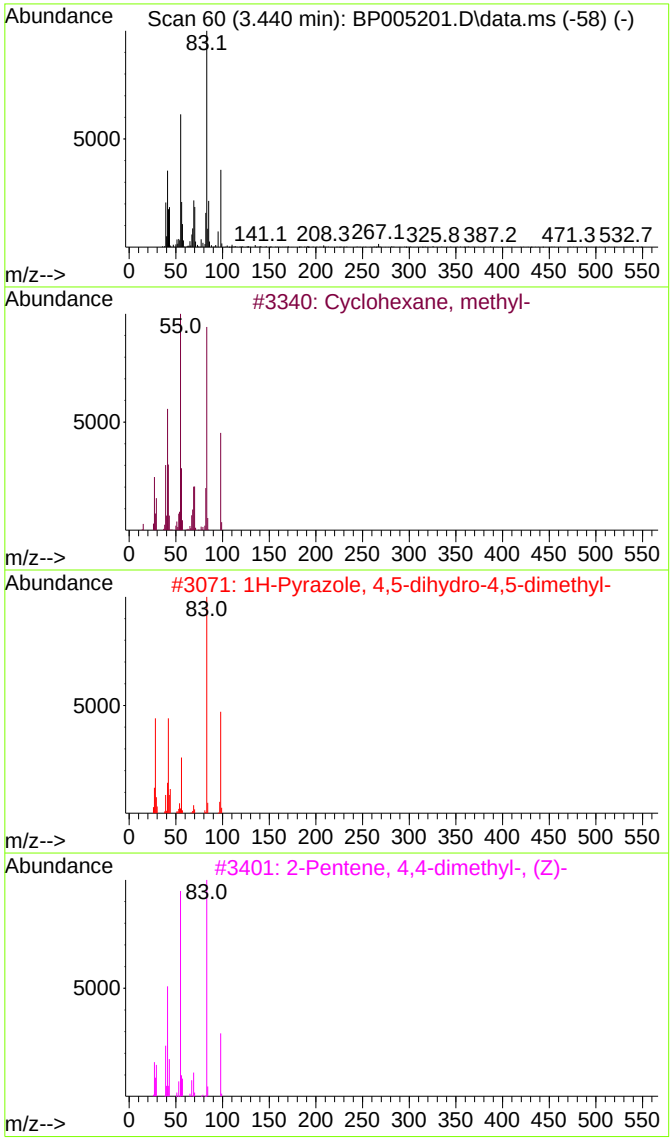
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

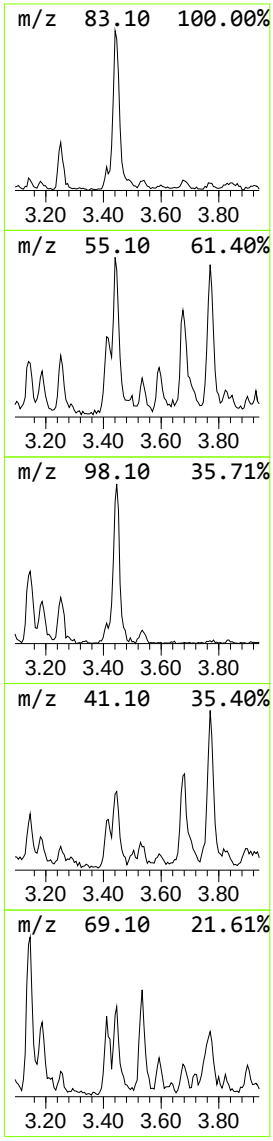
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.440	11.43 ng	74999	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
2	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	53
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	50
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	50
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
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Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

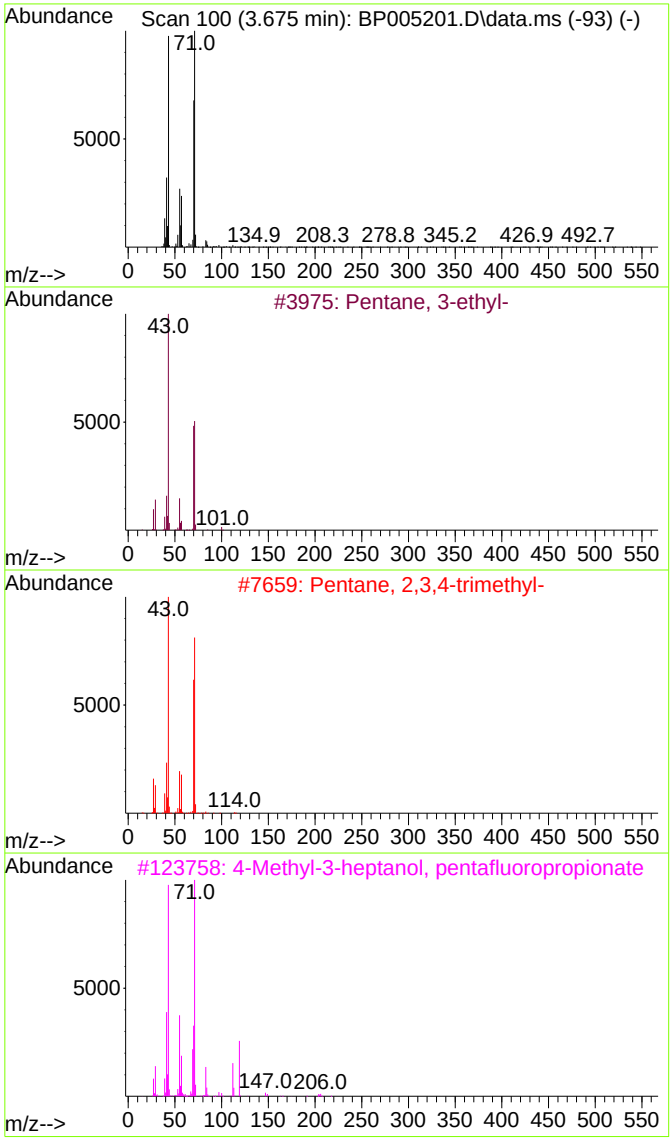
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

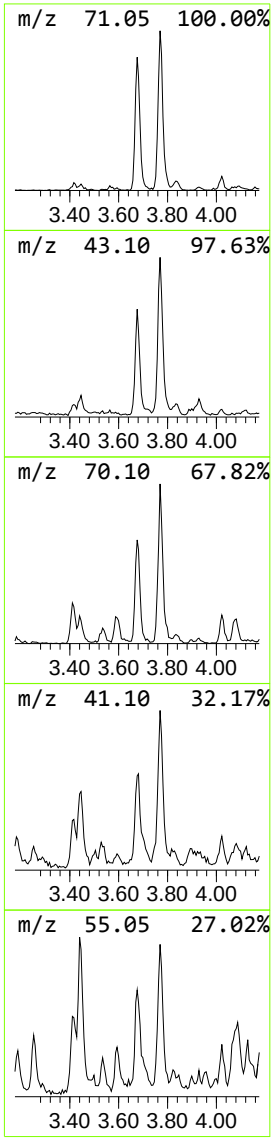
****

Peak Number 2 Pentane, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.675	14.79 ng	97063	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	72
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

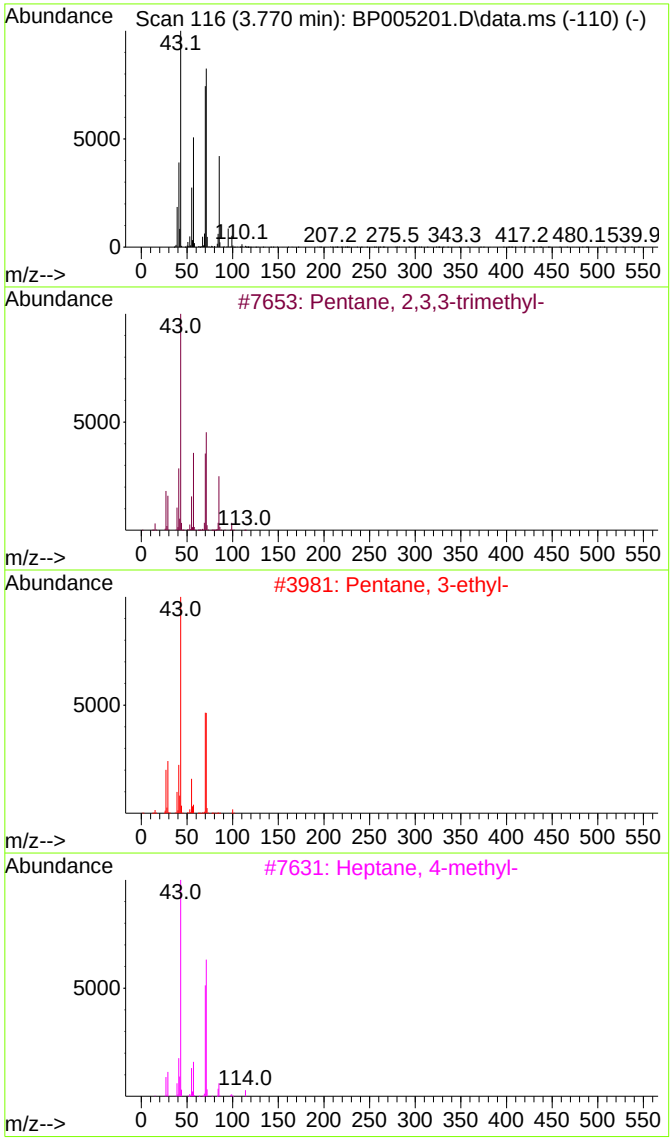
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

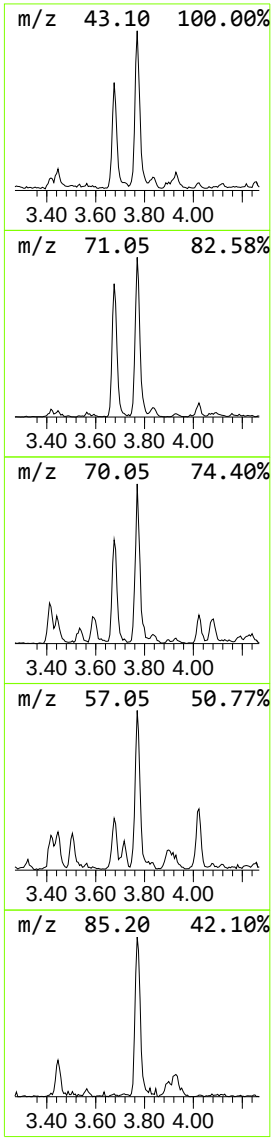
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.770	24.86 ng	163164	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

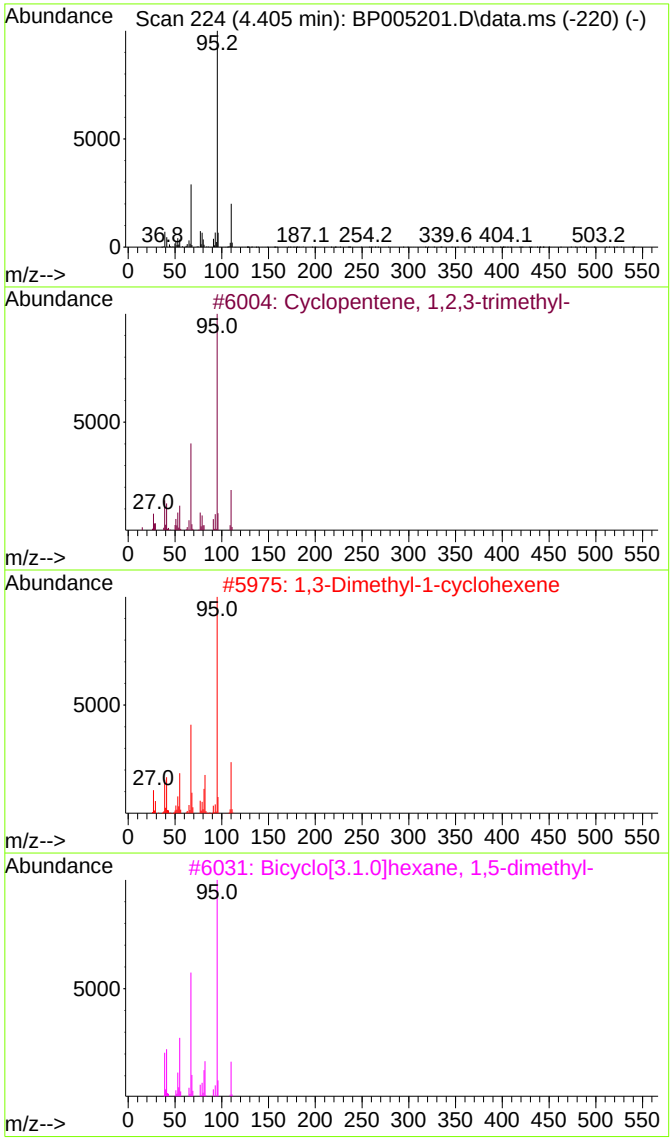
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

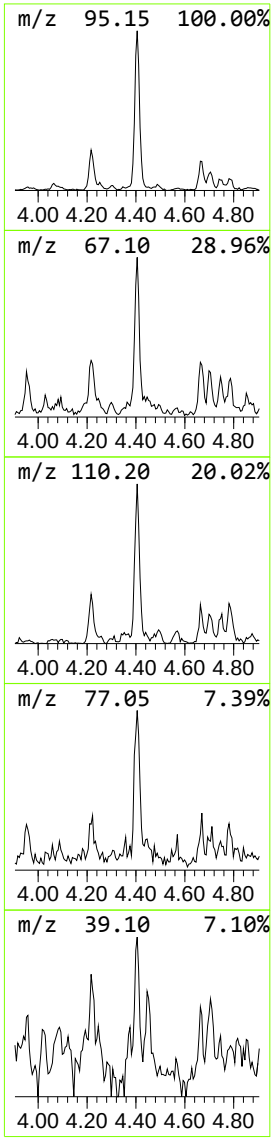
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.405	11.94 ng	78397	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	80
4	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	74
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005201.D
Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

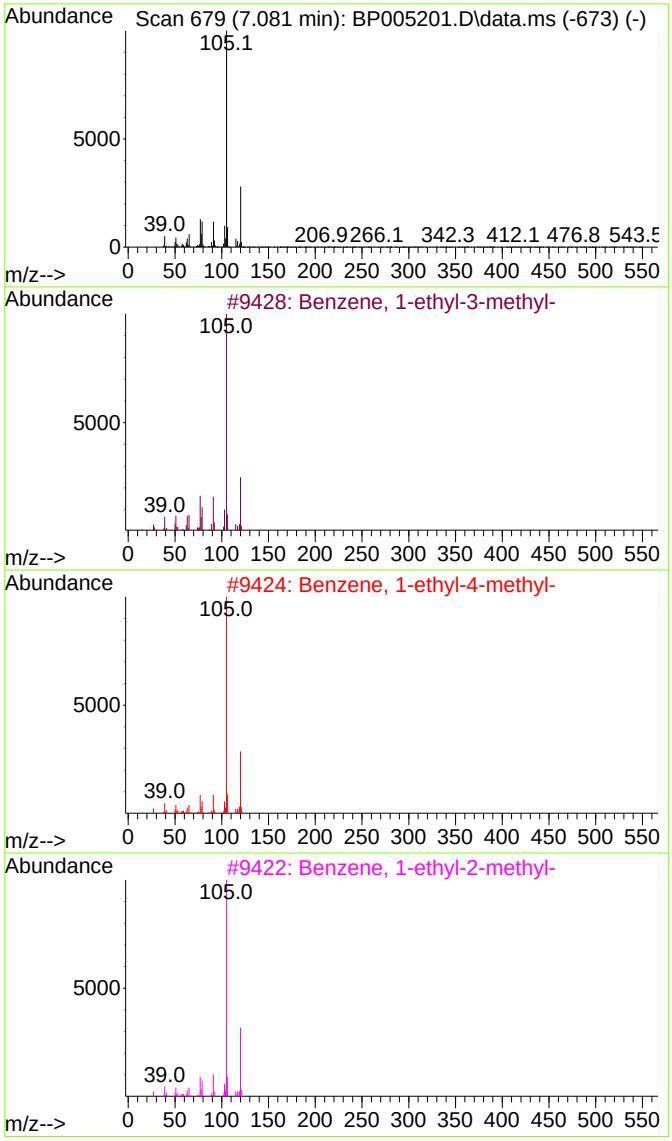
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

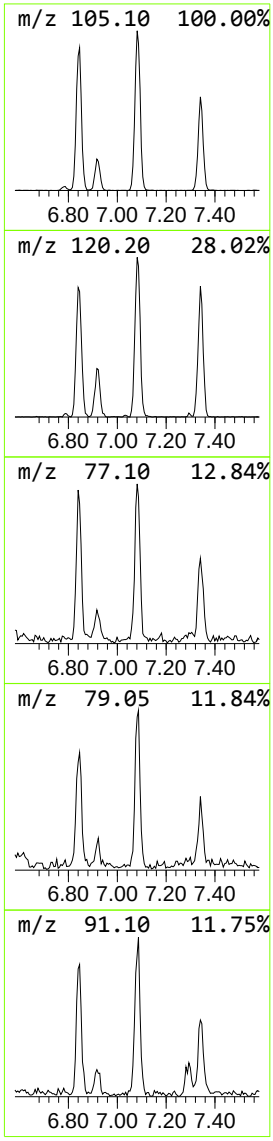
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	18.75 ng	123097	1,4-Dichlorobenzene-d4	7.693

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





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Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-5

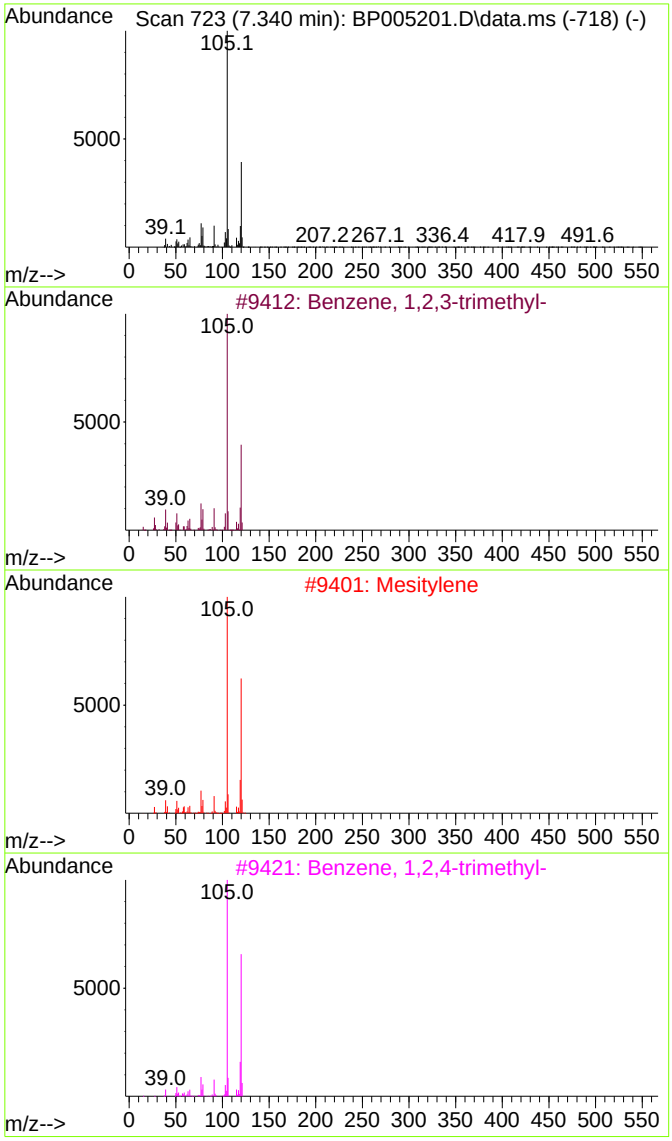
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

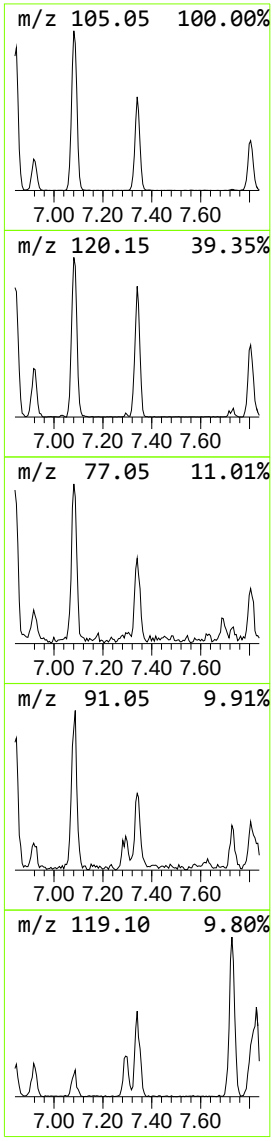
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.340	10.33 ng	67821	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

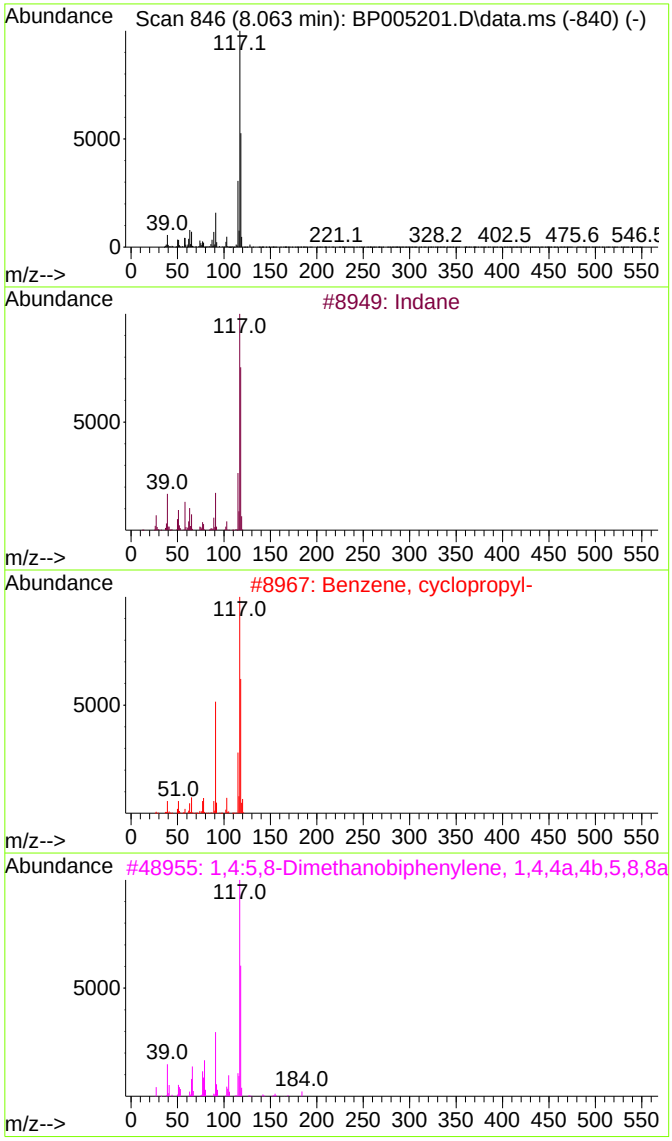
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

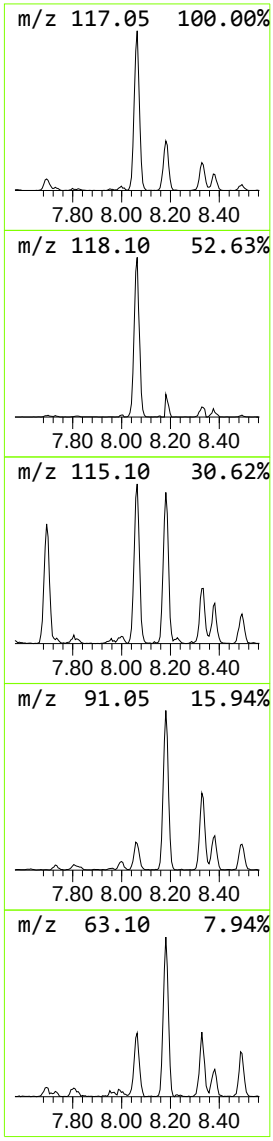
****

Peak Number 7 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	28.74 ng	188680	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	55





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Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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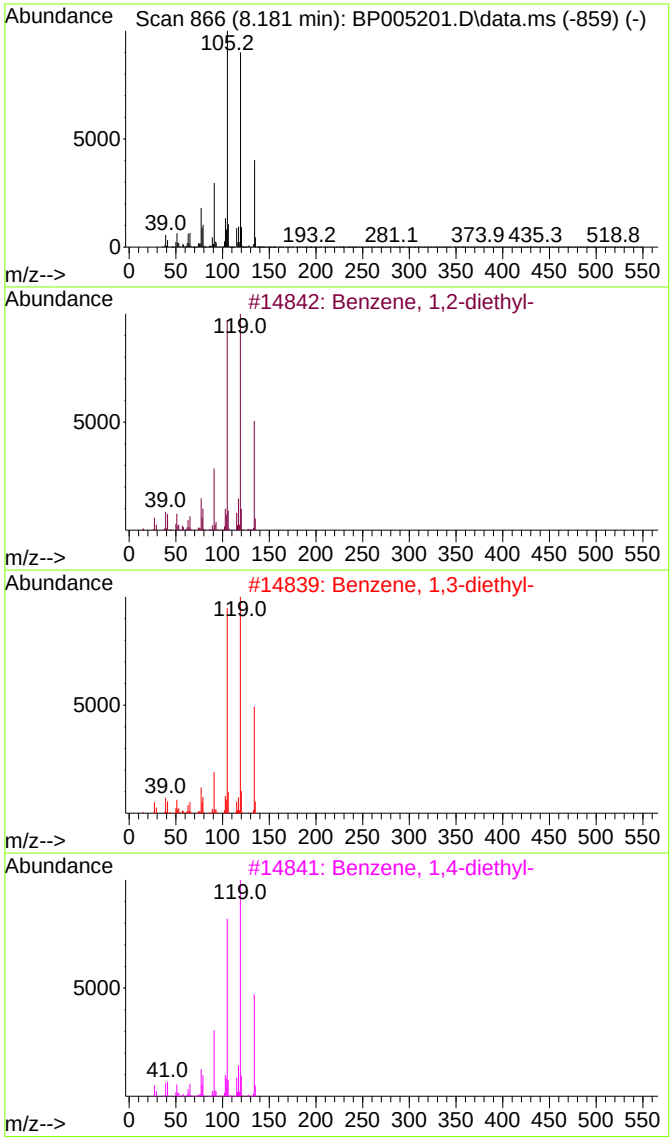
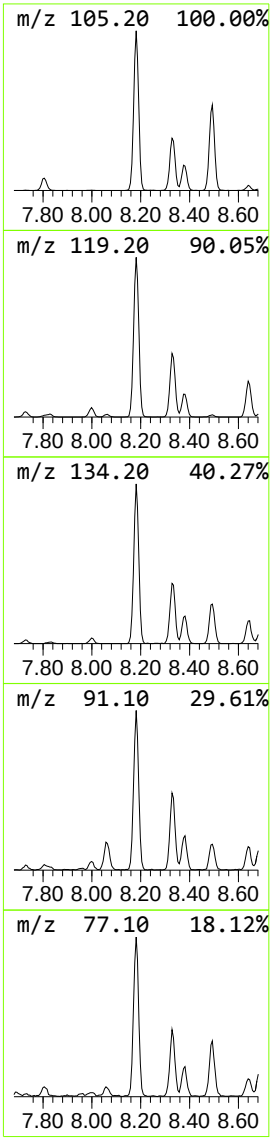
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.181	123.11 ng	808125	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83





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Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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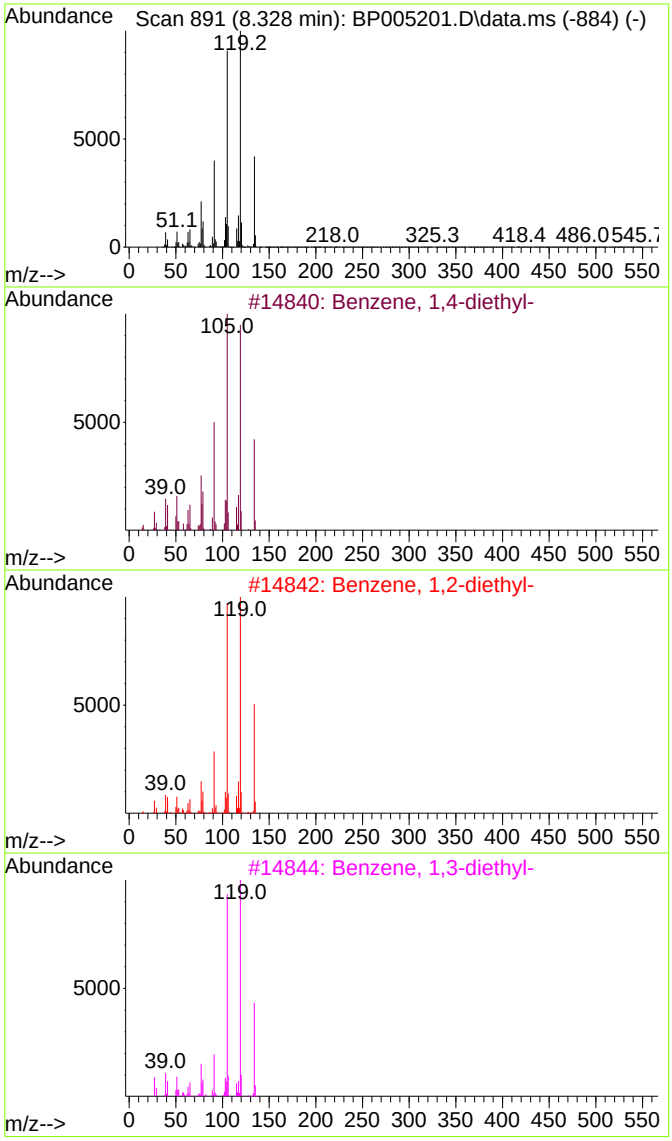
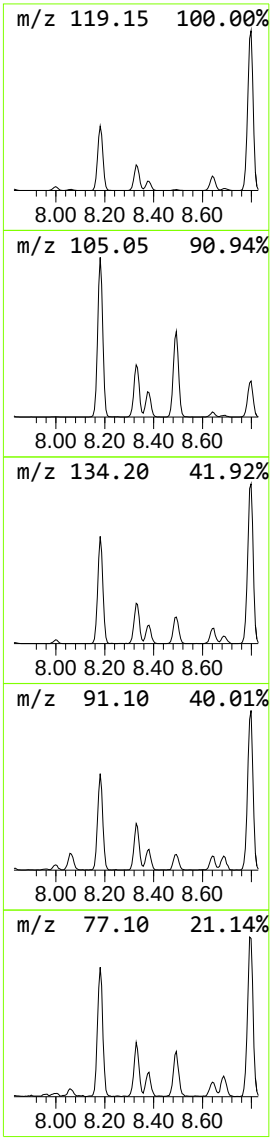
Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	50.48 ng	331388	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	98
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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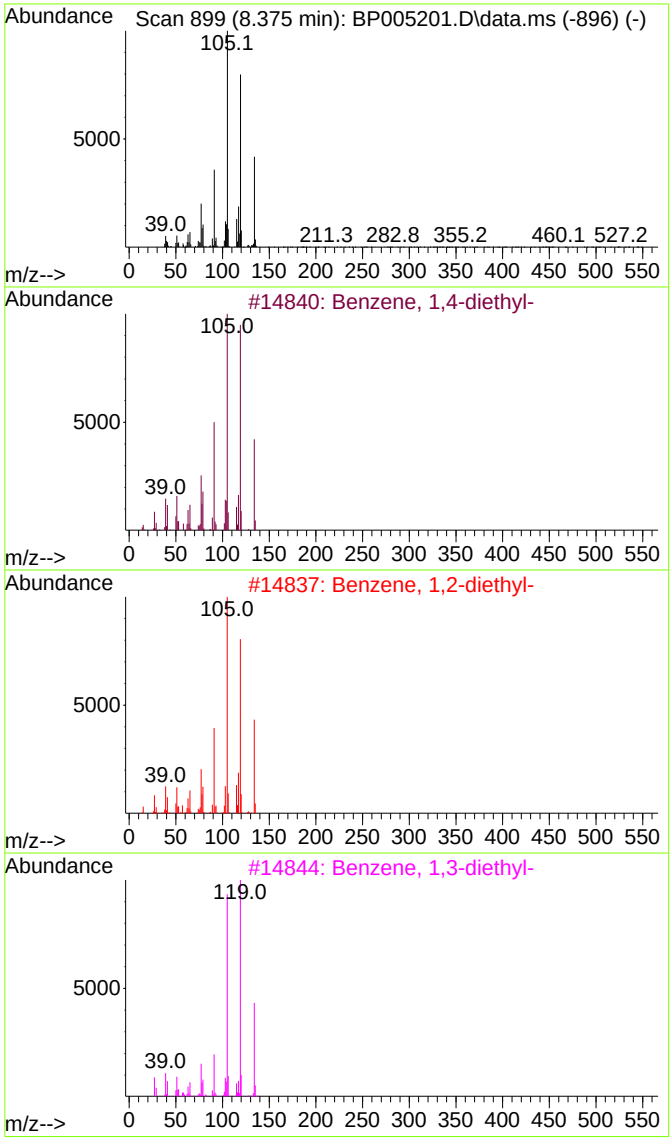
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

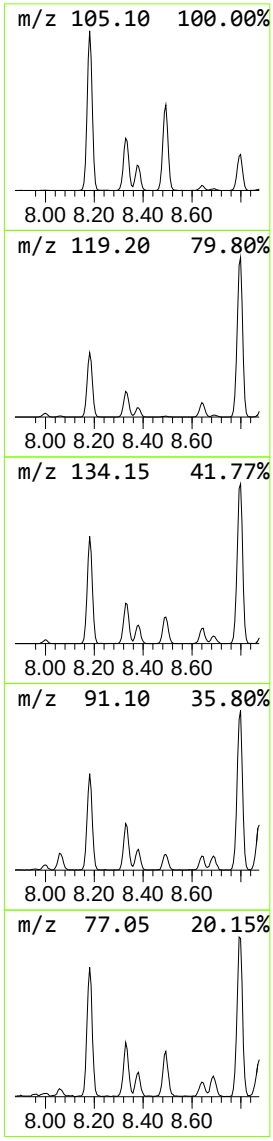
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	21.55 ng	141443	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	o-Cymene	134	C10H14	000527-84-4	74
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	64





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Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

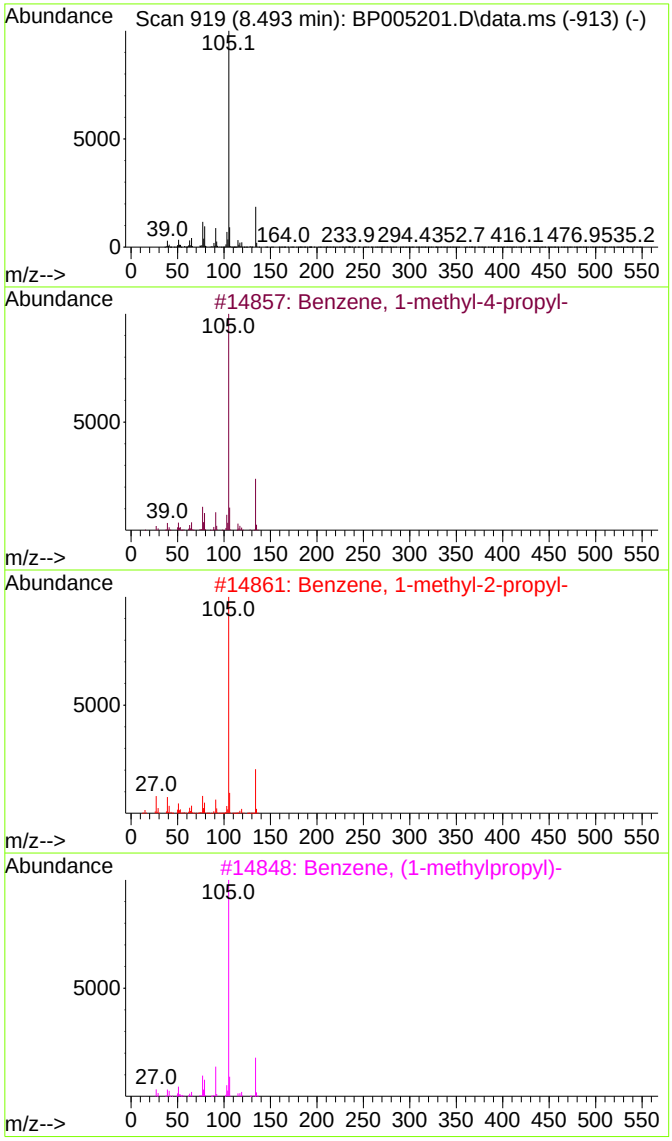
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

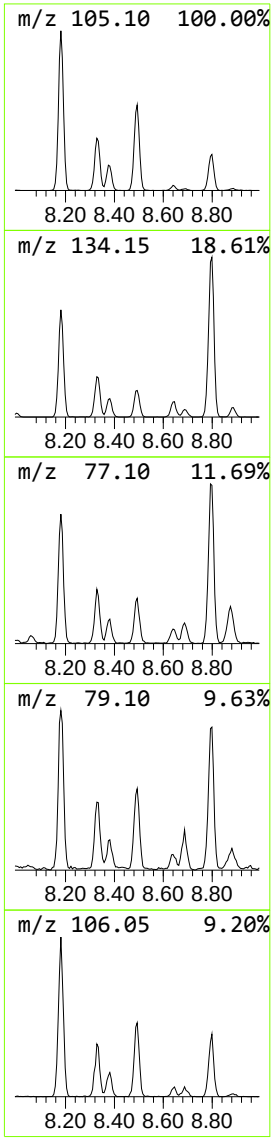
****

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.493	34.59 ng	227023	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





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Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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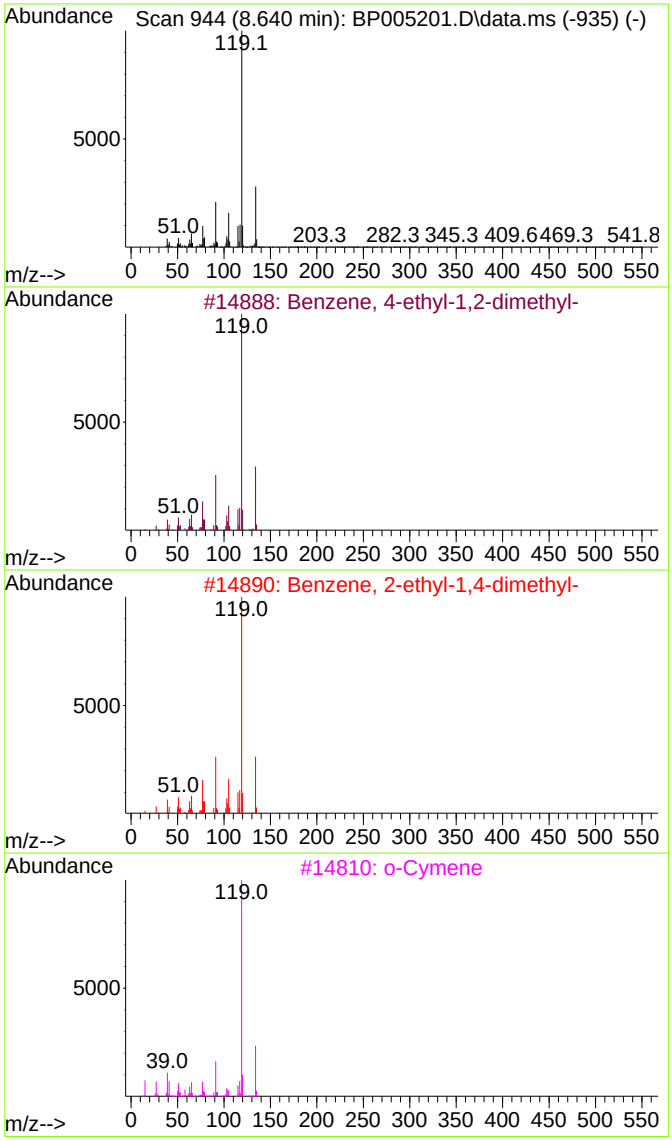
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

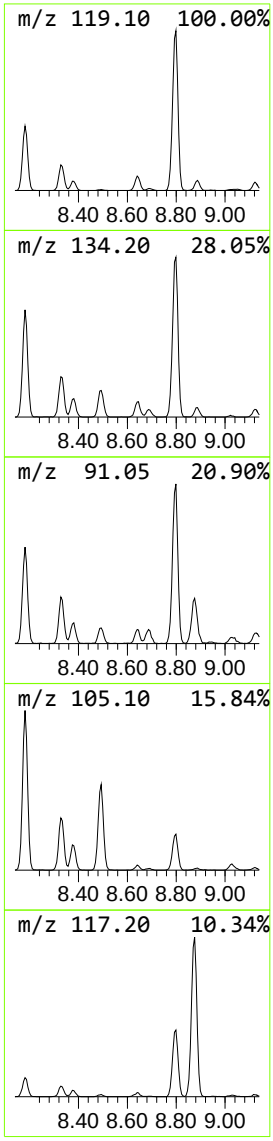
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.640	17.92 ng	117659	1,4-Dichlorobenzene-d4	7.693

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	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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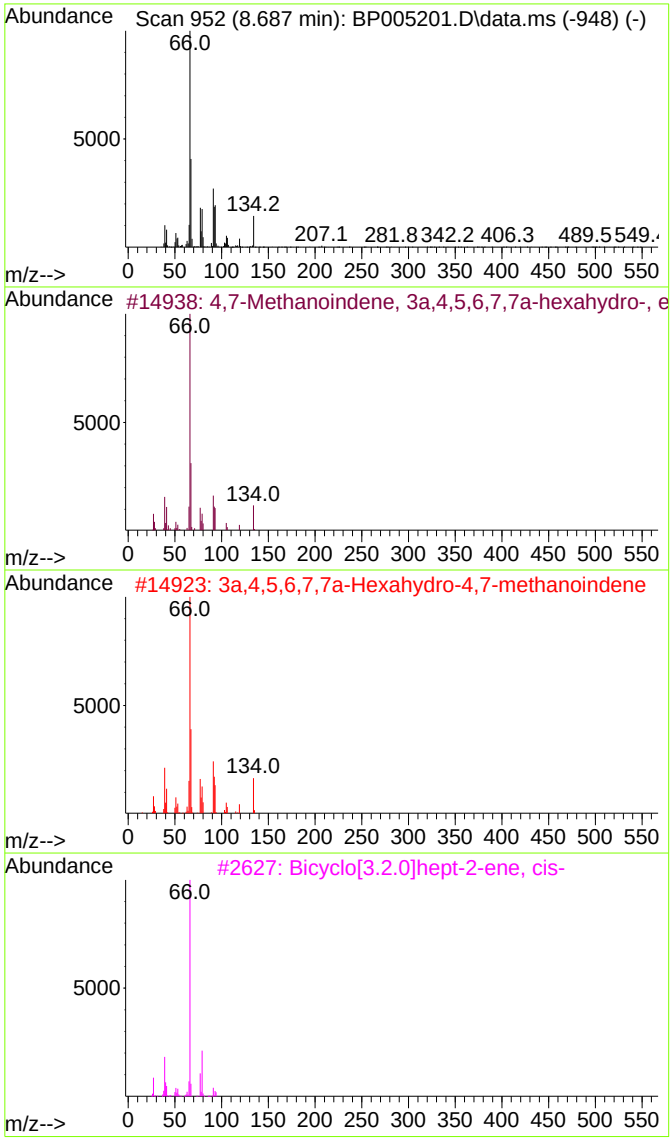
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

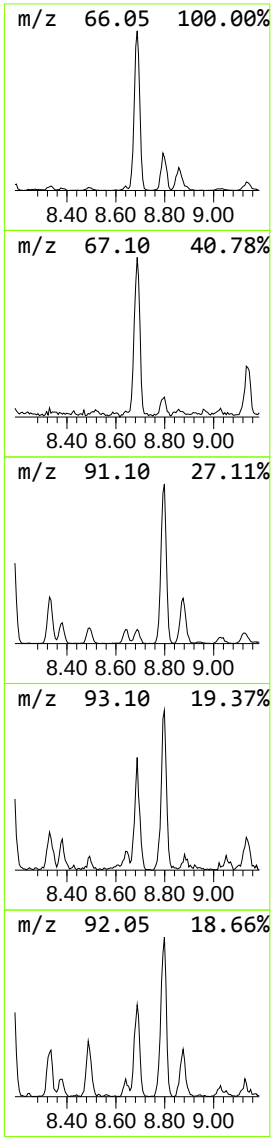
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4,7-Methanoindene, 3a,4,5,6... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.687	17.24 ng	113186	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	91
2	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	91
3	Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	72
4	Tricyclo[4.2.1.0<2,5>]non-3-ene	120	C9H12	007078-40-2	64
5	Spiro[bicyclo[2.2.1]hept-5-ene-2...	180	C10H12O3	1000142-21-3	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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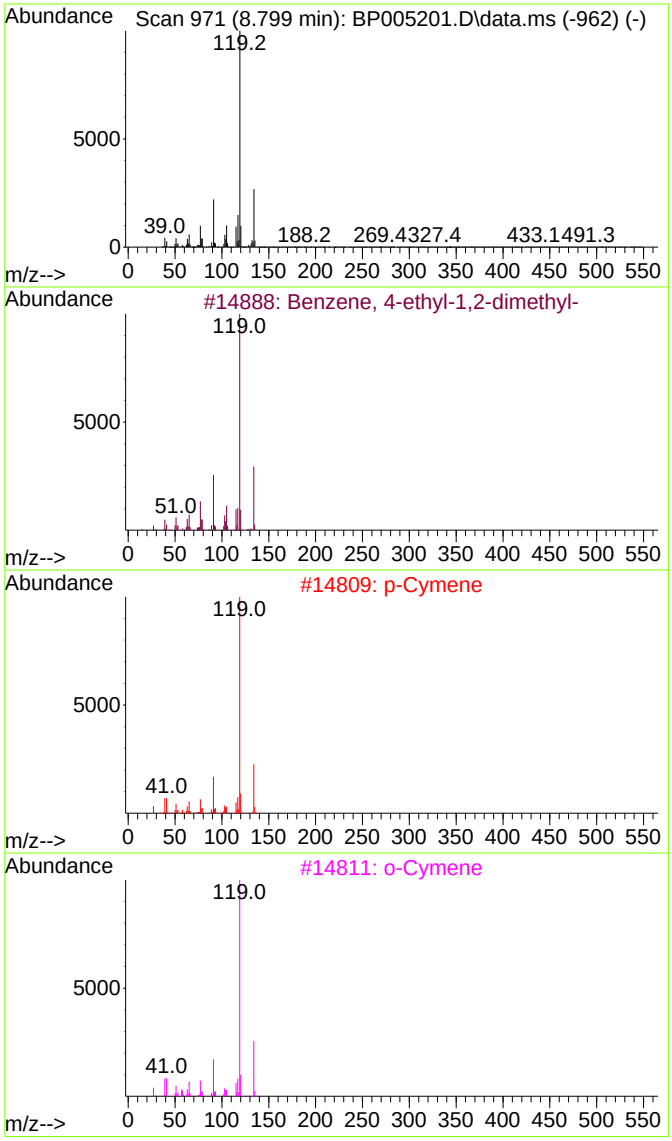
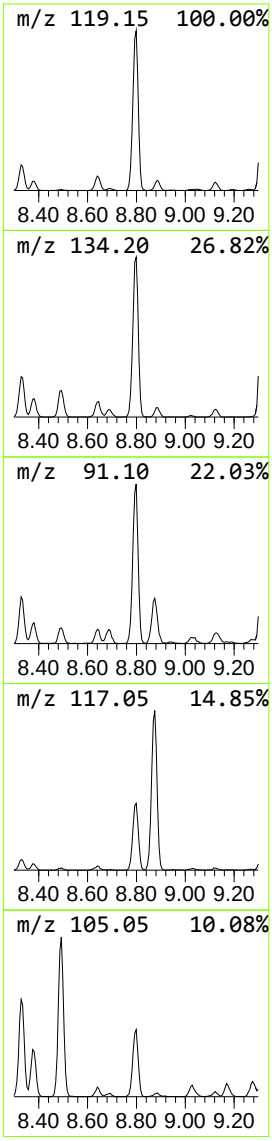
Peak Number 14 p-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.799	194.54 ng	1276970	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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ALS Vial : 12 Sample Multiplier: 1

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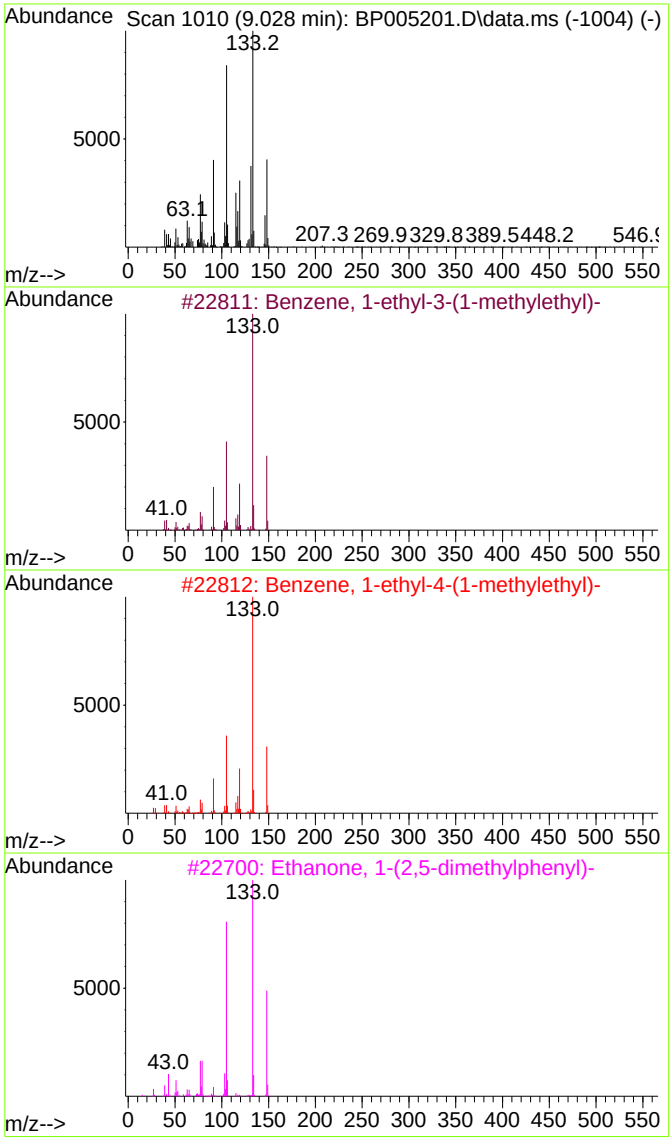
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

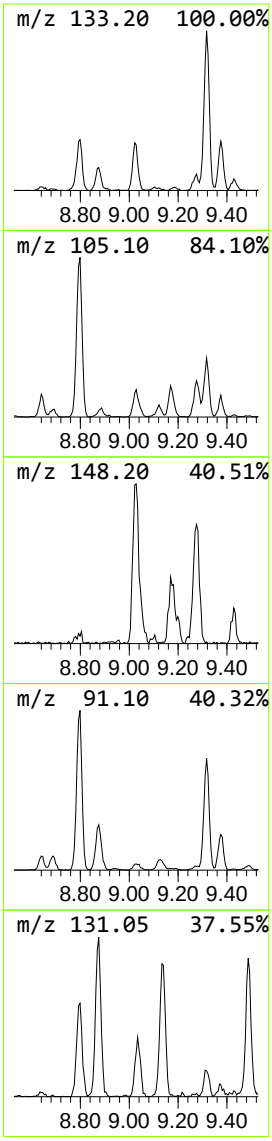
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	11.59 ng	76096	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	81
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	60
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	60
5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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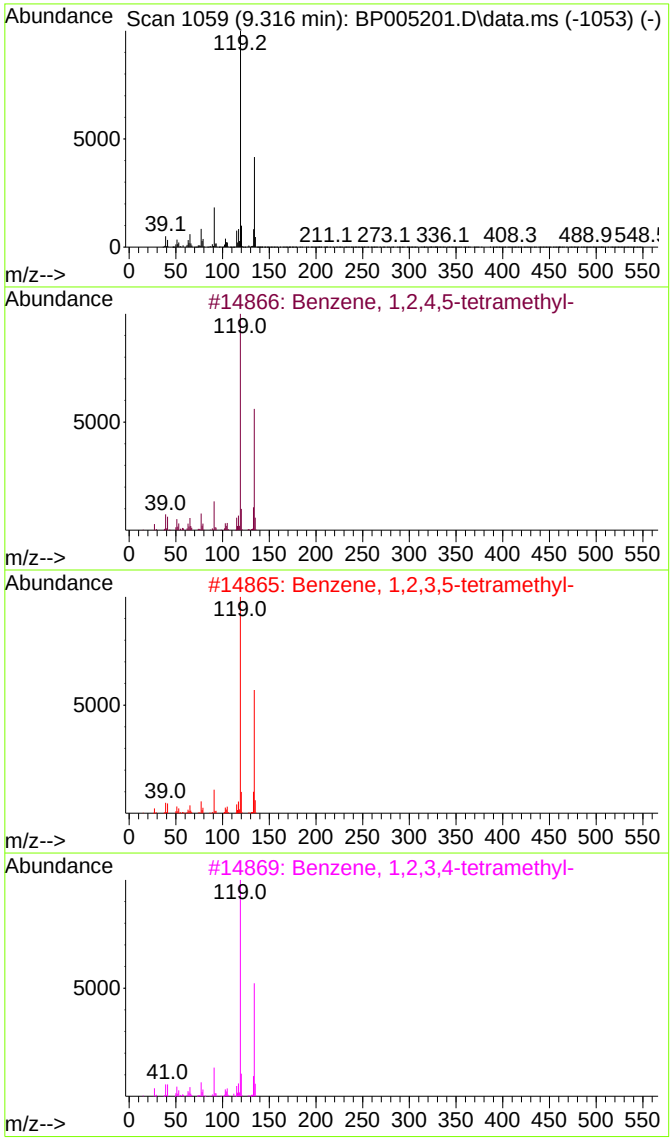
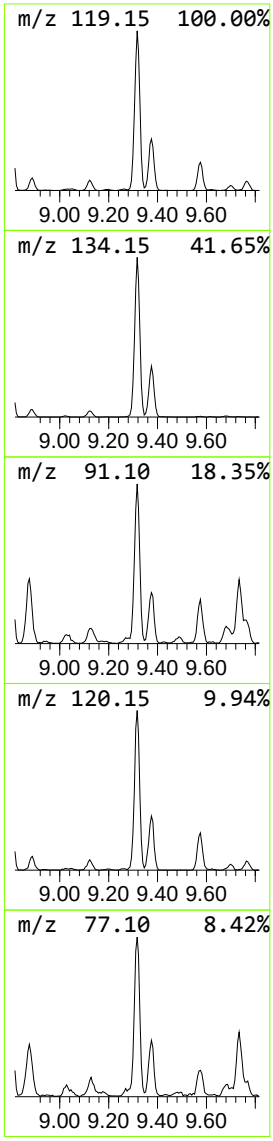
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	31.07 ng	979681	Naphthalene-d8	10.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Data File : BP005201.D
Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

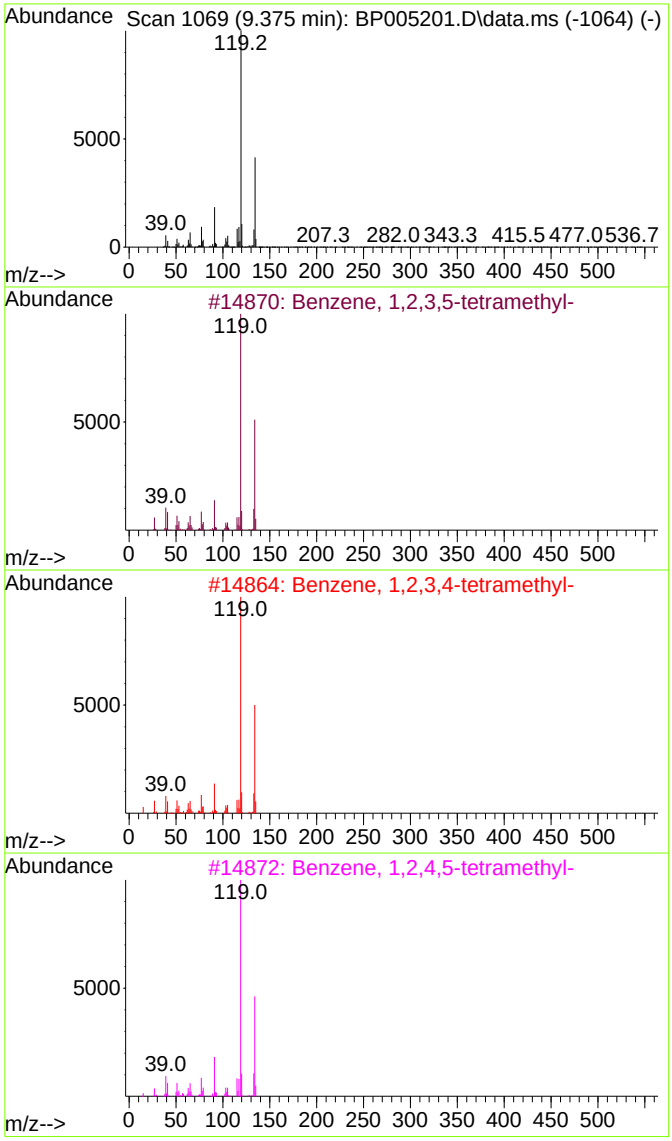
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

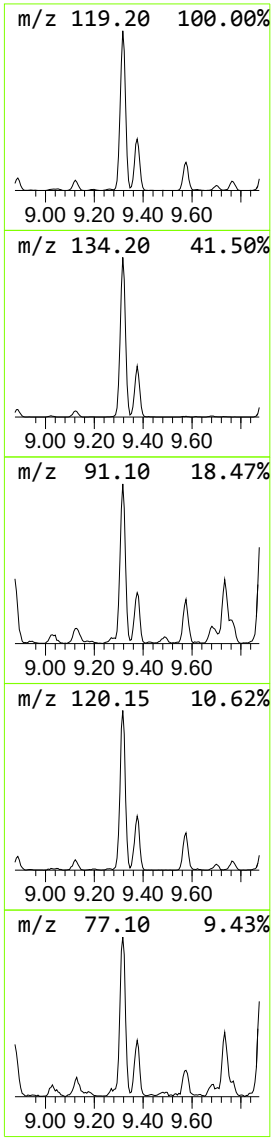
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	9.97 ng	314546	Naphthalene-d8	10.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-5

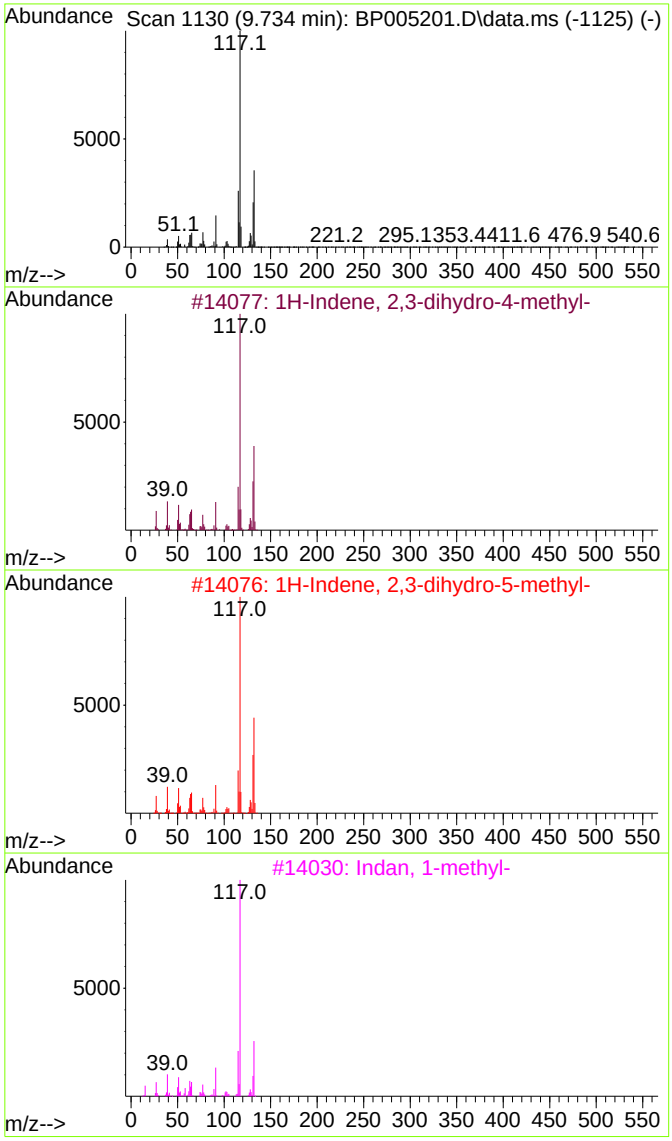
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

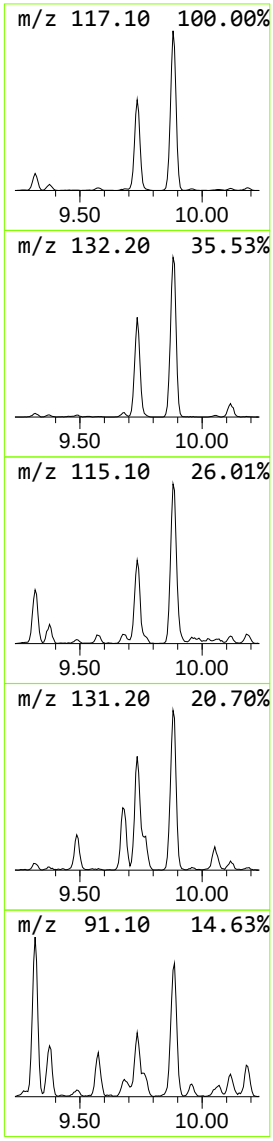
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.734	19.50 ng	614807	Naphthalene-d8	10.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Data File : BP005201.D
Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-5

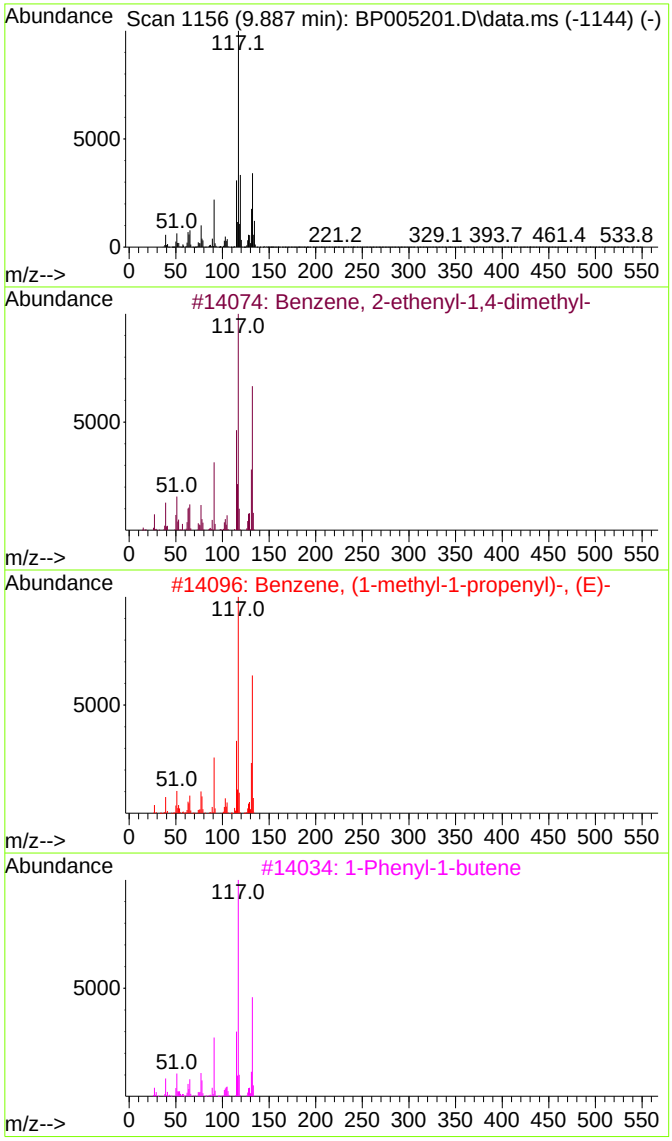
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

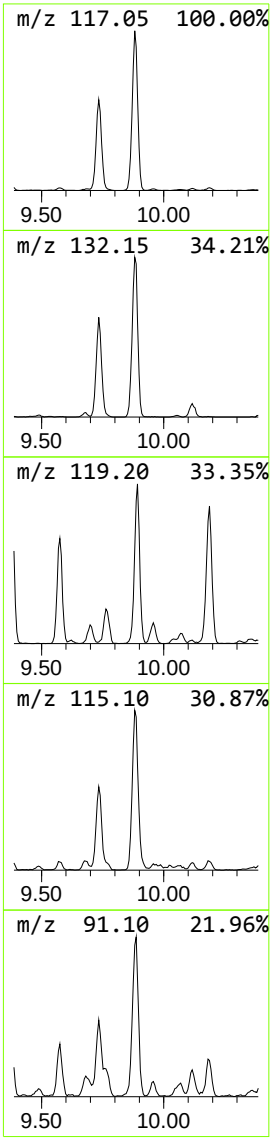
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.887	37.17 ng	1172310	Naphthalene-d8	10.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83





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Data File : BP005201.D
Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

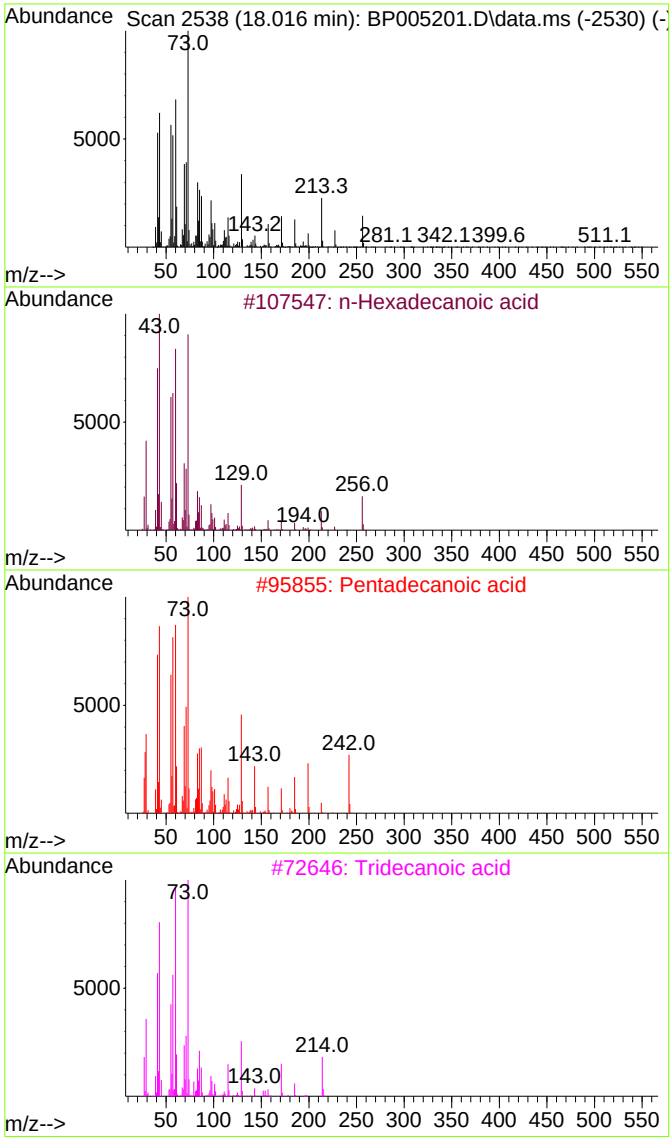
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

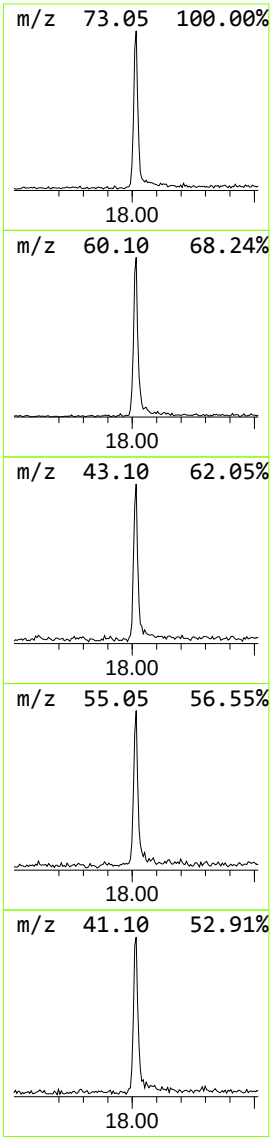
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	16.43 ng	219079	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005201.D
Acq On : 06 Apr 2021 17:43
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, me...	3.440	11.4	ng	74999	1	7.693	131282	20.0
Pentane, 3-ethyl-	3.675	14.8	ng	97063	1	7.693	131282	20.0
Pentane, 2,3,3-...	3.770	24.9	ng	163164	1	7.693	131282	20.0
Cyclopentene, 1...	4.405	11.9	ng	78397	1	7.693	131282	20.0
Benzene, 1-ethy...	7.081	18.8	ng	123097	1	7.693	131282	20.0
Benzene, 1,2,3-...	7.340	10.3	ng	67821	1	7.693	131282	20.0
Indane	8.063	28.7	ng	188680	1	7.693	131282	20.0
Benzene, 1,2-di...	8.181	123.1	ng	808125	1	7.693	131282	20.0
Benzene, 1,4-di...	8.328	50.5	ng	331388	1	7.693	131282	20.0
Benzene, 1,3-di...	8.375	21.6	ng	141443	1	7.693	131282	20.0
Benzene, 1-meth...	8.493	34.6	ng	227023	1	7.693	131282	20.0
Benzene, 4-ethy...	8.640	17.9	ng	117659	1	7.693	131282	20.0
4,7-Methanoinde...	8.687	17.2	ng	113186	1	7.693	131282	20.0
p-Cymene	8.799	194.5	ng	1276970	1	7.693	131282	20.0
Benzene, 1-ethy...	9.028	11.6	ng	76096	1	7.693	131282	20.0
Benzene, 1,2,4,...	9.316	31.1	ng	979681	2	10.481	630709	20.0
Benzene, 1,2,3,...	9.375	10.0	ng	314546	2	10.481	630709	20.0
1H-Indene, 2,3-...	9.734	19.5	ng	614807	2	10.481	630709	20.0
Benzene, 2-ethe...	9.887	37.2	ng	1172310	2	10.481	630709	20.0
n-Hexadecanoic ...	18.016	16.4	ng	219079	4	17.110	266665	20.0