LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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: BP005197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.676	96	100	103	rBV	45414	73405	5.85%	0.313%
2	3.776	110	117	123	rVV	67110	109492	8.73%	0.467%
3	4.223	189	193	202	rVB6	21172	40941	3.26%	0.175%
4	4.405	220	224	229	rVV	47902	68577	5.47%	0.293%
5	4.911	305	310	317	rBV2	33372	62254	4.96%	0.266%
6	5.293	367	375	381	rBV	241366	354532	28.27%	1.513%
7	5.375	381	389	399	rVB	148253	255216	20.35%	1.089%
8	6.452	567	572	577	rBV2	30444	45002	3.59%	0.192%
9	6.599	587	597	606	rVB5	27228	68318	5.45%	0.292%
10	6.787	622	629	633	rVB2	25287	41089	3.28%	0.175%
11	6.846	633	639	641	rBV	152831	218781	17.44%	0.934%
12	6.881	641	645	648	rVV	150105	236420	18.85%	1.009%
13	6.922	648	652	657	rVB	146343	215235	17.16%	0.919%
14	7.087	673	680	687	rVB	129380	198044	15.79%	0.845%
15	7.340	718	723	730	rVB	112521	173571	13.84%	0.741%
16	7.693	776	783	787	rBV	91908	144443	11.52%	0.616%
17	7.805	796	802	812	rVB	325127	500098	39.87%	2.134%
18	8.064	839	846	860	rVB	479606	773822	61.70%	3.302%
19	8.181	860	866	871	rBV	375616	555314	44.27%	2.370%
20	8.228	871	874	882	rVB3	24930	42635	3.40%	0.182%
21	8.328	885	891	895	rBV	75292	116778	9.31%	0.498%
22	8.381	895	900	905	rVV	121345	193363	15.42%	0.825%
23	8.493	914	919	926	rVB	170533	261643	20.86%	1.117%
24	8.640	933	944	948	rBV	132984	219569	17.51%	0.937%
25	8.693	948	953	958	rVV2	132751	226739	18.08%	0.968%
26	8.799	965	971	976	rVV	612958	985403	78.56%	4.205%
27	8.869	976	983	993	rVB2	489646	1067357	85.10%	4.555%
28	9.028	1006	1010	1019	rVB4	39238	89147	7.11%	0.380%
29	9.128	1019	1027	1034	rBV2	94538	192367	15.34%	0.821%
30	9.275	1042	1052	1054	rBV6	21363	59458	4.74%	0.254%
31	9.316	1054	1059	1064	rVV	426898	654795	52.21%	2.794%
32	9.375	1064	1069	1076	rVB	473928	718626	57.29%	3.067%
33	9.487	1081	1088	1094	rVV2	37162	71989	5.74%	0.307%
34	9.575	1094	1103	1107	rVV	54871	94342	7.52%	0.403%
35	9.622	1107	1111	1116	rVV	26155	41946	3.34%	0.179%
36	9.681	1116	1121	1126	rVV4	85909	186803	14.89%	0.797%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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	9.734	1126	1130	1142	rVB2	144918	294056	23.44%	1.255%
38	9.887	1142	1156	1163	rBV2	620484	1101478	87.82%	4.701%
39	9.958	1163	1168	1176	rVV	90023	169705	13.53%	0.724%
40	10.069	1176	1187	1191	rVV5	67810	186129	14.84%	0.794%
41	10.116	1191	1195	1200	rVV	67340	106816	8.52%	0.456%
42	10.187	1200	1207	1217	rVB	89026	158272	12.62%	0.675%
43	10.369	1226	1238	1241	rBV4	52402	107541	8.57%	0.459%
44	10.405	1241	1244	1246	rVV3	34006	53077	4.23%	0.227%
45	10.469	1246	1255	1261	rVV2	302878	750798	59.86%	3.204%
46	10.534	1261	1266	1273	rVV3	281331	650329	51.85%	2.775%
47	10.599	1273	1277	1287	rVB	196159	312227	24.89%	1.332%
48	10.699	1288	1294	1301	rVB	138834	211626	16.87%	0.903%
49	10.852	1315	1320	1324	rBV3	28875	44427	3.54%	0.190%
50	10.946	1332	1336	1344	rVB3	42272	74503	5.94%	0.318%
51	11.063	1344	1356	1358	rBV7	20311	45934	3.66%	0.196%
52	11.110	1358	1364	1367	rVV2	165715	325365	25.94%	1.388%
53	11.140	1367	1369	1375	rVV	122019	185853	14.82%	0.793%
54	11.205	1375	1380	1385	rVV4	34956	63817	5.09%	0.272%
55	11.399	1407	1413	1421	rBV	153169	246466	19.65%	1.052%
56	11.528	1430	1435	1439	rBV2	29215	47855	3.82%	0.204%
57	11.593	1439	1446	1452	rBV	112428	189127	15.08%	0.807%
58	11.716	1462	1467	1475	rVB5	73949	155948	12.43%	0.666%
59	11.816	1475	1484	1489	rVB2	113001	218811	17.45%	0.934%
60	11.881	1489	1495	1503	rVB3	99128	191625	15.28%	0.818%
61	11.993	1510	1514	1520	rVB4	33614	50806	4.05%	0.217%
62	12.040	1520	1522	1528	rVB4	28980	44783	3.57%	0.191%
63	12.128	1530	1537	1547	rBV7	36993	136198	10.86%	0.581%
64	12.322	1565	1570	1574	rBV	75250	113839	9.08%	0.486%
65	12.387	1574	1581	1584	rBV3	38676	63993	5.10%	0.273%
66	12.452	1584	1592	1597	rBV3	110646	251498	20.05%	1.073%
67	12.552	1603	1609	1615	rVB6	34378	85546	6.82%	0.365%
68	12.681	1623	1631	1635	rBV5	41981	90691	7.23%	0.387%
69	12.728	1635	1639	1641	rVV2	56000	92236	7.35%	0.394%
70	12.752	1641	1643	1649	rVV	57489	79373	6.33%	0.339%
71	12.881	1660	1665	1672	rVV3	66627	123720	9.86%	0.528%
72	12.969	1673	1680	1686	rVB	776067	1105645	88.15%	4.718%
73	13.128	1703	1707	1711	rVV2	26529	40762	3.25%	0.174%
74	13.316	1735	1739	1743	rVB3	34280	42389	3.38%	0.181%
75	13.381	1744	1750	1752	rBV	69199	108707	8.67%	0.464%
76	13.416	1752	1756	1760	rVB	84639	124444	9.92%	0.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
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Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.487	1764	1768	1771	rBV4	34493	64547	5.15%	0.275%
78	13.587	1779	1785	1796	rVB	146979	297961	23.76%	1.272%
79	13.793	1811	1820	1826	rBV5	32928	92307	7.36%	0.394%
80	13.857	1827	1831	1836	rVB	41694	67379	5.37%	0.288%
81	14.016	1850	1858	1863	rBV2	119446	205433	16.38%	0.877%
82	14.069	1863	1867	1873	rVV3	40697	64551	5.15%	0.275%
83	14.351	1907	1915	1920	rBV	199535	340412	27.14%	1.453%
84	14.534	1939	1946	1948	rBV4	33087	71675	5.71%	0.306%
85	14.687	1967	1972	1980	rVB10	15333	41612	3.32%	0.178%
86	14.763	1980	1985	1988	rBV	30885	45537	3.63%	0.194%
87	14.863	1994	2002	2007	rBV2	23877	55507	4.43%	0.237%
88	14.987	2019	2023	2027	rBV2	45526	70426	5.61%	0.301%
89	15.193	2054	2058	2063	rVB4	28122	40442	3.22%	0.173%
90	15.245	2063	2067	2072	rVB3	38368	53844	4.29%	0.230%
91	15.745	2141	2152	2160	rVV9	31871	98732	7.87%	0.421%
92	15.857	2164	2171	2177	rVV	574355	860542	68.61%	3.672%
93	17.116	2379	2385	2391	rBV	205301	289167	23.05%	1.234%
94	18.022	2533	2539	2546	rBV	287450	404428	32.24%	1.726%
95	19.134	2721	2728	2741	rBV4	44164	120312	9.59%	0.513%
96	19.257	2744	2749	2759	rVV	195704	256594	20.46%	1.095%
97	19.686	2817	2822	2828	rBV	1024950	1254263	100.00%	5.353%
98	20.922	3029	3032	3041	rVB2	106531	150101	11.97%	0.641%
99	21.210	3076	3081	3086	rBV	276516	335320	26.73%	1.431%
100	23.492	3463	3469	3477	rVB2	183059	348141	27.76%	1.486%

Sum of corrected areas: 23433162

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
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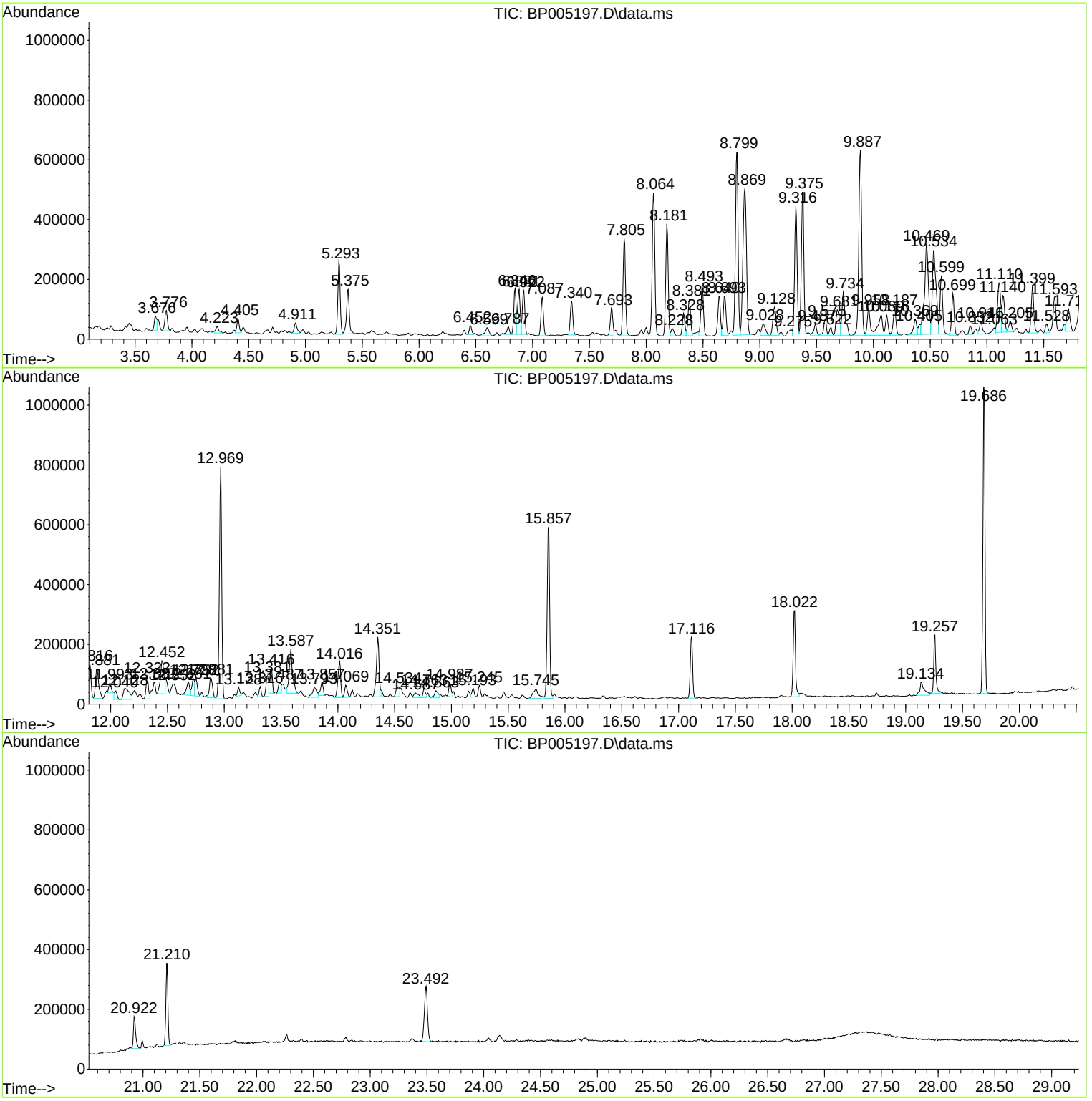
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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\
Data File : BP005197.D
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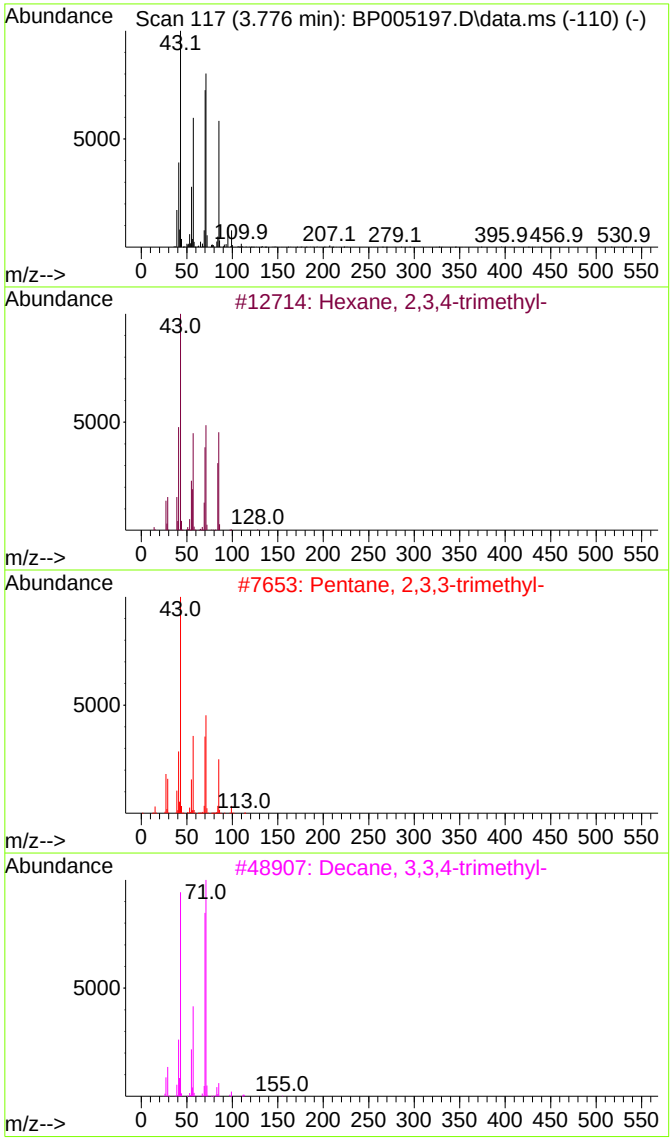
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

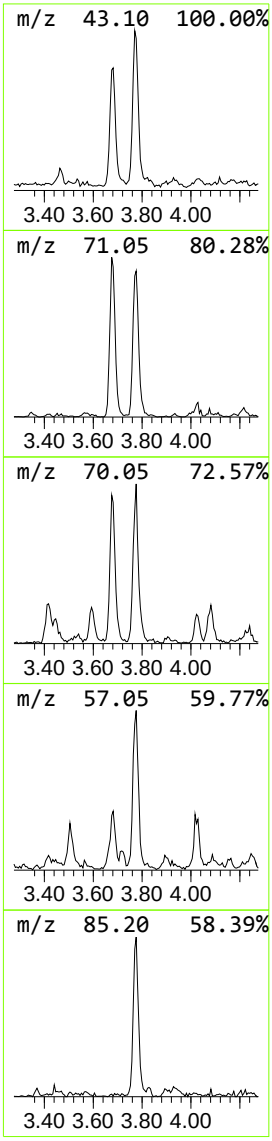
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexane, 2,3,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.776	15.16 ng	109492	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

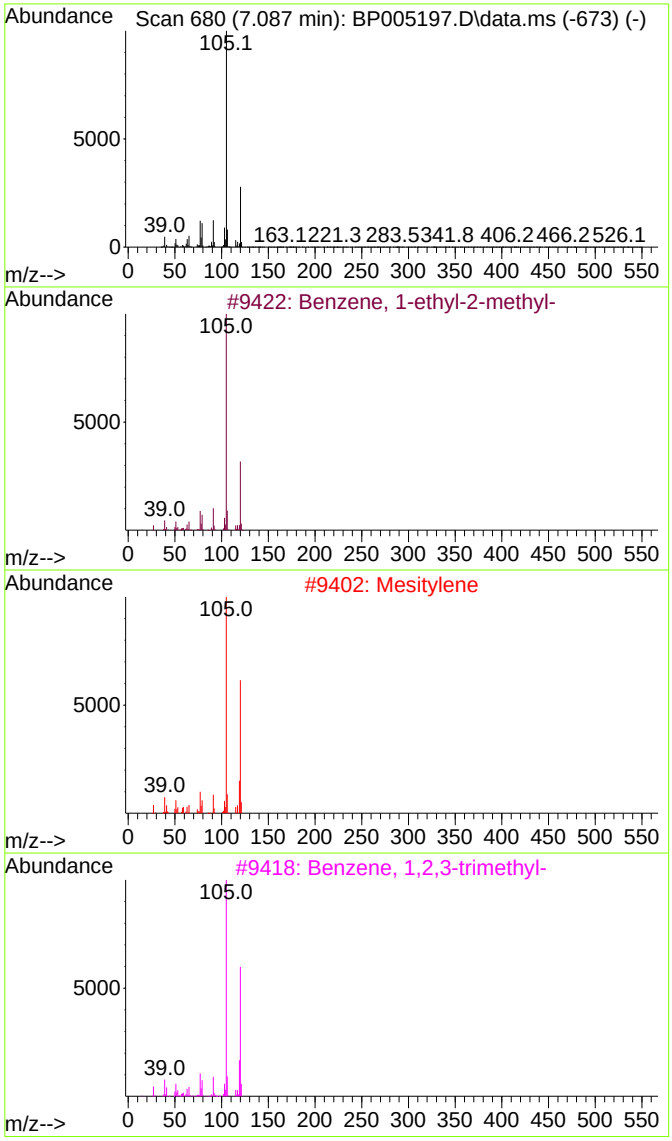
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

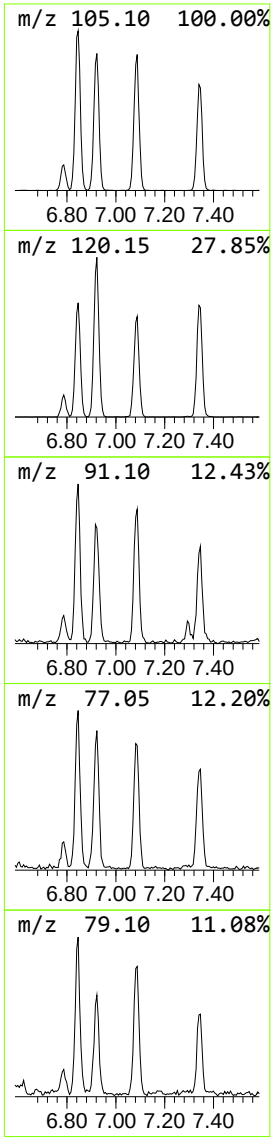
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	27.42 ng	198044	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
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_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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

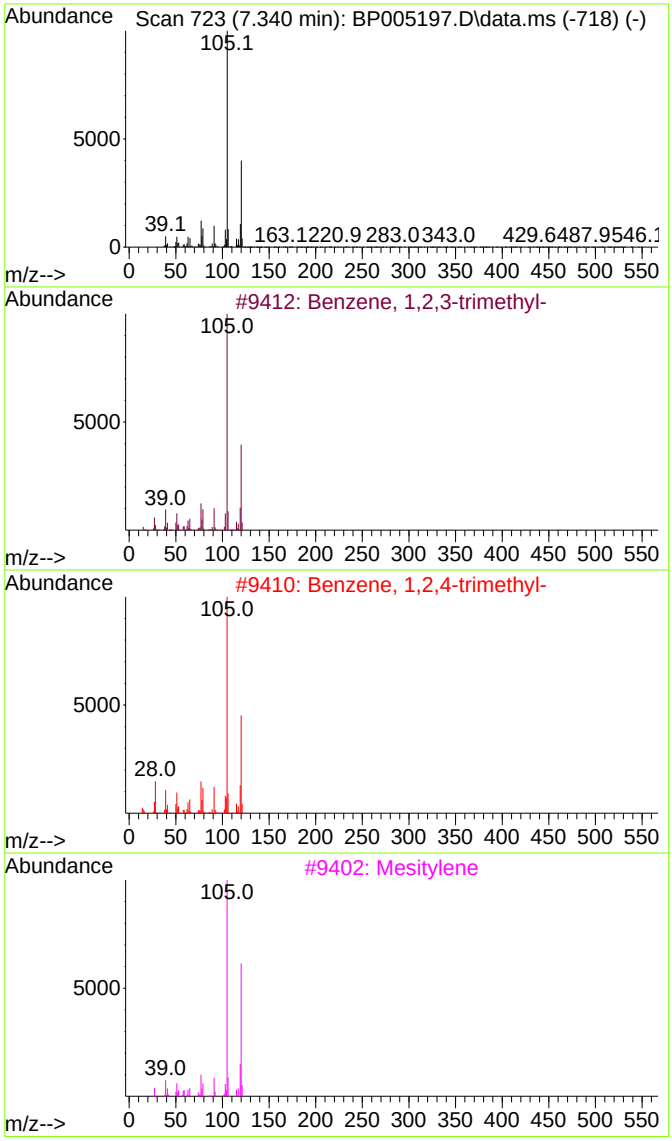
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

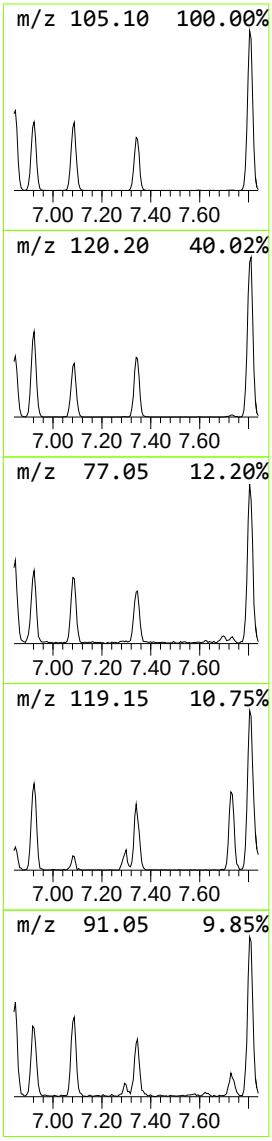
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.340	24.03 ng	173571	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
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Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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

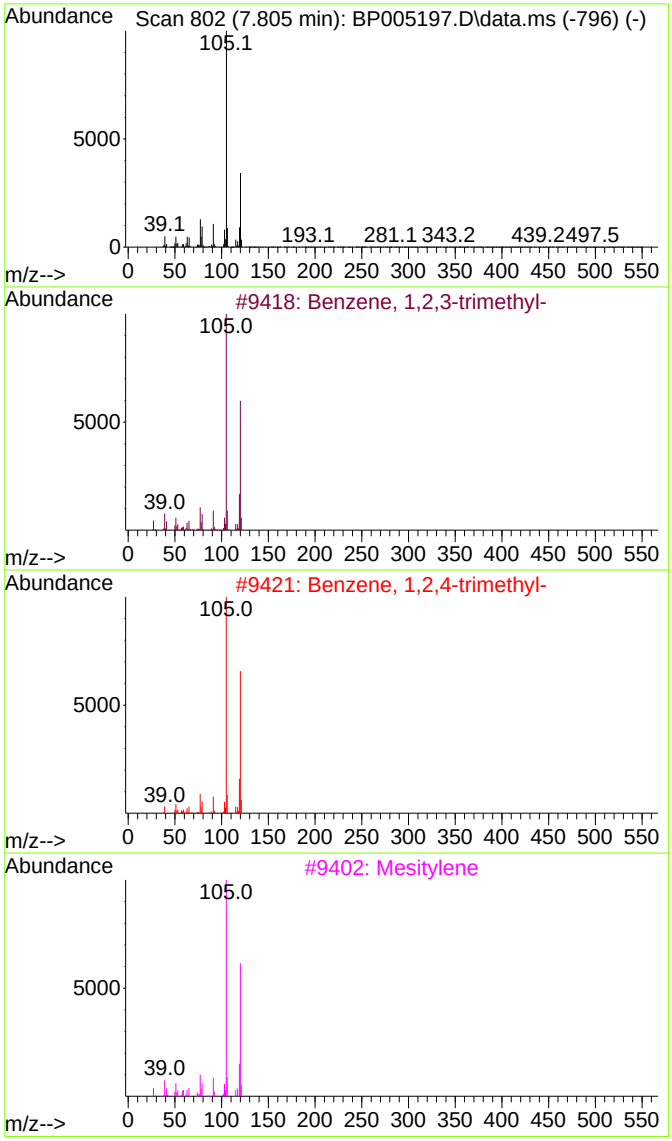
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

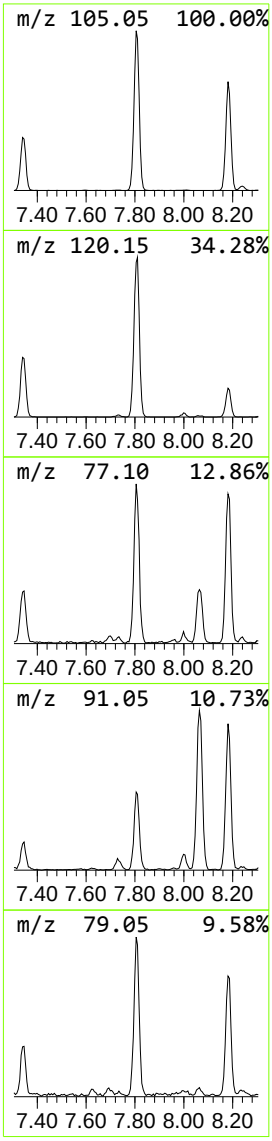
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.805	69.25 ng	500098	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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

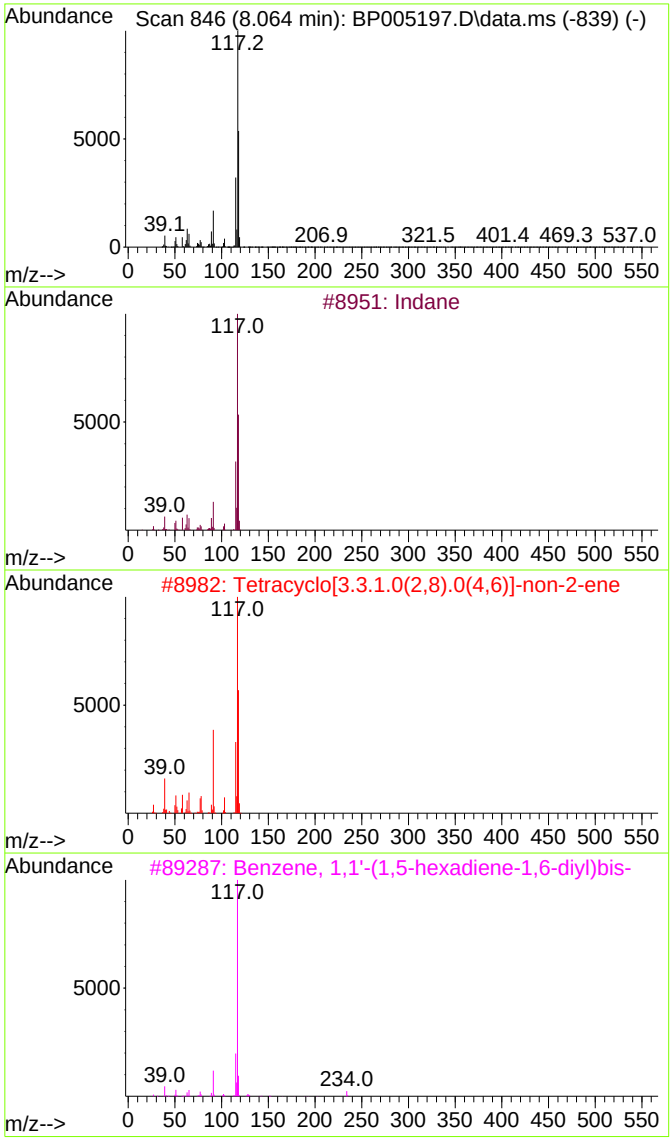
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

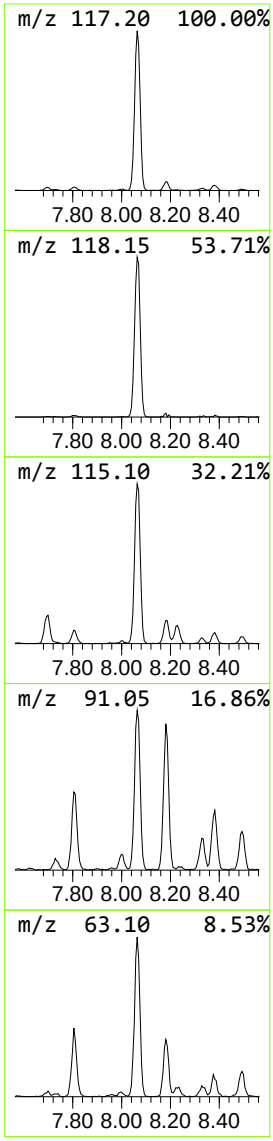
****

Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.064	107.15 ng	773822	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Deltacyclene	118	C9H10	007785-10-6	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





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Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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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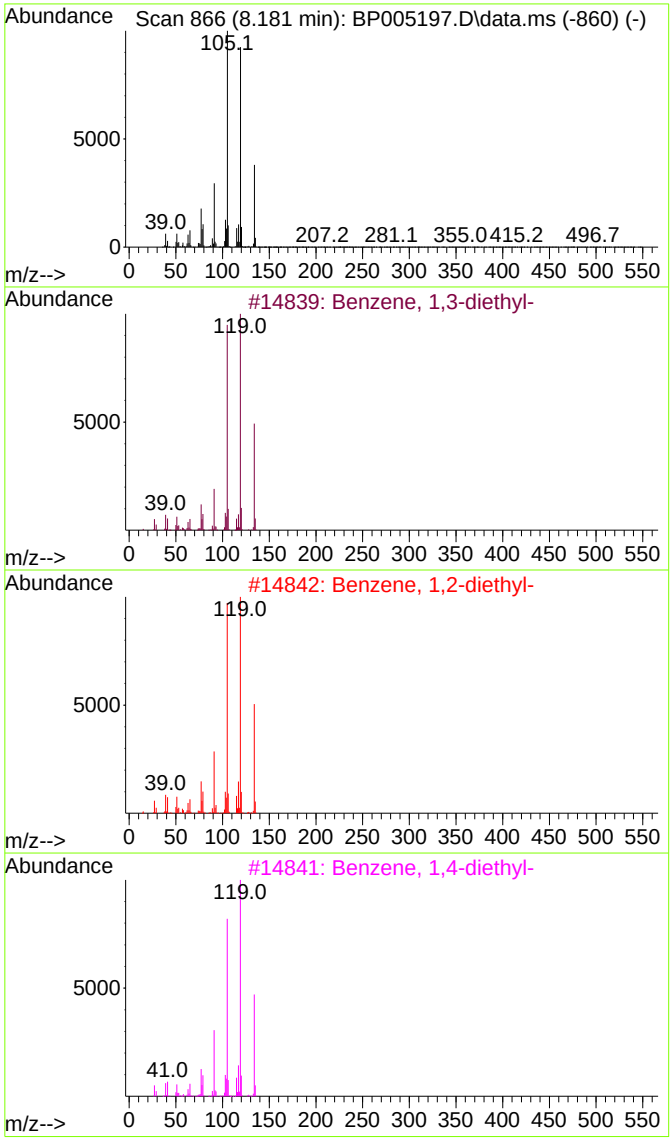
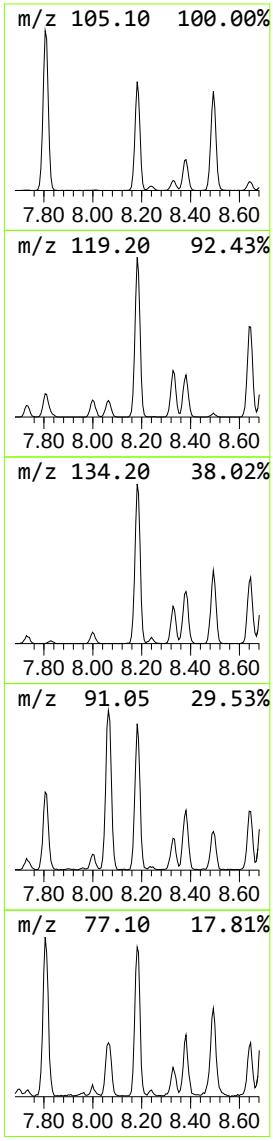
Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.181	76.89 ng	555314	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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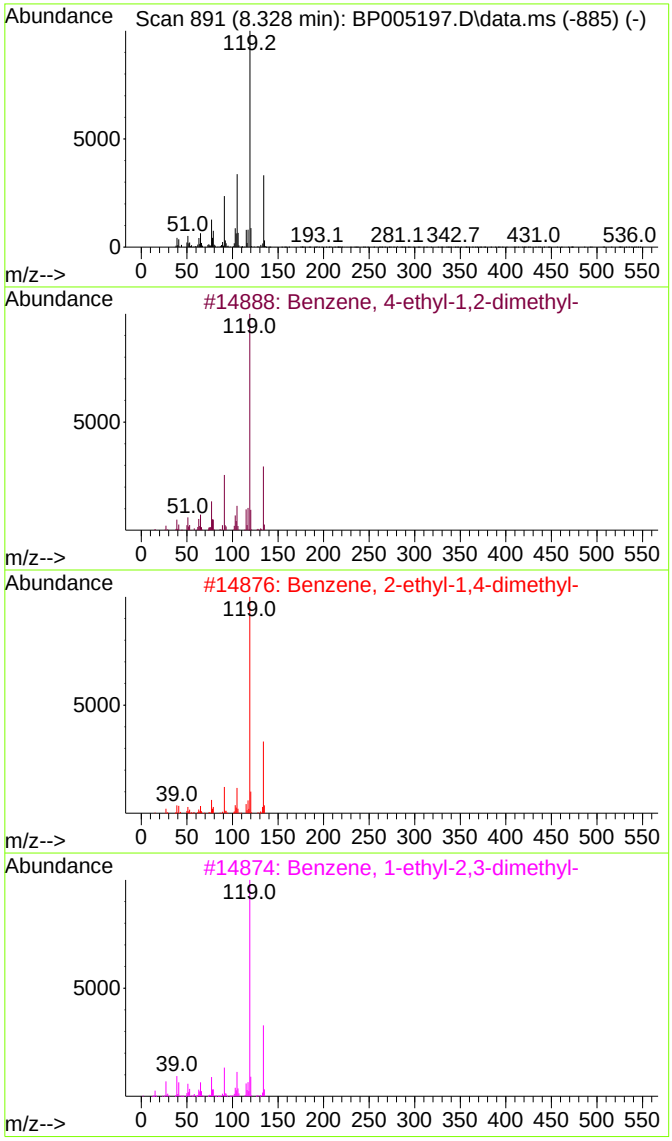
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

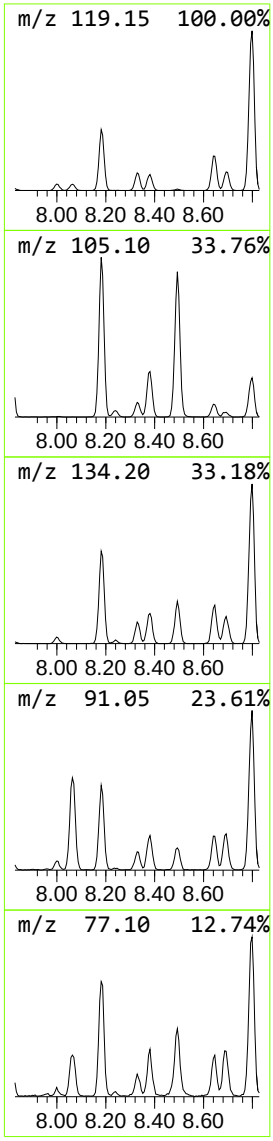
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	16.17 ng	116778	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	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





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Sample : M1931-01
Misc :
ALS Vial : 8 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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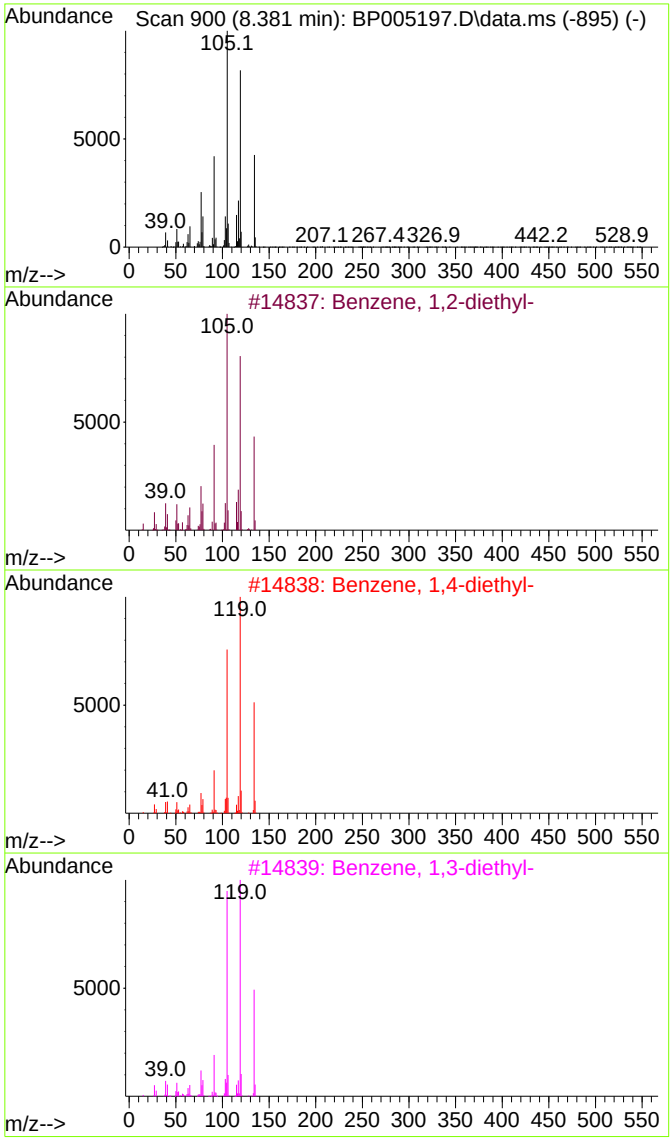
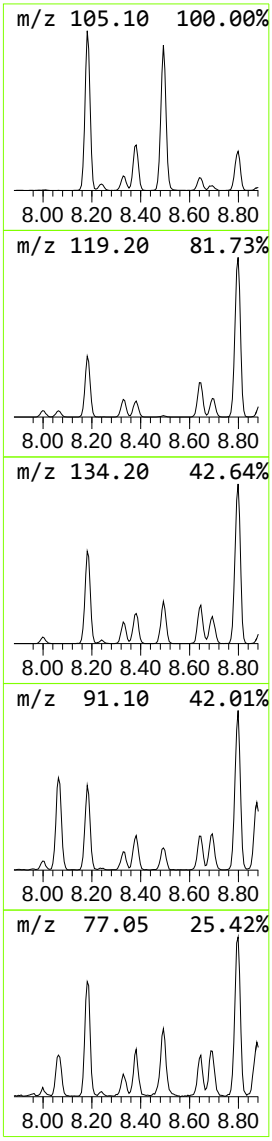
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.381	26.77 ng	193363	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	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	o-Cymene	134	C10H14	000527-84-4	68





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Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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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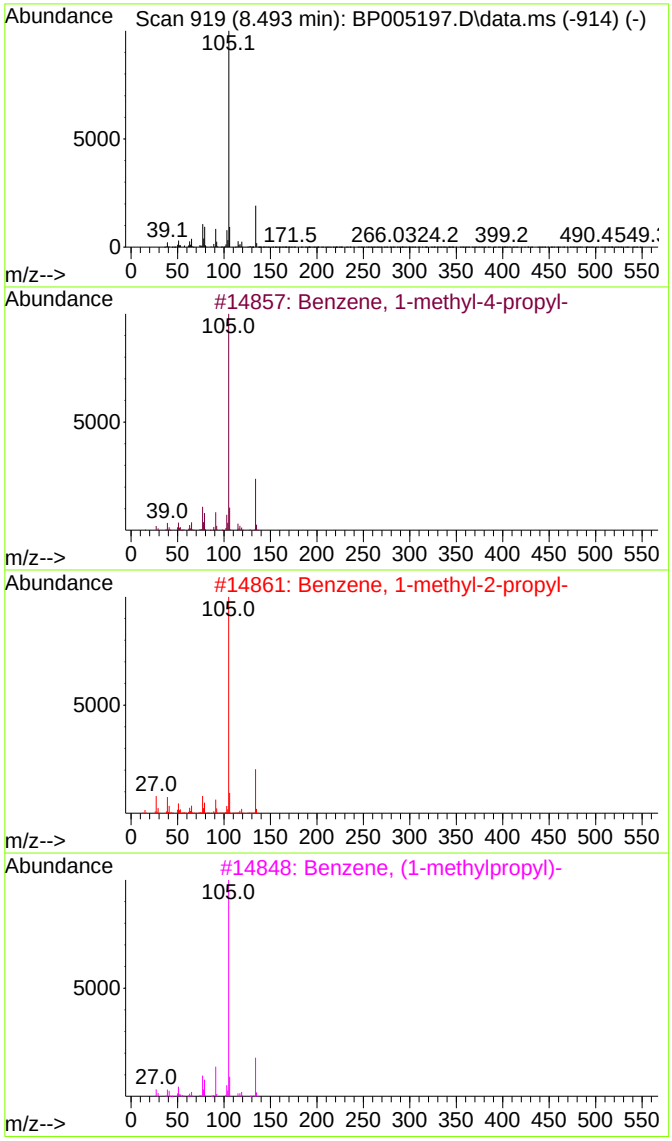
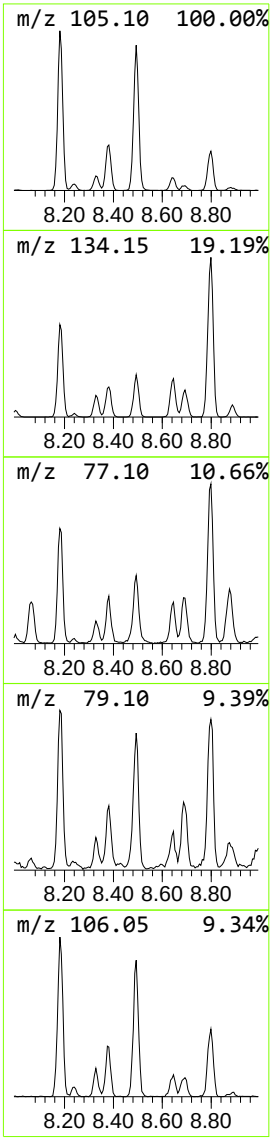
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.493	36.23 ng	261643	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	91
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

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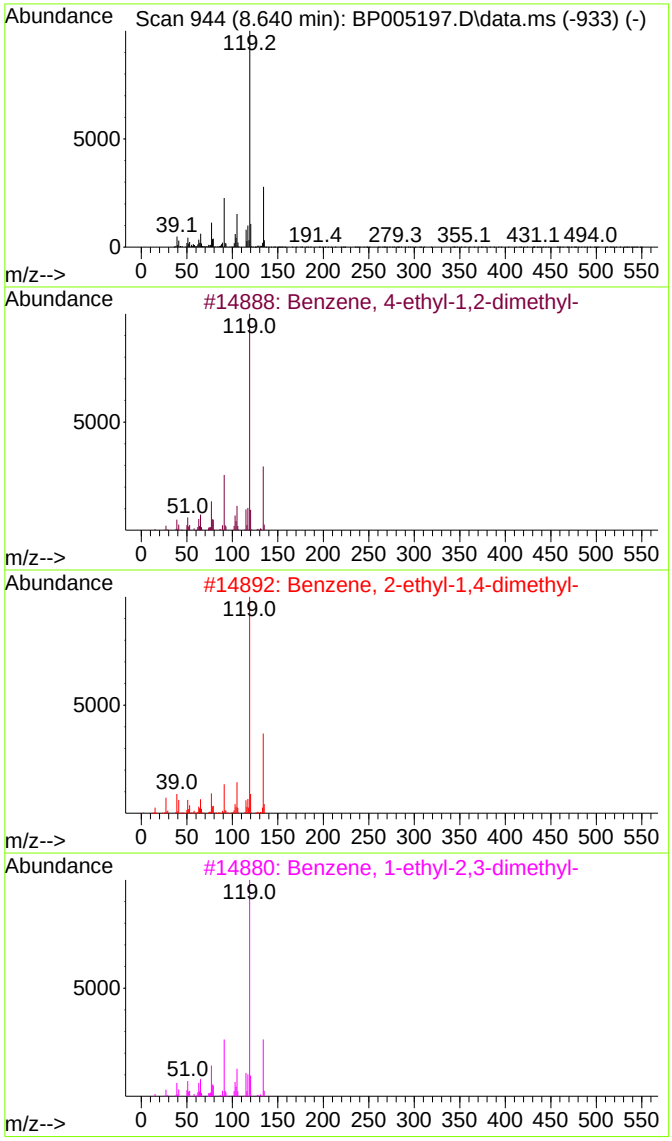
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

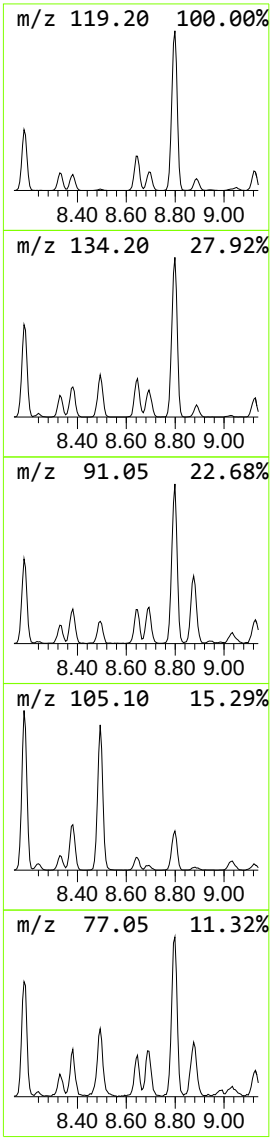
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.640	30.40 ng	219569	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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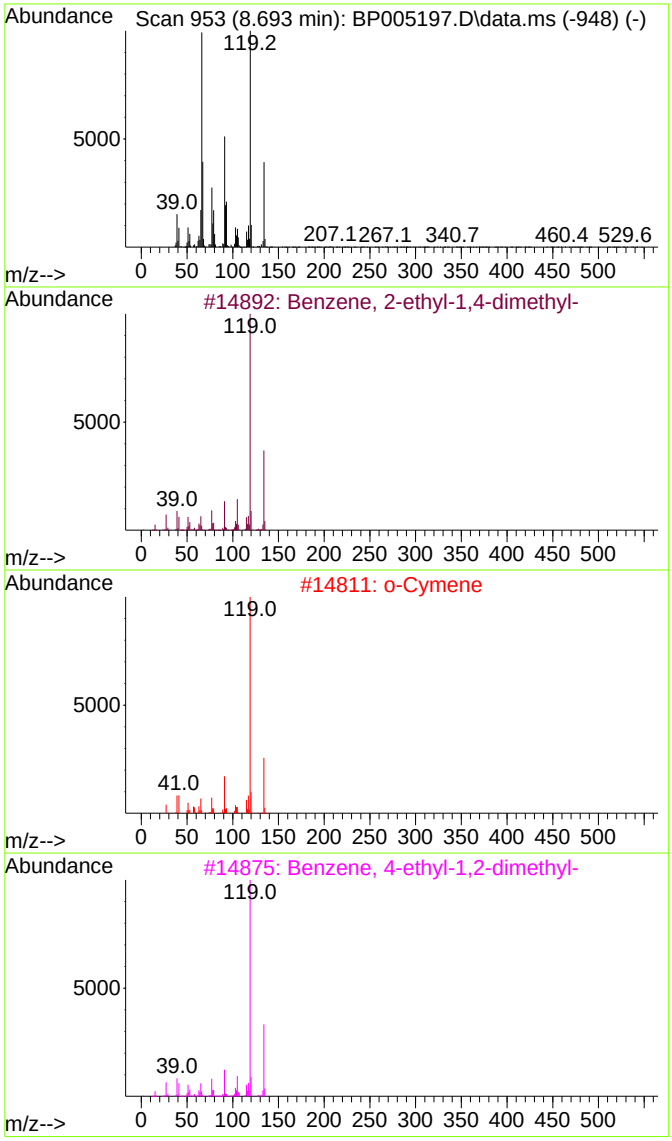
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

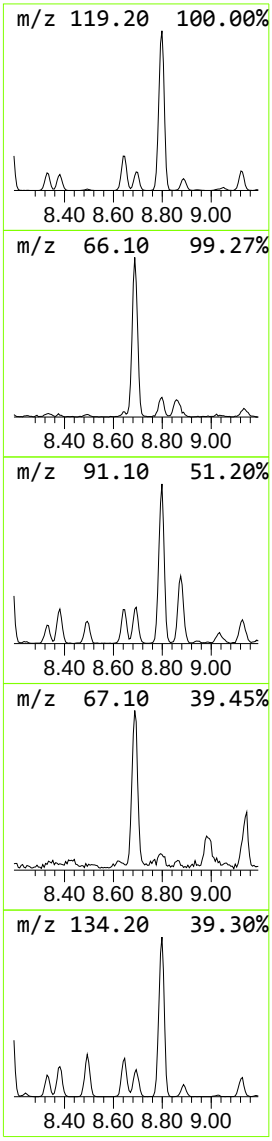
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.693	31.39 ng	226739	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
2	o-Cymene	134	C10H14	000527-84-4	47
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35





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Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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

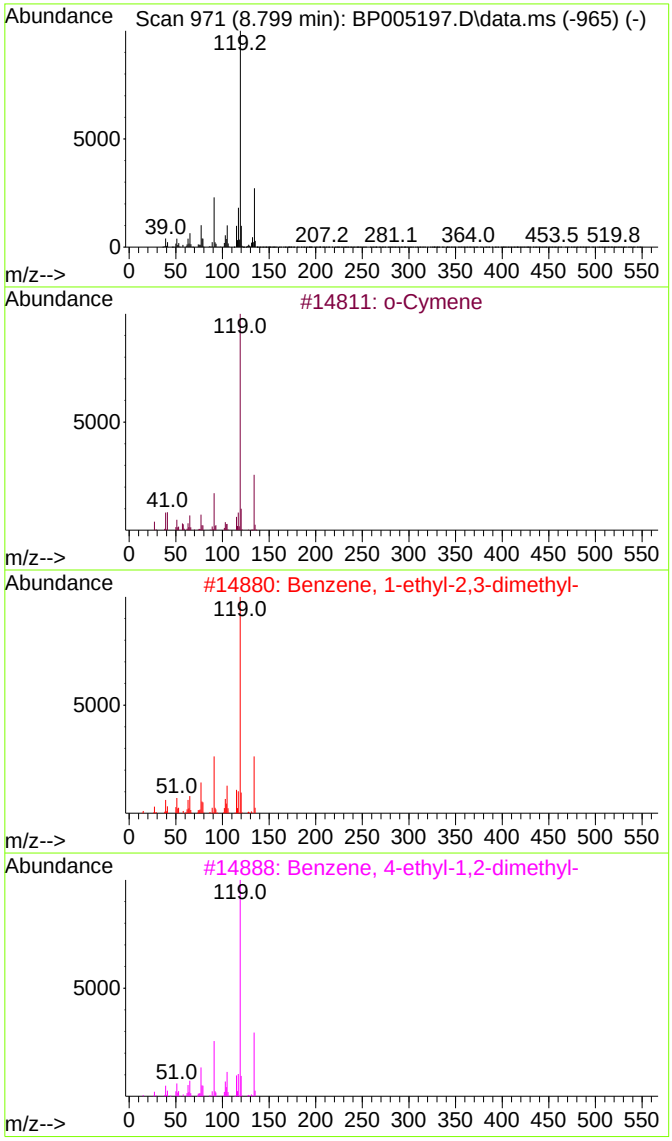
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

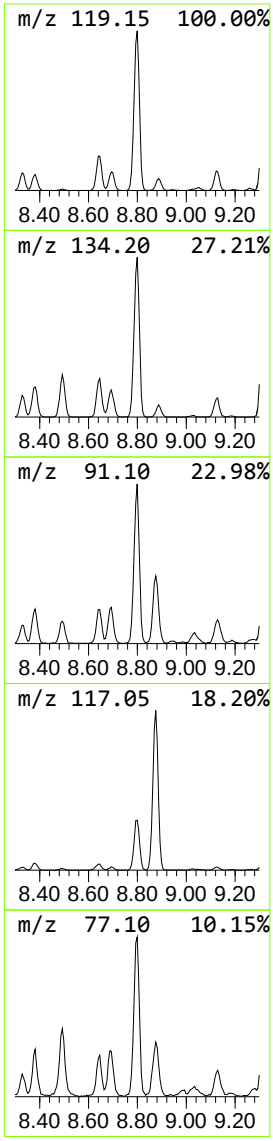
****

Peak Number 13 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.799	136.44 ng	985403	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Sample : M1931-01
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ALS Vial : 8 Sample Multiplier: 1

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

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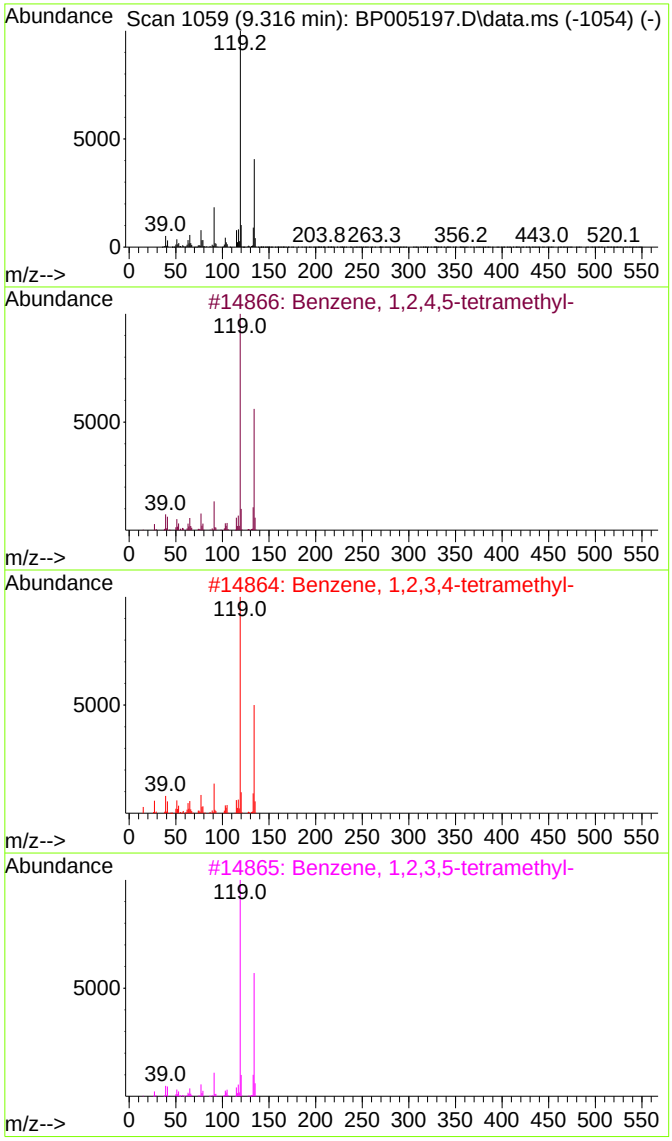
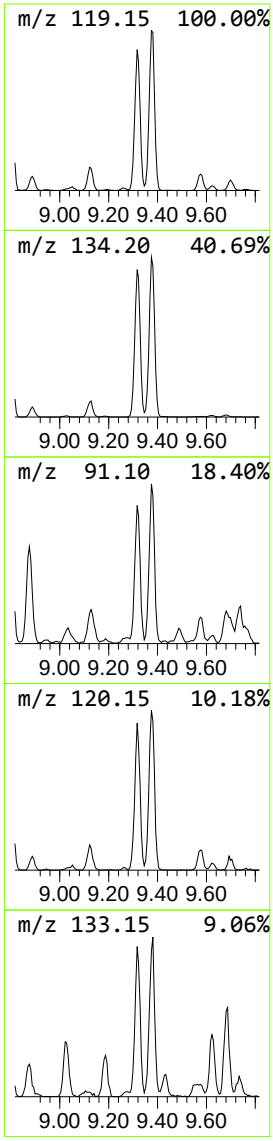
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	17.44 ng	654795	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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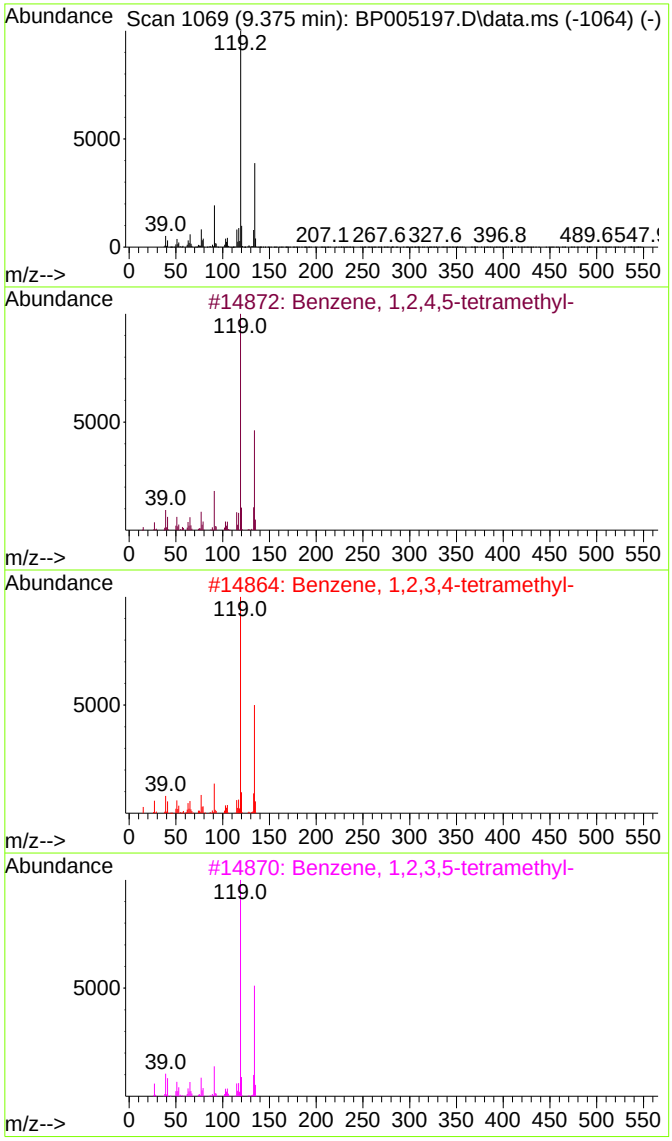
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

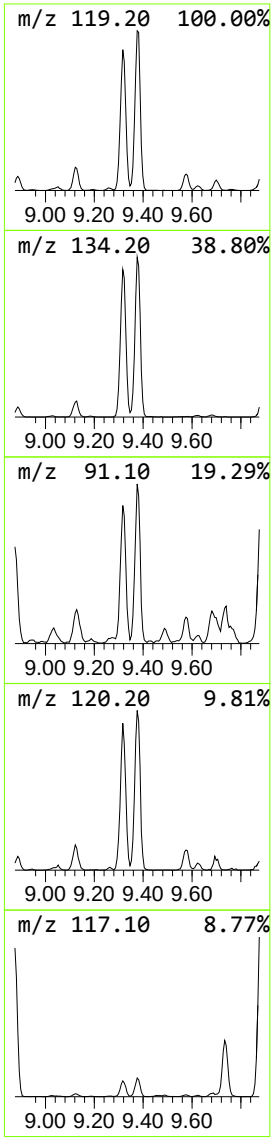
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	19.14 ng	718626	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Misc :
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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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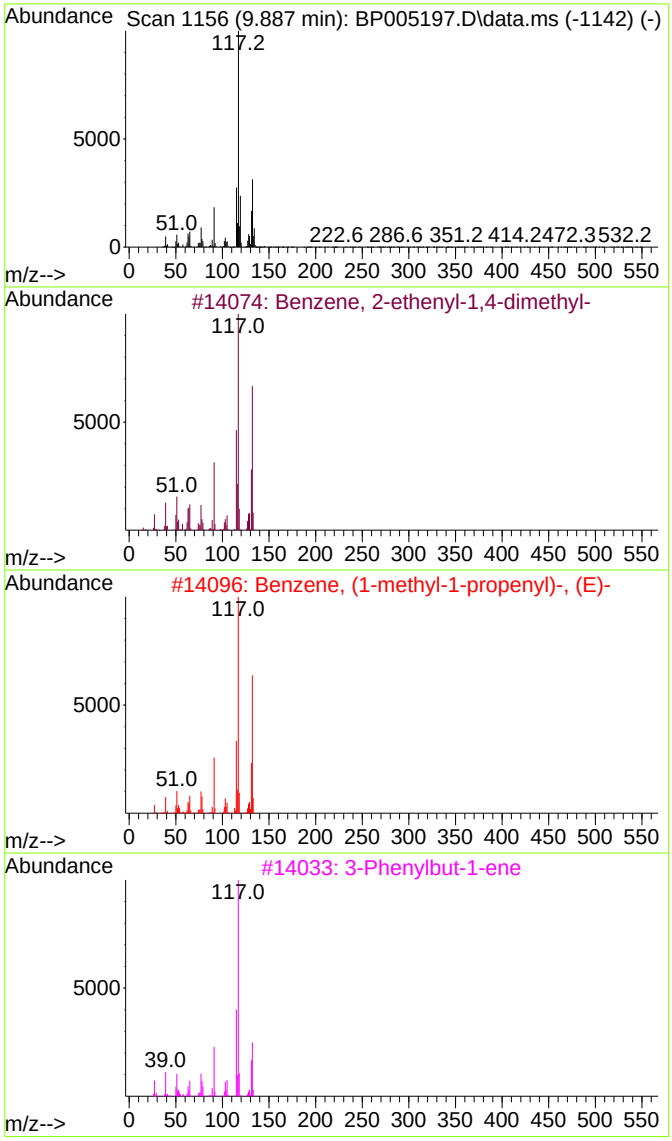
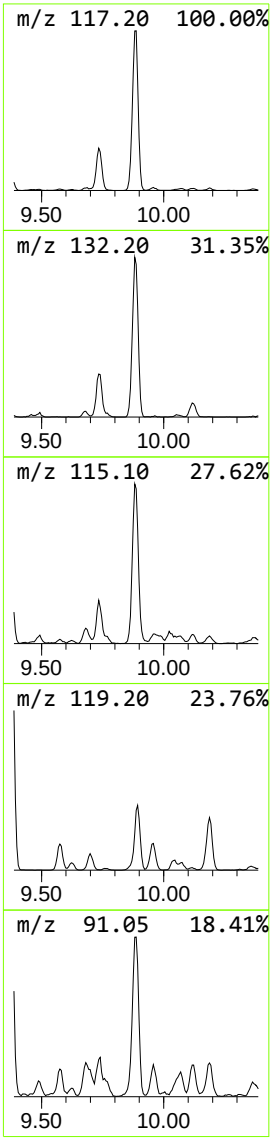
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.887	29.34 ng	1101480	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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ALS Vial : 8 Sample Multiplier: 1

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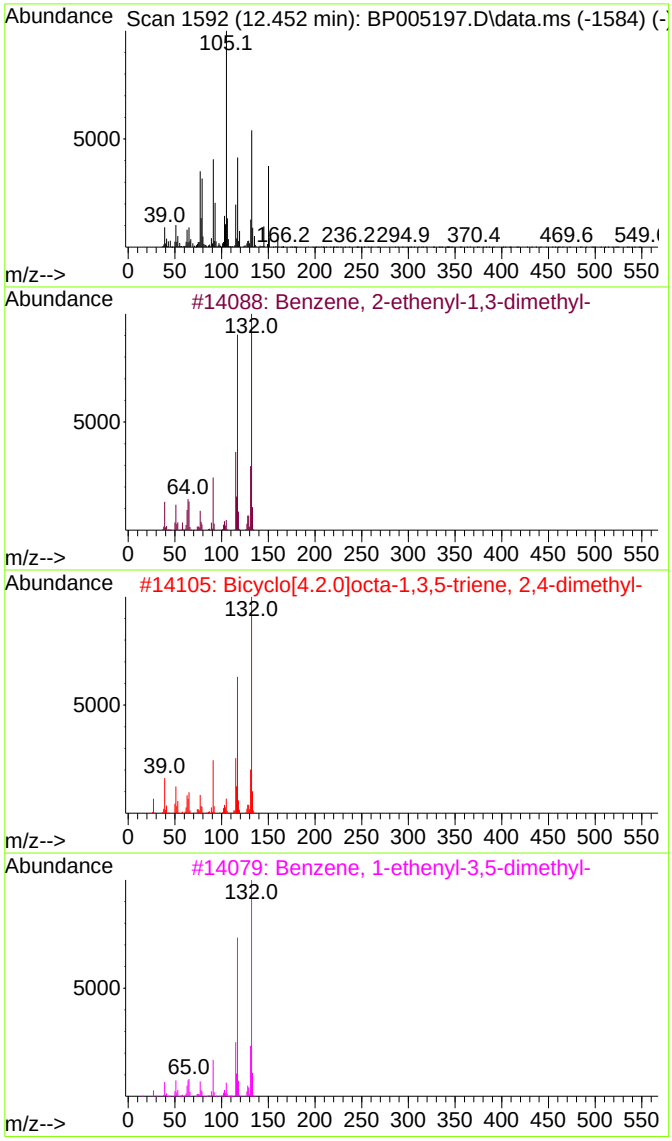
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

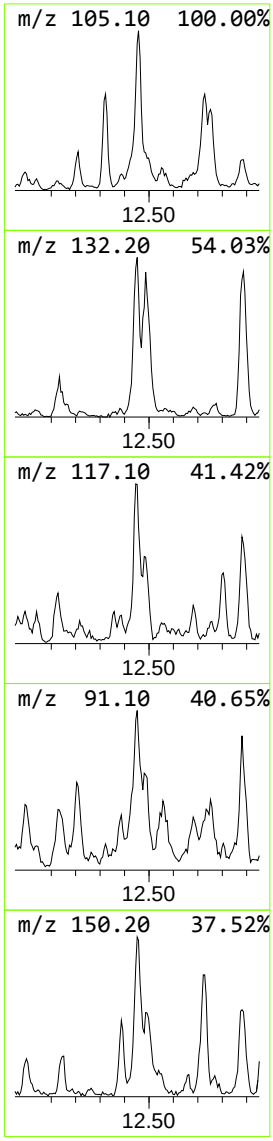
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	14.78 ng	251498	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	53
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	53
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	49
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	47
5	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	38





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Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BES-12SR

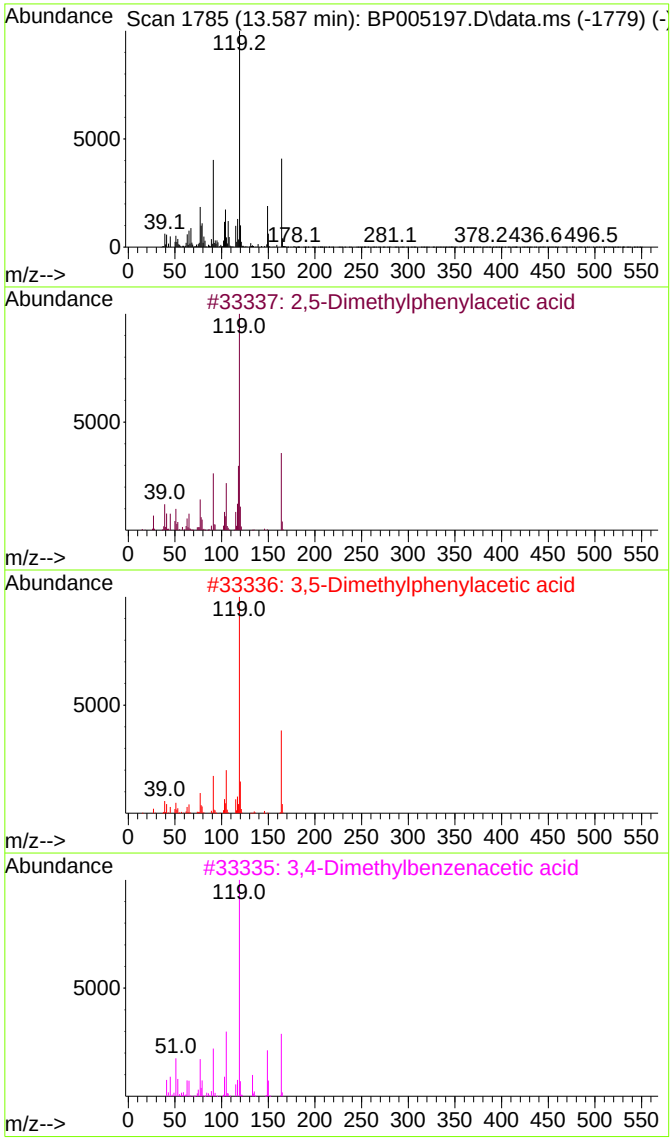
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

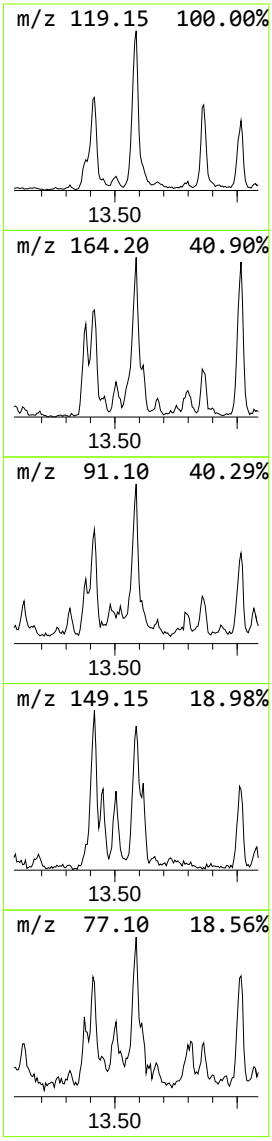
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,5-Dimethylphenylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	17.51 ng	297961	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	87
2	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	64
3	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	64
4	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	59
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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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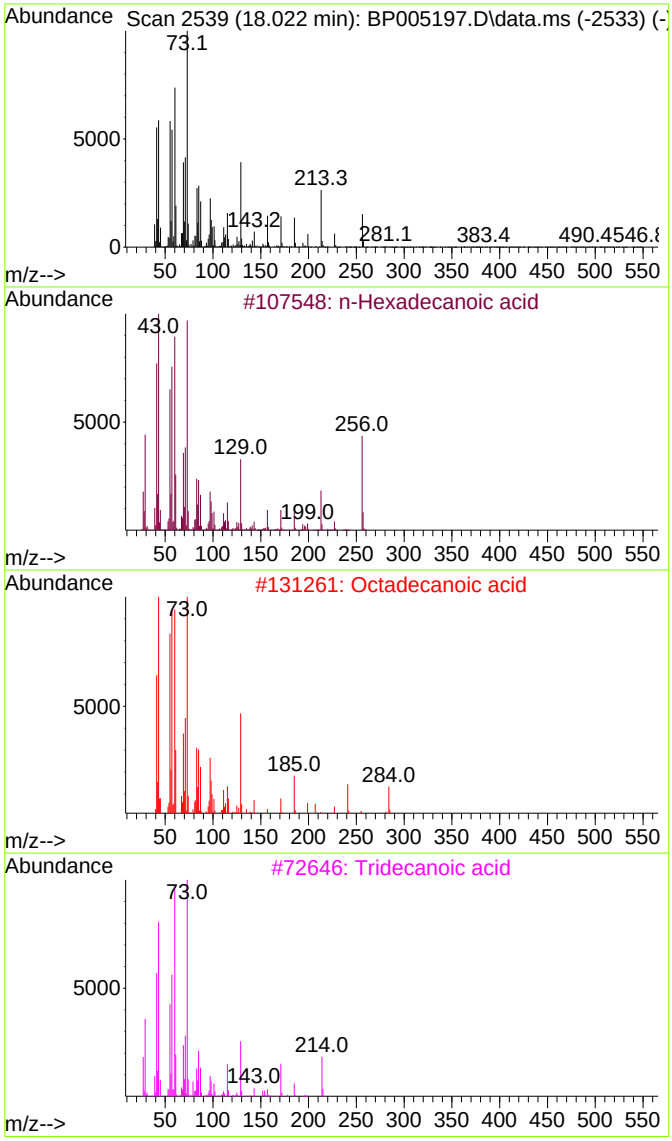
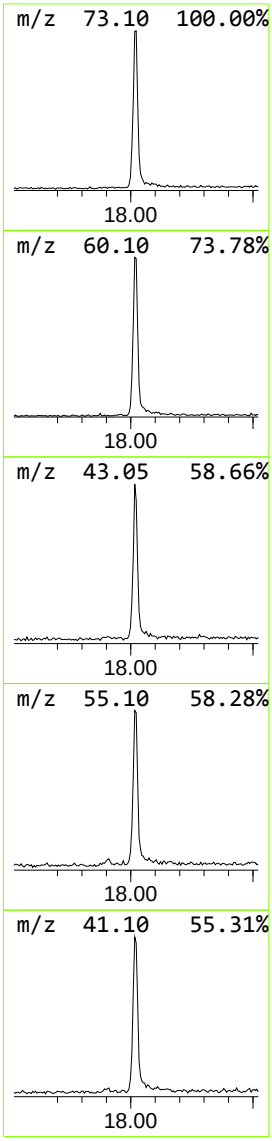
Peak Number 19 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	27.97 ng	404428	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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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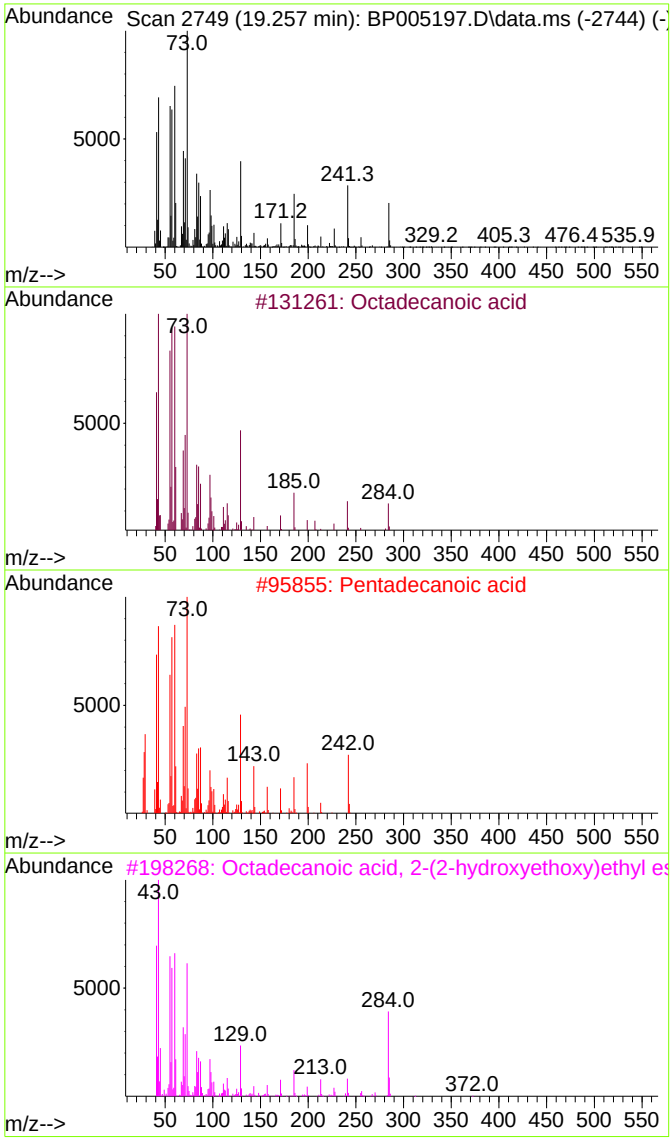
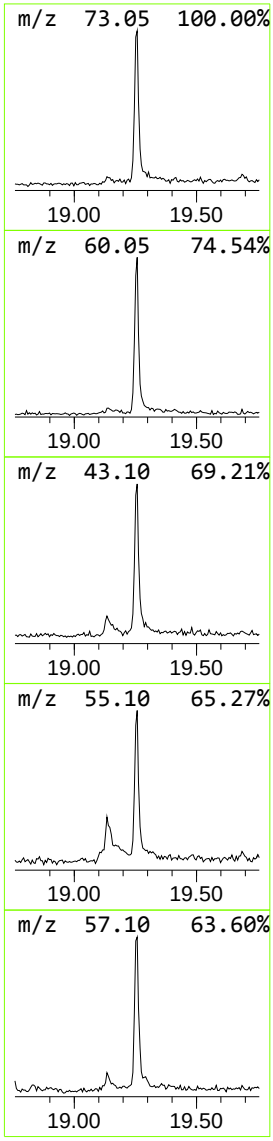
Peak Number 20 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	15.30 ng	256594	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005197.D
Acq On : 06 Apr 2021 15:28
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BES-12SR

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
Hexane, 2,3,4-t...	3.776	15.2	ng	109492	1	7.693	144443	20.0
Benzene, 1-ethy...	7.087	27.4	ng	198044	1	7.693	144443	20.0
Benzene, 1,2,3-...	7.340	24.0	ng	173571	1	7.693	144443	20.0
Benzene, 1,2,4-...	7.805	69.3	ng	500098	1	7.693	144443	20.0
Indane	8.064	107.2	ng	773822	1	7.693	144443	20.0
Benzene, 1,3-di...	8.181	76.9	ng	555314	1	7.693	144443	20.0
Benzene, 1-ethy...	8.328	16.2	ng	116778	1	7.693	144443	20.0
Benzene, 1,2-di...	8.381	26.8	ng	193363	1	7.693	144443	20.0
Benzene, 1-meth...	8.493	36.2	ng	261643	1	7.693	144443	20.0
Benzene, 4-ethy...	8.640	30.4	ng	219569	1	7.693	144443	20.0
Benzene, 2-ethy...	8.693	31.4	ng	226739	1	7.693	144443	20.0
o-Cymene	8.799	136.4	ng	985403	1	7.693	144443	20.0
Benzene, 1,2,3,...	9.316	17.4	ng	654795	2	10.487	750798	20.0
Benzene, 1,2,4,...	9.375	19.1	ng	718626	2	10.487	750798	20.0
Benzene, 2-ethe...	9.887	29.3	ng	1101480	2	10.487	750798	20.0
Benzene, 2-ethe...	12.451	14.8	ng	251498	3	14.351	340412	20.0
2,5-Dimethylphe...	13.587	17.5	ng	297961	3	14.351	340412	20.0
n-Hexadecanoic ...	18.022	28.0	ng	404428	4	17.116	289167	20.0
Octadecanoic acid	19.257	15.3	ng	256594	5	21.210	335320	20.0