LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

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-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008481.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	22	28	31	rBV3	123656	241997	1.07%	0.151%
2	3.470	75	82	91	rVB	889434	1154710	5.13%	0.718%
3	3.728	116	126	129	rBV2	542912	1085425	4.82%	0.675%
4	3.928	153	160	164	rBV	2018058	2776298	12.33%	1.727%
5	3.964	164	166	175	rVB	290304	354528	1.57%	0.221%
6	4.170	197	201	206	rBV	205730	271576	1.21%	0.169%
7	4.228	206	211	214	rVV	435076	593484	2.64%	0.369%
8	4.722	291	295	298	rBV	294197	414453	1.84%	0.258%
9	4.899	321	325	329	rBV	420396	576131	2.56%	0.358%
10	4.952	329	334	340	rVB	404799	673837	2.99%	0.419%
11	5.246	376	384	392	rVB	9124465	14475189	64.28%	9.006%
12	5.393	395	409	410	rBV	11582920	22519867	100.00%	14.011%
13	5.746	460	469	477	rVV	4559984	7072612	31.41%	4.400%
14	5.817	477	481	485	rVV	152510	228936	1.02%	0.142%
15	6.211	540	548	564	rBV2	1029714	1895947	8.42%	1.180%
16	6.405	576	581	588	rVB2	170849	271707	1.21%	0.169%
17	6.705	626	632	639	rVB	1608819	2387627	10.60%	1.485%
18	6.811	645	650	655	rBV	591315	879719	3.91%	0.547%
19	6.875	655	661	667	rVV	2629998	3997416	17.75%	2.487%
20	6.952	667	674	679	rVV	3194593	4977011	22.10%	3.096%
21	6.993	679	681	687	rVB	190302	247388	1.10%	0.154%
22	7.116	695	702	709	rVV	2979427	4479830	19.89%	2.787%
23	7.228	713	721	731	rVB3	118064	297495	1.32%	0.185%
24	7.387	739	748	756	rVB	10145646	17442425	77.45%	10.852%
25	7.722	799	805	809	rBV	196283	322203	1.43%	0.200%
26	7.840	818	825	833	rVB	3918687	6334045	28.13%	3.941%
27	8.016	839	855	862	rVB3	645925	1496487	6.65%	0.931%
28	8.093	862	868	878	rBV	3073787	4964700	22.05%	3.089%
29	8.211	883	888	892	rVV	233684	356936	1.58%	0.222%
30	8.258	892	896	907	rVV2	262604	491076	2.18%	0.306%
31	8.358	907	913	931	rVB	610416	1190168	5.28%	0.740%
32	8.522	936	941	947	rBV	170575	317410	1.41%	0.197%
33	8.675	961	967	971	rBV	384555	553558	2.46%	0.344%
34	8.728	971	976	980	rBV	264227	400809	1.78%	0.249%
35	8.828	980	993	998	rBV	1027545	2186760	9.71%	1.361%
36	8.899	999	1005	1011	rVB3	999457	2034094	9.03%	1.266%

LSC Area Percent Report

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Sample : M5039-02
Misc :
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Instrument :
BNA_P
ClientSampleId :
MW-14

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-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.158	1044	1049	1057	rVB2	187662	288907	1.28%	0.180%
38	9.352	1076	1082	1087	rBV	477613	754426	3.35%	0.469%
39	9.410	1087	1092	1102	rVV	696959	1083909	4.81%	0.674%
40	9.528	1103	1112	1119	rVB3	323537	722362	3.21%	0.449%
41	9.769	1147	1153	1165	rVB	581499	1041639	4.63%	0.648%
42	9.916	1165	1178	1187	rBV2	1195842	2347282	10.42%	1.460%
43	10.152	1208	1218	1224	rVV	420458	826781	3.67%	0.514%
44	10.510	1270	1279	1284	rBV2	364572	909172	4.04%	0.566%
45	10.575	1284	1290	1296	rVV	3846298	6463569	28.70%	4.021%
46	10.628	1296	1299	1304	rVV	210180	330867	1.47%	0.206%
47	10.687	1304	1309	1314	rVB	179323	292821	1.30%	0.182%
48	10.981	1353	1359	1373	rVB2	141317	431587	1.92%	0.269%
49	11.099	1373	1379	1382	rBV	150502	280338	1.24%	0.174%
50	11.434	1431	1436	1444	rVB2	177584	351203	1.56%	0.219%
51	11.634	1466	1470	1477	rVV2	129856	274959	1.22%	0.171%
52	11.710	1478	1483	1490	rVB	369008	611586	2.72%	0.381%
53	11.910	1513	1517	1526	rVB3	134494	332812	1.48%	0.207%
54	12.075	1539	1545	1550	rVB2	301816	525750	2.33%	0.327%
55	12.187	1559	1564	1572	rVB	1267750	1992130	8.85%	1.239%
56	12.263	1572	1577	1583	rBV2	192276	303006	1.35%	0.189%
57	12.410	1594	1602	1611	rBV2	1013787	2000704	8.88%	1.245%
58	12.581	1625	1631	1634	rBV	275003	556491	2.47%	0.346%
59	12.728	1647	1656	1658	rBV3	176576	367952	1.63%	0.229%
60	12.763	1658	1662	1668	rVV2	306512	510100	2.27%	0.317%
61	12.846	1671	1676	1683	rVV3	144834	408685	1.81%	0.254%
62	12.916	1684	1688	1694	rVV4	122391	248063	1.10%	0.154%
63	12.999	1695	1702	1710	rVB	1409084	2144345	9.52%	1.334%
64	13.222	1731	1740	1744	rBV7	81059	260154	1.16%	0.162%
65	13.534	1788	1793	1795	rVV3	327000	574370	2.55%	0.357%
66	13.563	1795	1798	1809	rVB4	437523	778088	3.46%	0.484%
67	13.698	1809	1821	1825	rBV3	1012665	3001135	13.33%	1.867%
68	13.751	1828	1830	1835	rVB	305321	372731	1.66%	0.232%
69	13.969	1857	1867	1874	rBV2	1122814	2832909	12.58%	1.763%
70	14.098	1884	1889	1894	rVB2	352390	485858	2.16%	0.302%
71	14.381	1930	1937	1942	rBV2	433000	840193	3.73%	0.523%
72	14.598	1968	1974	1976	rBV3	182243	317812	1.41%	0.198%
73	14.769	1996	2003	2011	rVB	772658	1490802	6.62%	0.928%
74	14.857	2011	2018	2024	rVB4	148571	319008	1.42%	0.198%
75	14.934	2024	2031	2035	rBV3	102949	225868	1.00%	0.141%
76	15.528	2127	2132	2140	rBV3	303657	733936	3.26%	0.457%

LSC Area Percent Report

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Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

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-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.887	2187	2193	2200	rVB	1156601	1776084	7.89%	1.105%
78	16.128	2229	2234	2238	rBV2	316544	469943	2.09%	0.292%
79	16.957	2372	2375	2383	rVB	140072	229380	1.02%	0.143%
80	17.145	2402	2407	2411	rBV	477195	652012	2.90%	0.406%
81	17.563	2474	2478	2484	rVB	160669	231217	1.03%	0.144%
82	18.057	2558	2562	2569	rBV3	159319	294581	1.31%	0.183%
83	19.716	2840	2844	2850	rBV	1773498	2174359	9.66%	1.353%
84	21.257	3101	3106	3112	rBV	657277	840936	3.73%	0.523%
85	21.380	3121	3127	3148	rBV	3301287	4567547	20.28%	2.842%
86	23.621	3502	3508	3517	rVB	457489	897621	3.99%	0.558%

Sum of corrected areas: 160731844

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
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Misc :
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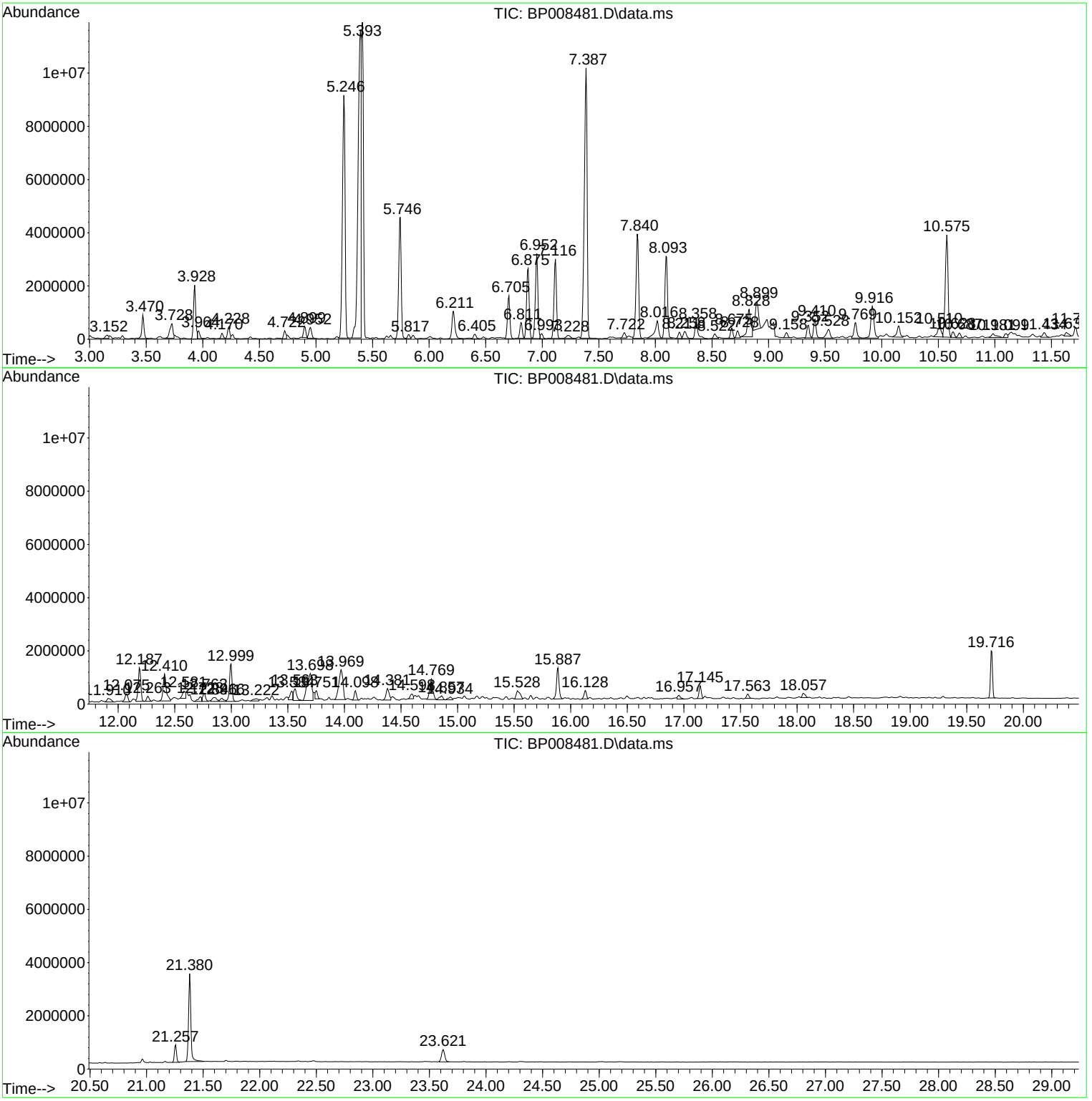
Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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_P\Data\BP121721\
Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

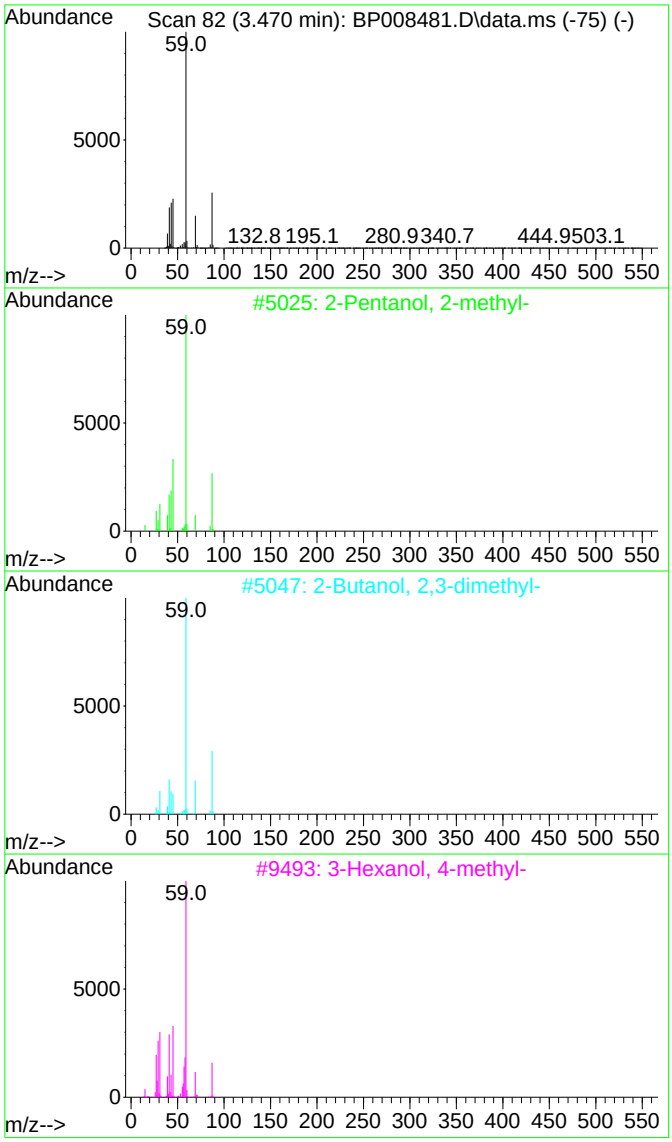
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

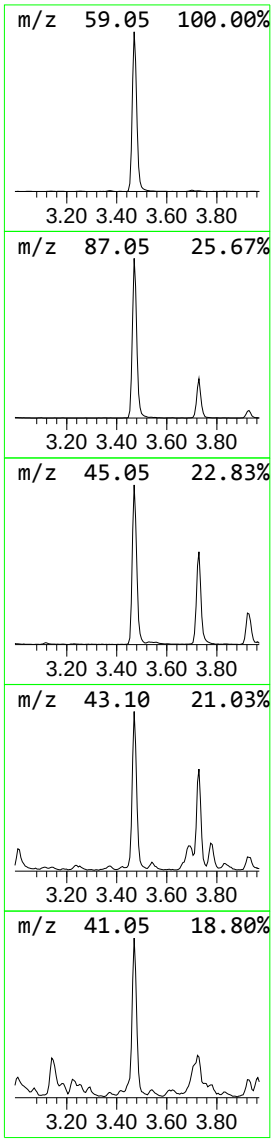
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.470	71.68 ng	1154710	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	64
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	64
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

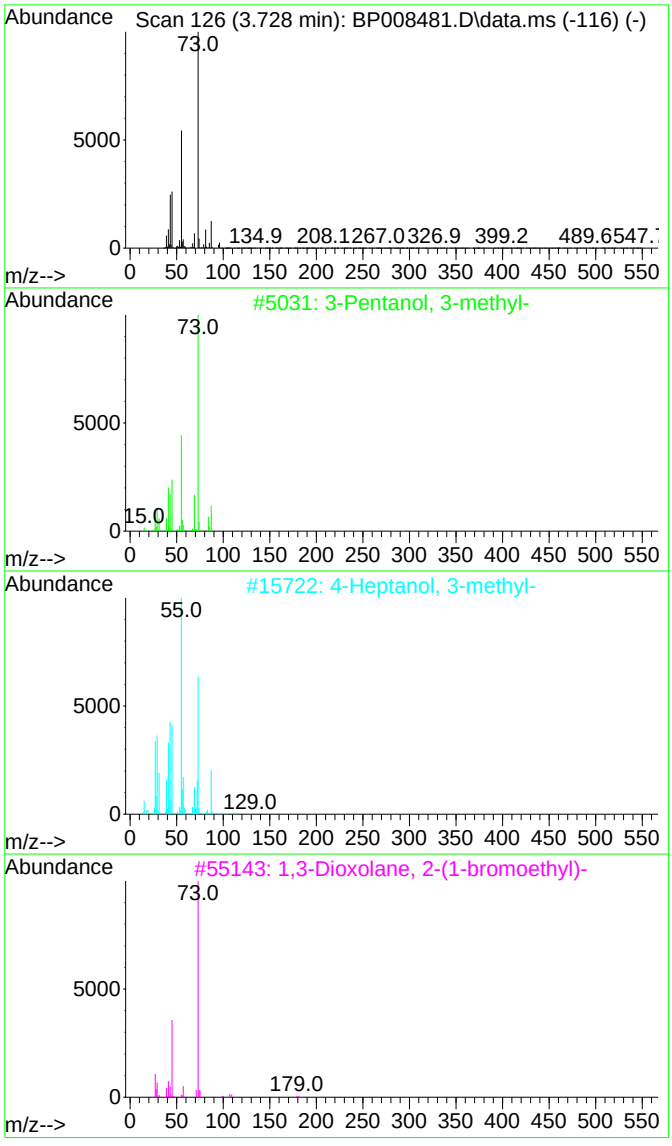
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

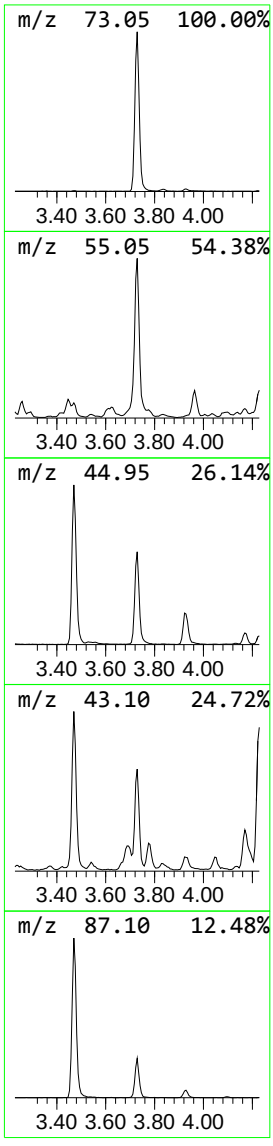
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.728	67.38 ng	1085430	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	64
2	4-Heptanol, 3-methyl-	130	C8H18O	001838-73-9	38
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	37
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	37
5	1,3-Dioxolane, 2-hexyl-	158	C9H18O2	001708-34-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
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Operator : CG/JU
Sample : M5039-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

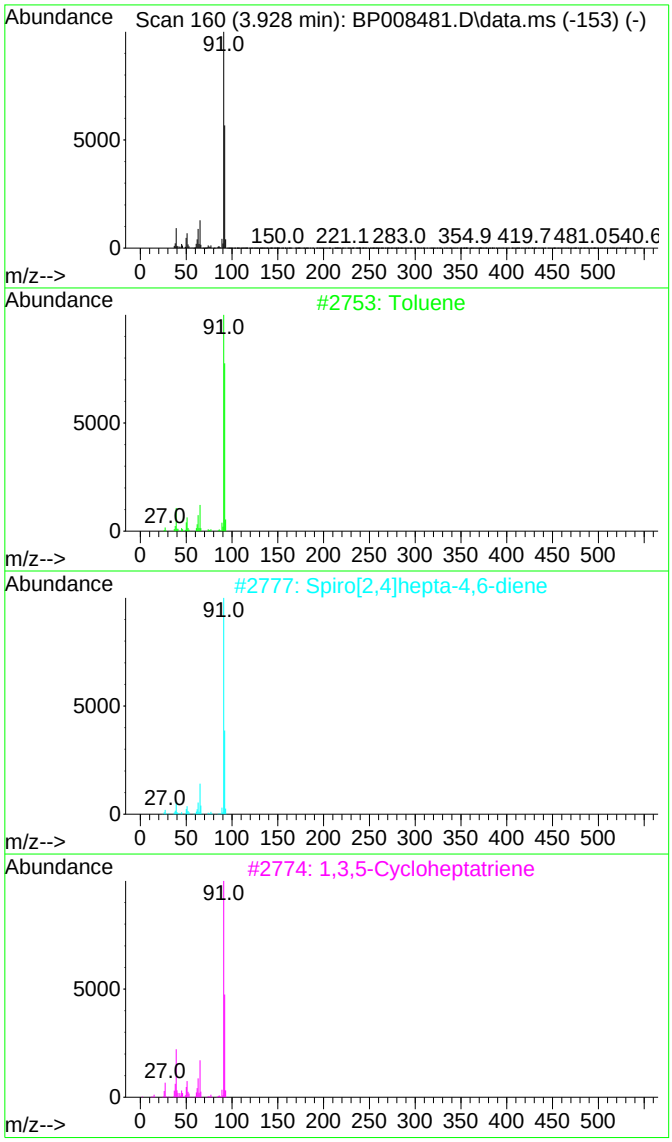
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

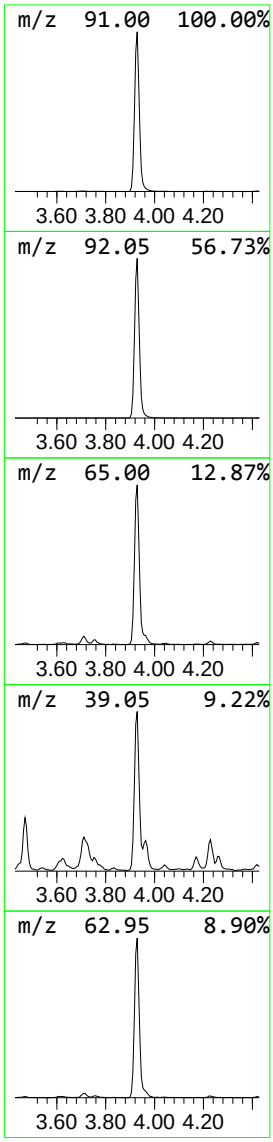
****

Peak Number 3 Spiro[2,4]hepta-4,6-diene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.928	172.33 ng	2776300	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
4	2,5-Norbornadiene	92	C7H8	000121-46-0	80
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72





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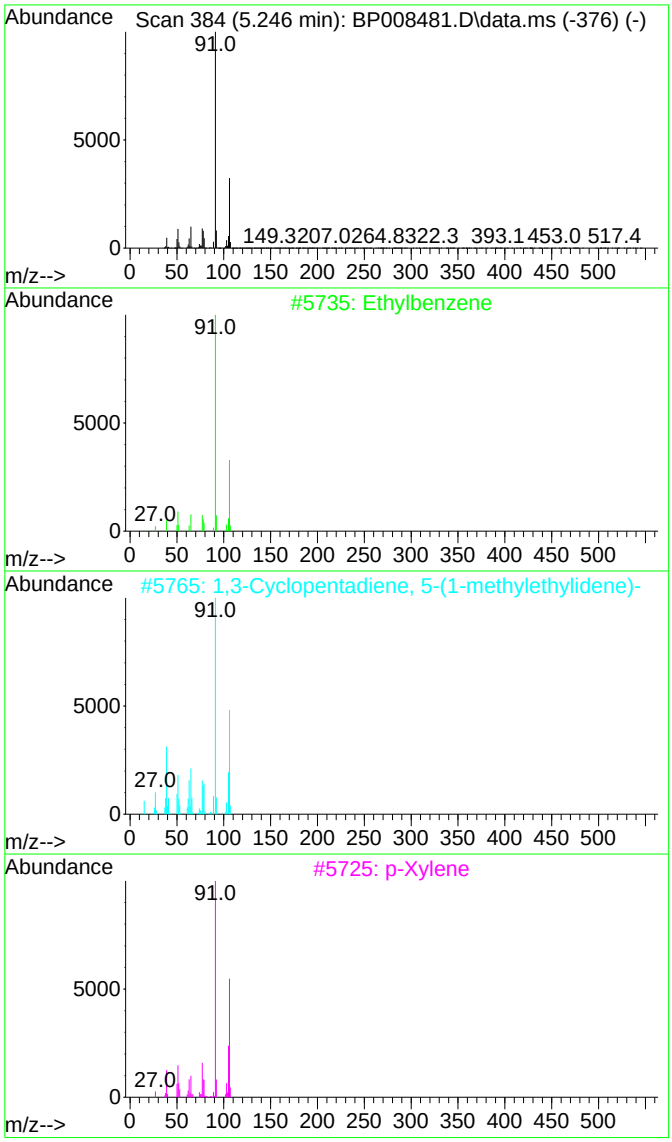
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

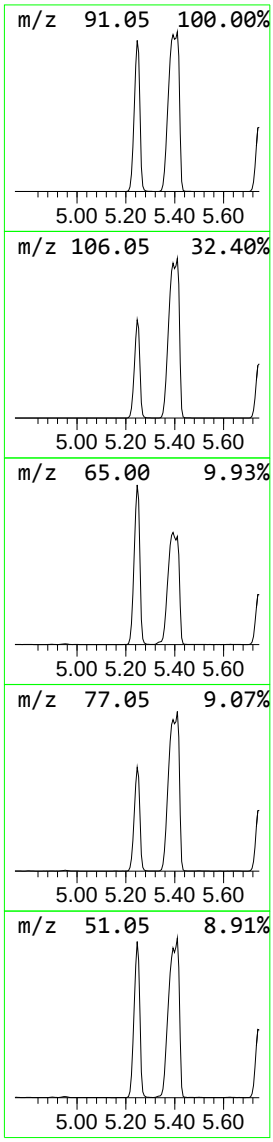
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.246	898.51 ng	14475200	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83
3	p-Xylene	106	C8H10	000106-42-3	81
4	o-Xylene	106	C8H10	000095-47-6	81
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
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Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

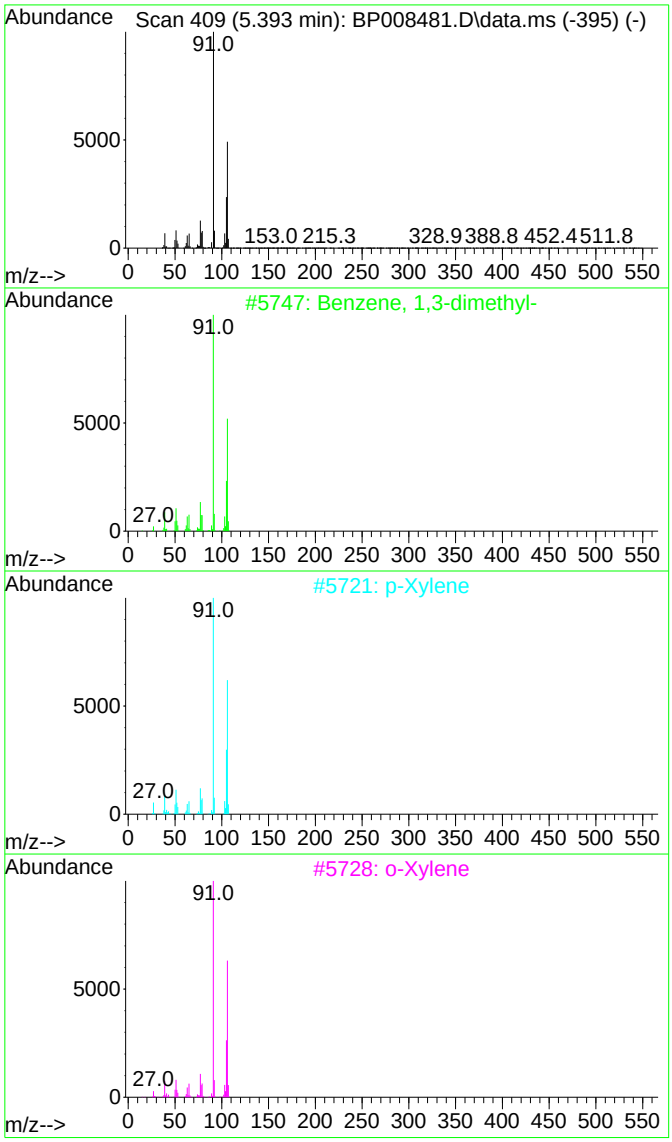
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

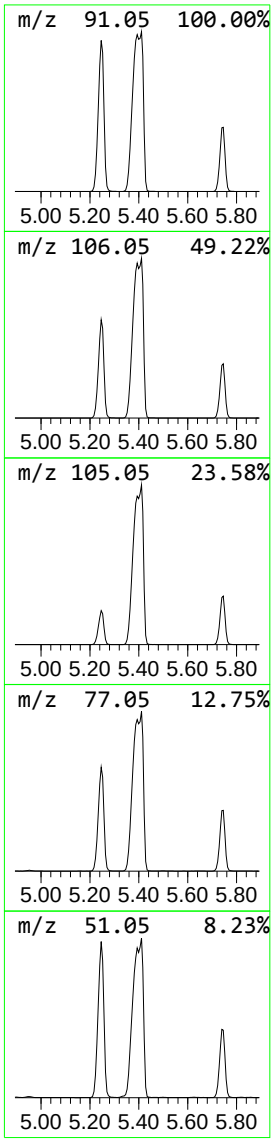
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.393	1397.87 ng	22519900	1,4-Dichlorobenzene-d4	7.728

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	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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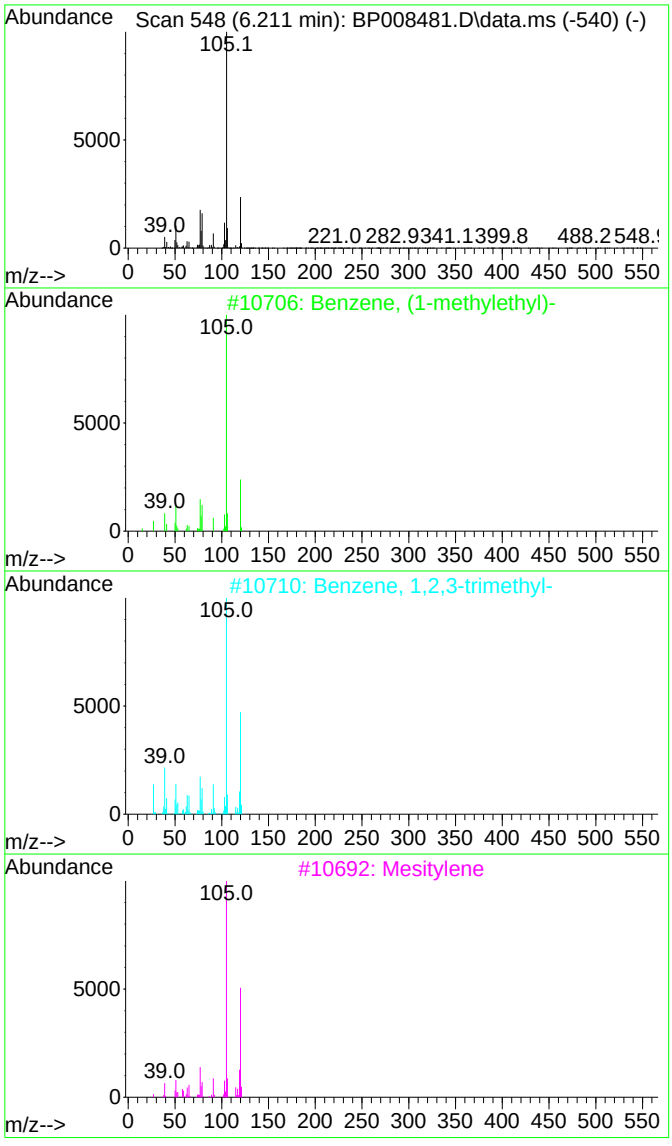
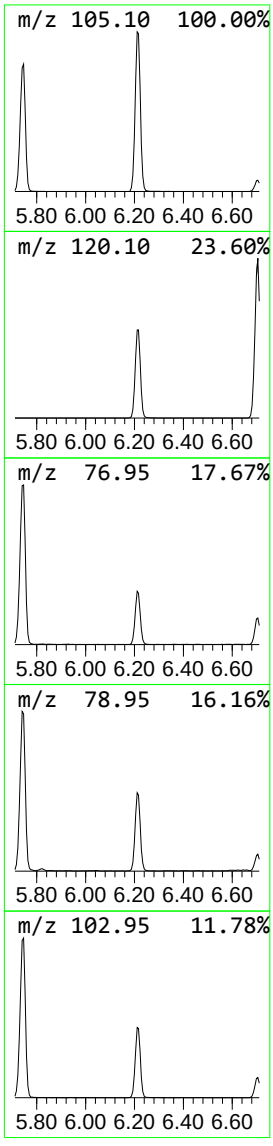
Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.211	117.69 ng	1895950	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83





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Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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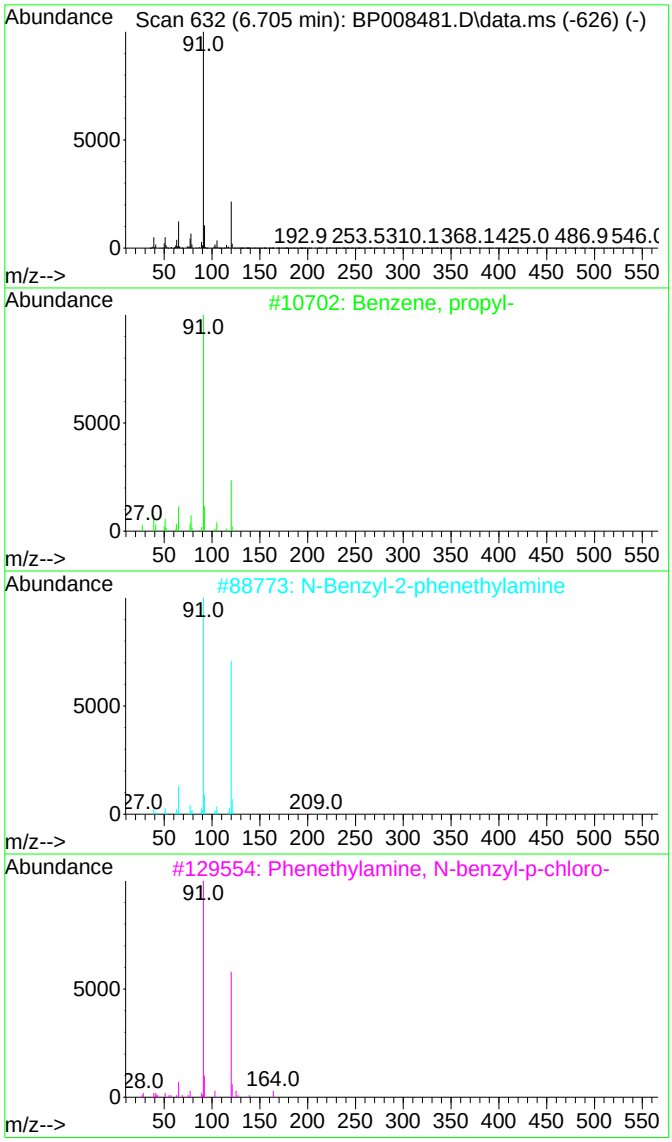
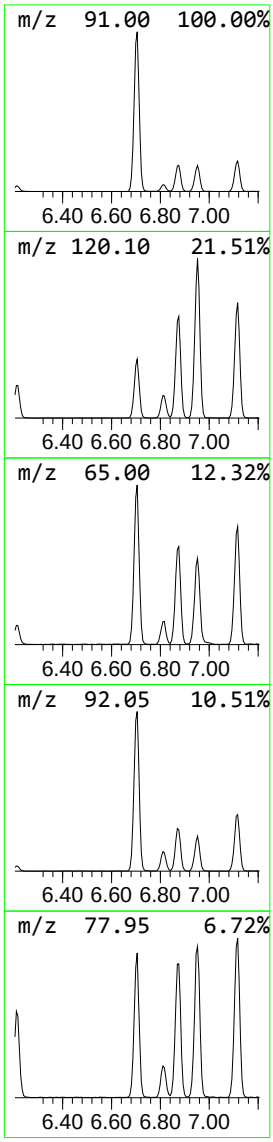
Peak Number 8 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.705	148.21 ng	2387630	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64





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Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

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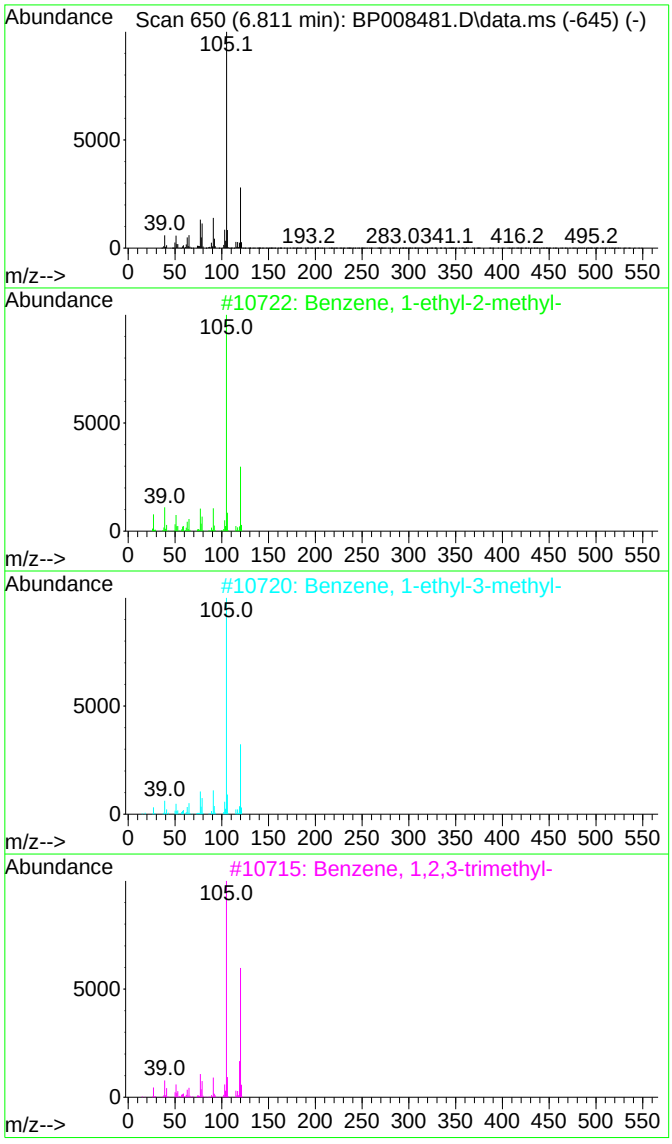
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

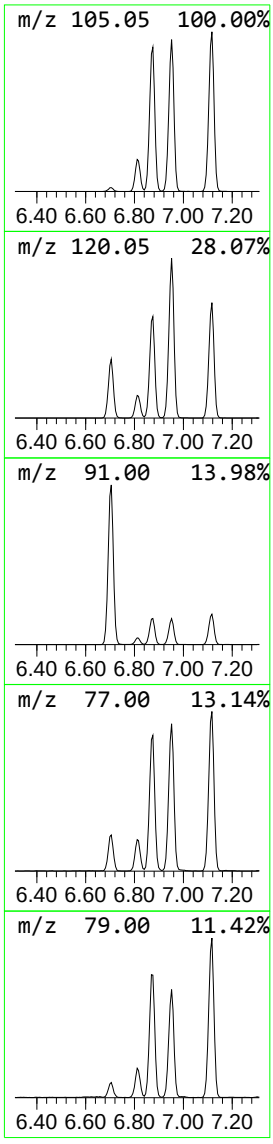
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.811	54.61 ng	879719	1,4-Dichlorobenzene-d4	7.728

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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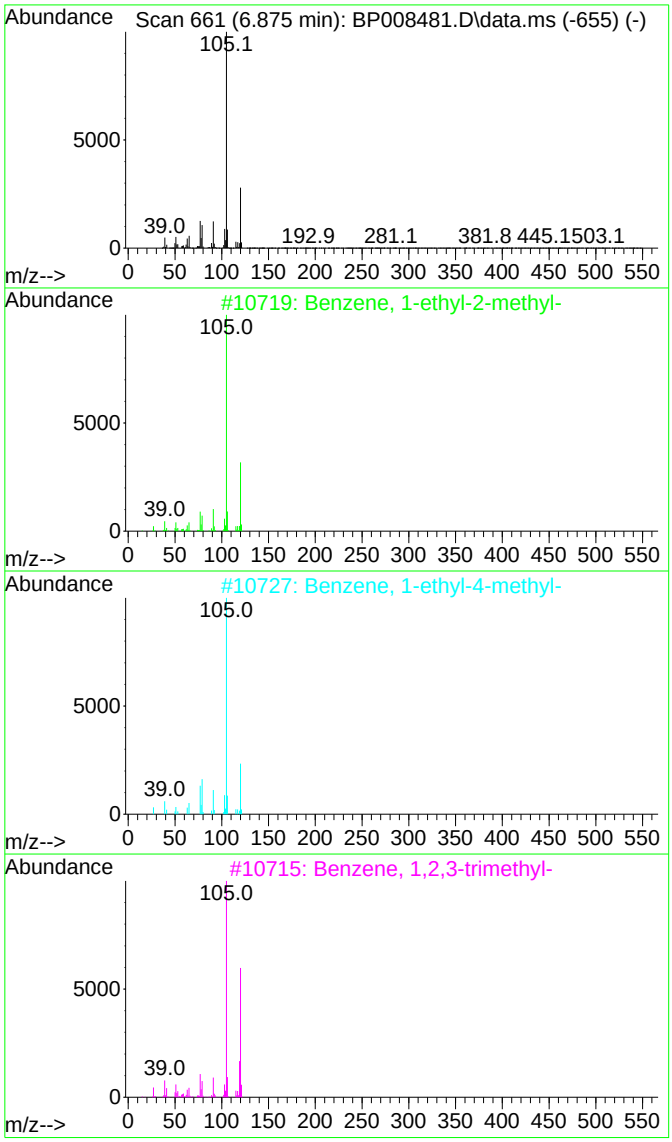
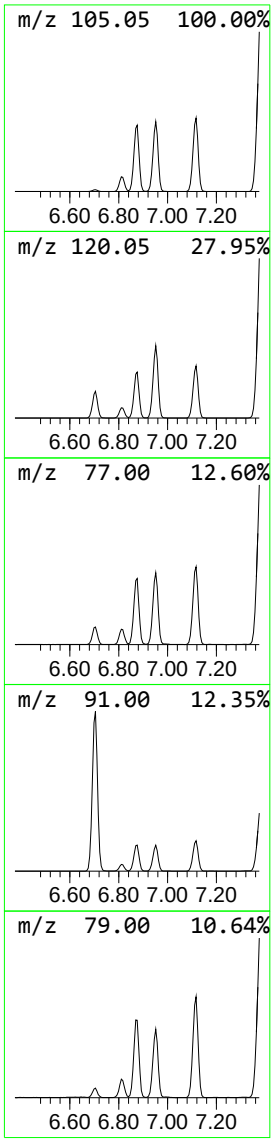
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	248.13 ng	3997420	1,4-Dichlorobenzene-d4	7.728

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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_P
ClientSampleId :
MW-14

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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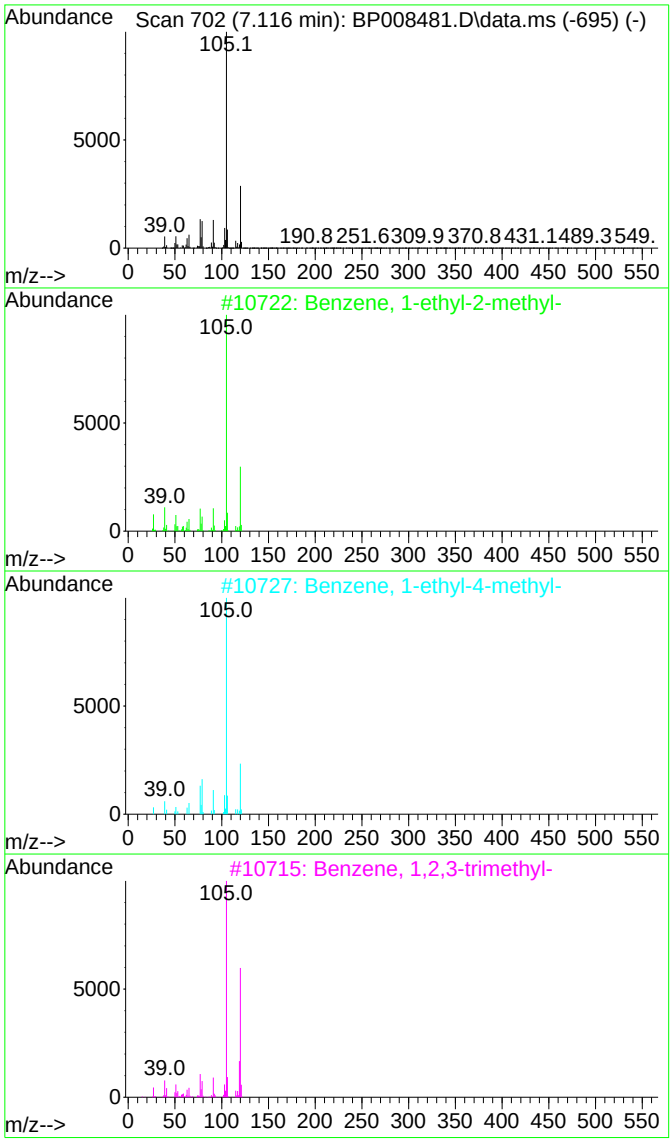
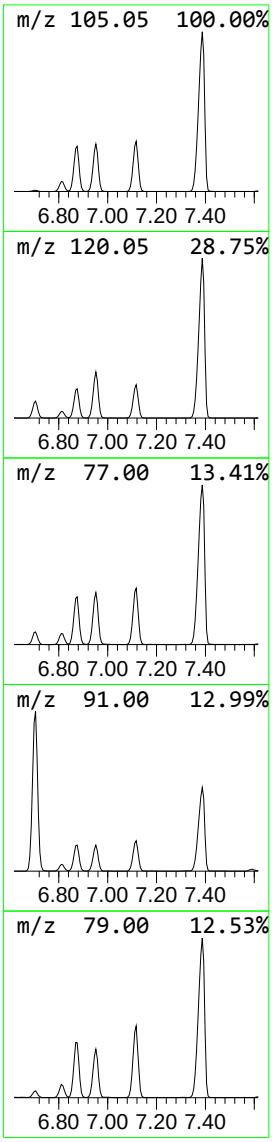
Peak Number 11 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	278.07 ng	4479830	1,4-Dichlorobenzene-d4	7.728

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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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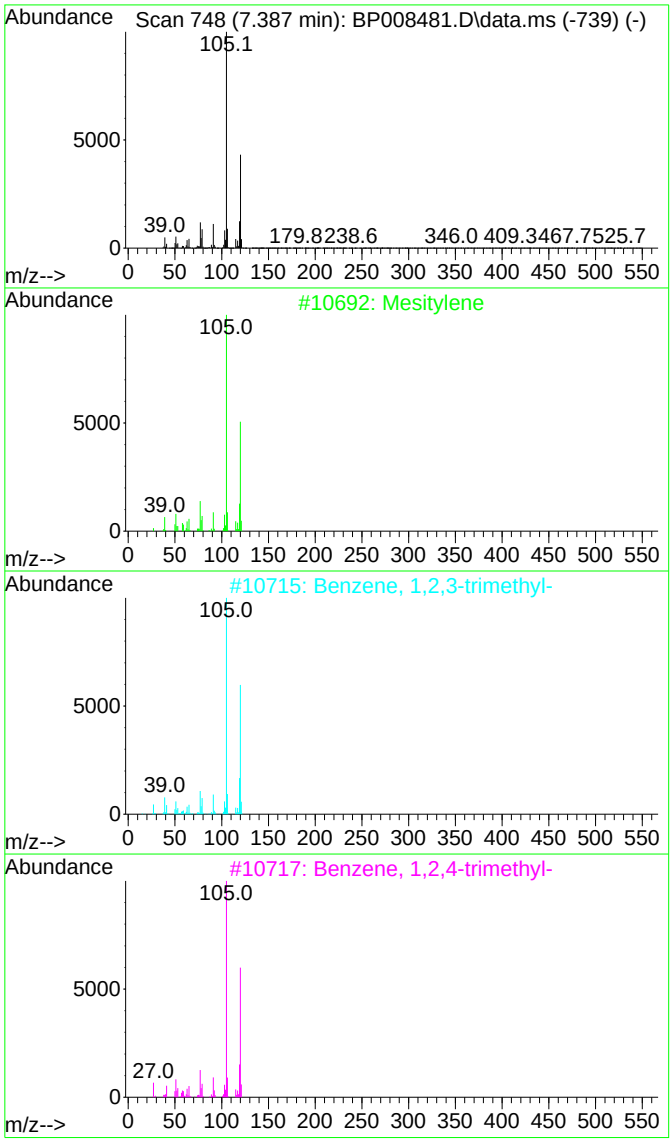
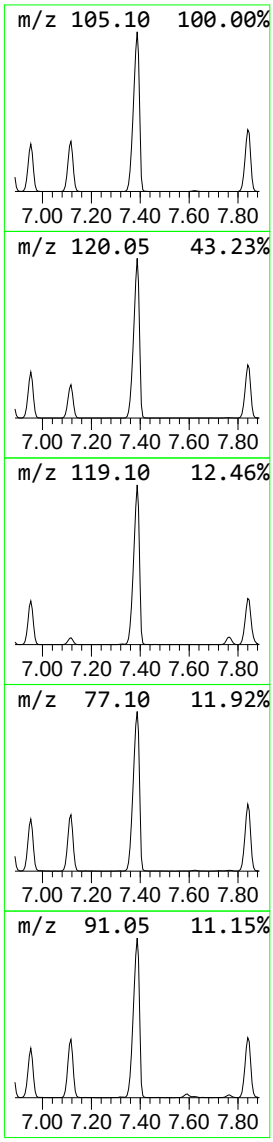
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.387	1082.70 ng	17442400	1,4-Dichlorobenzene-d4	7.728

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	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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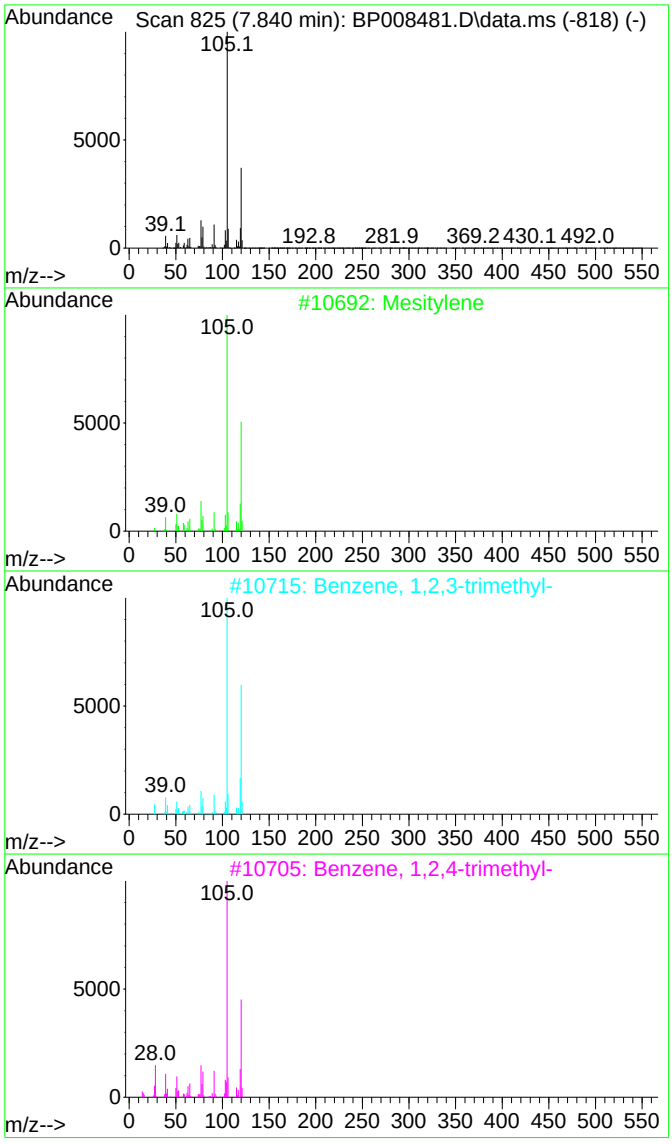
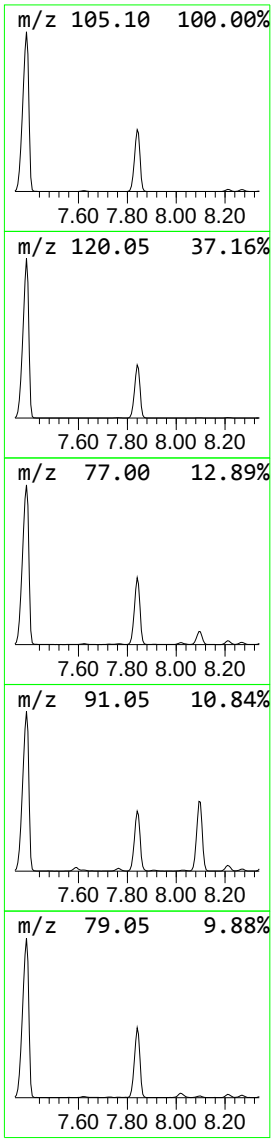
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.840	393.17 ng	6334050	1,4-Dichlorobenzene-d4	7.728

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-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

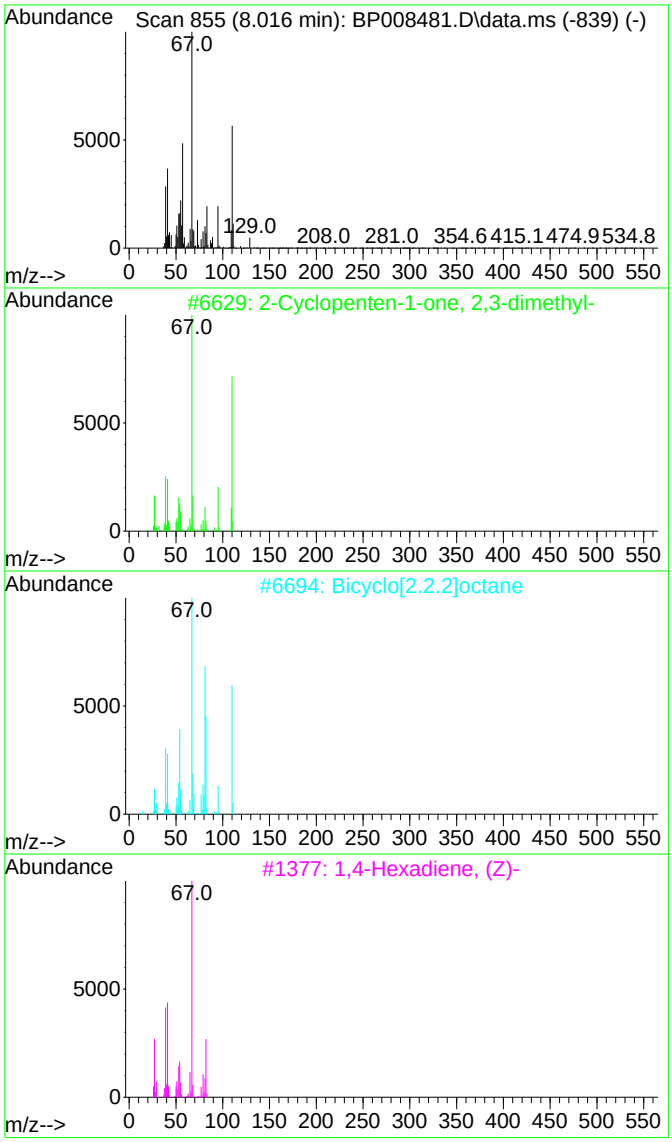
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

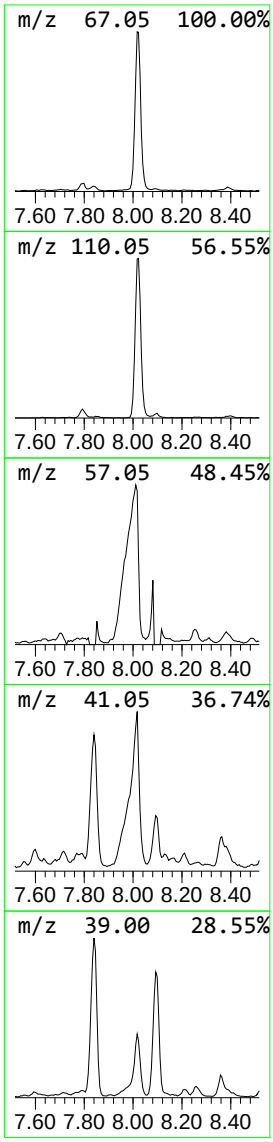
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	92.89 ng	1496490	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	62
2	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	50
3	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	38
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	38
5	Cyclopropene, 1-butyl-2-ethyl-	124	C9H16	050915-91-8	35





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Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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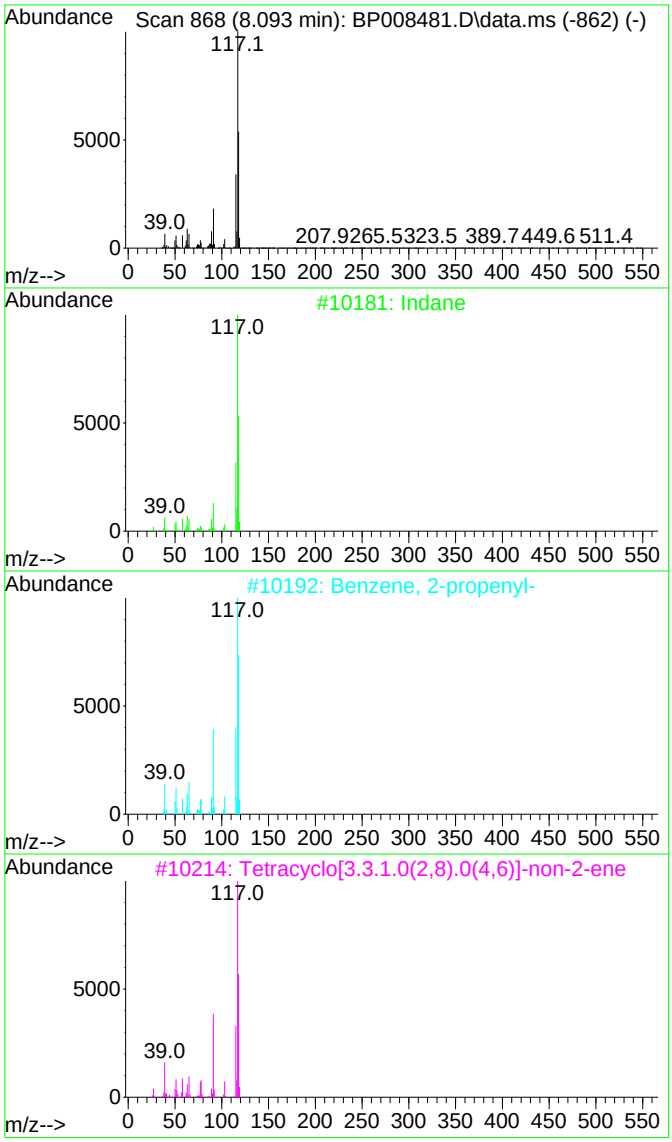
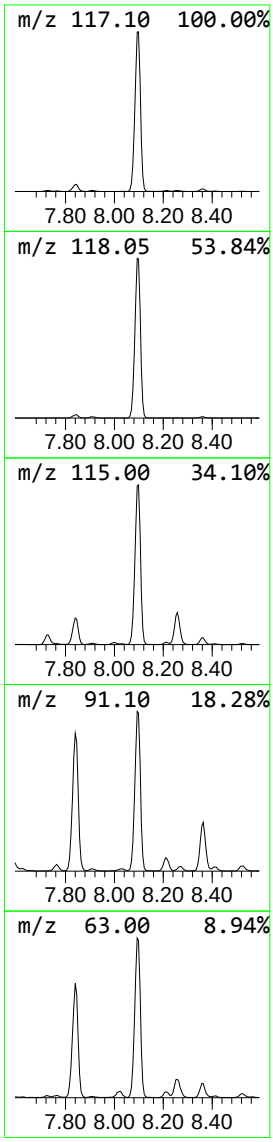
Peak Number 15 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	308.17 ng	4964700	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49





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ALS Vial : 16 Sample Multiplier: 1

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

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

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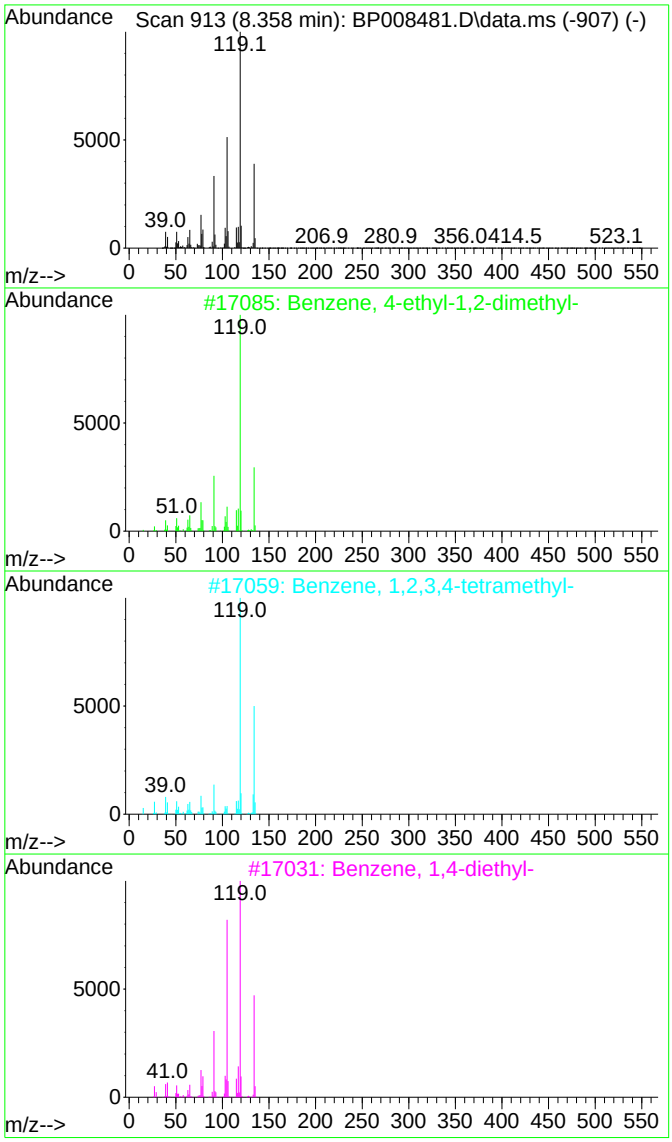
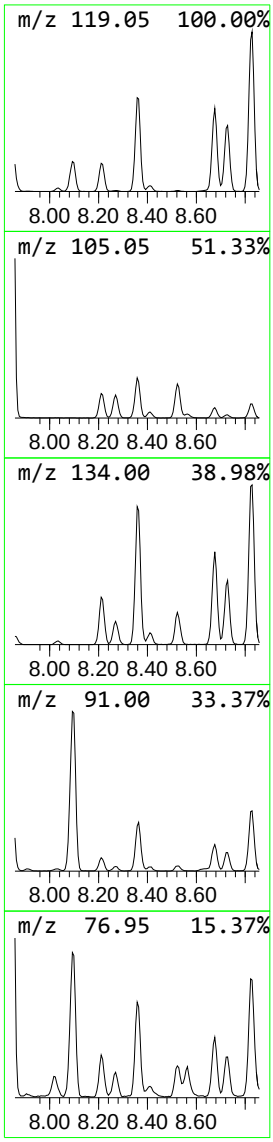
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.358	73.88 ng	1190170	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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ALS Vial : 16 Sample Multiplier: 1

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

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

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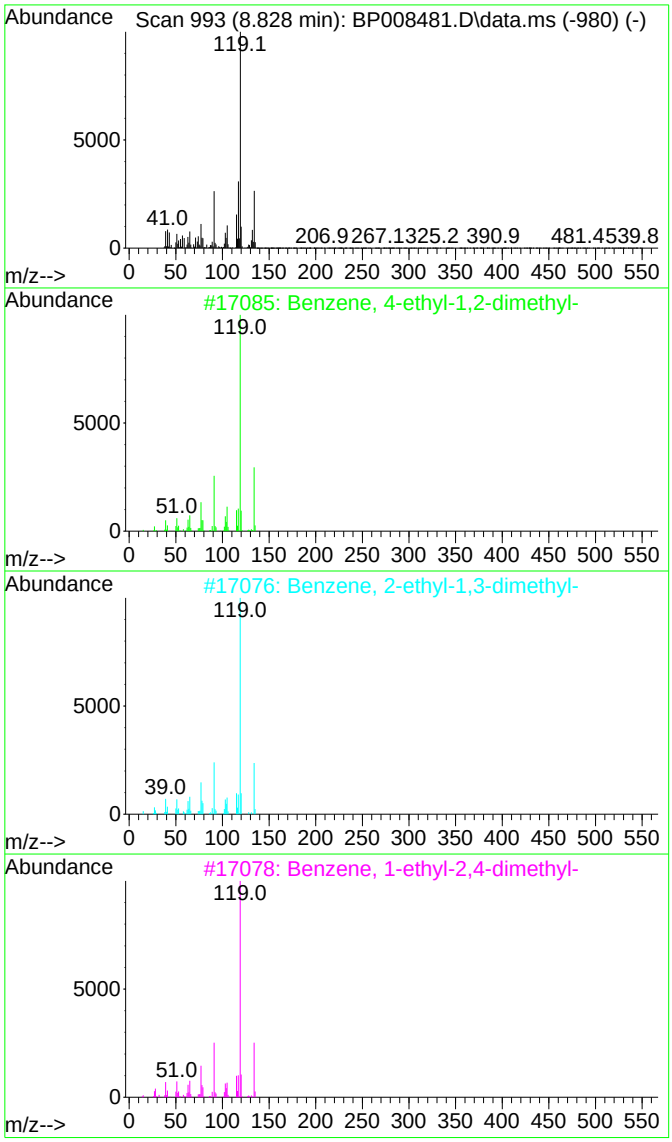
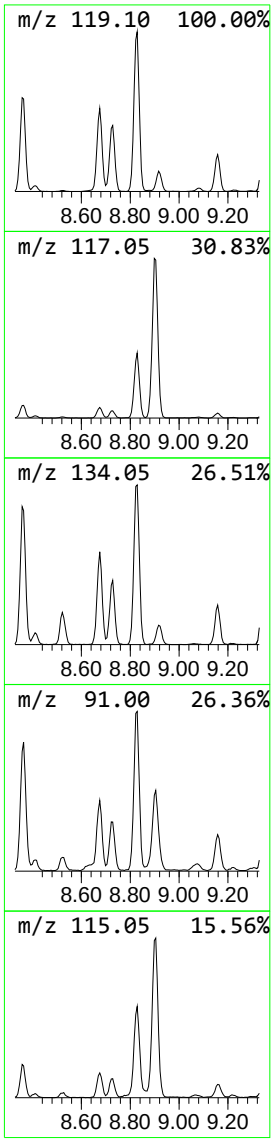
Peak Number 17 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.828	135.74 ng	2186760	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	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	83





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

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

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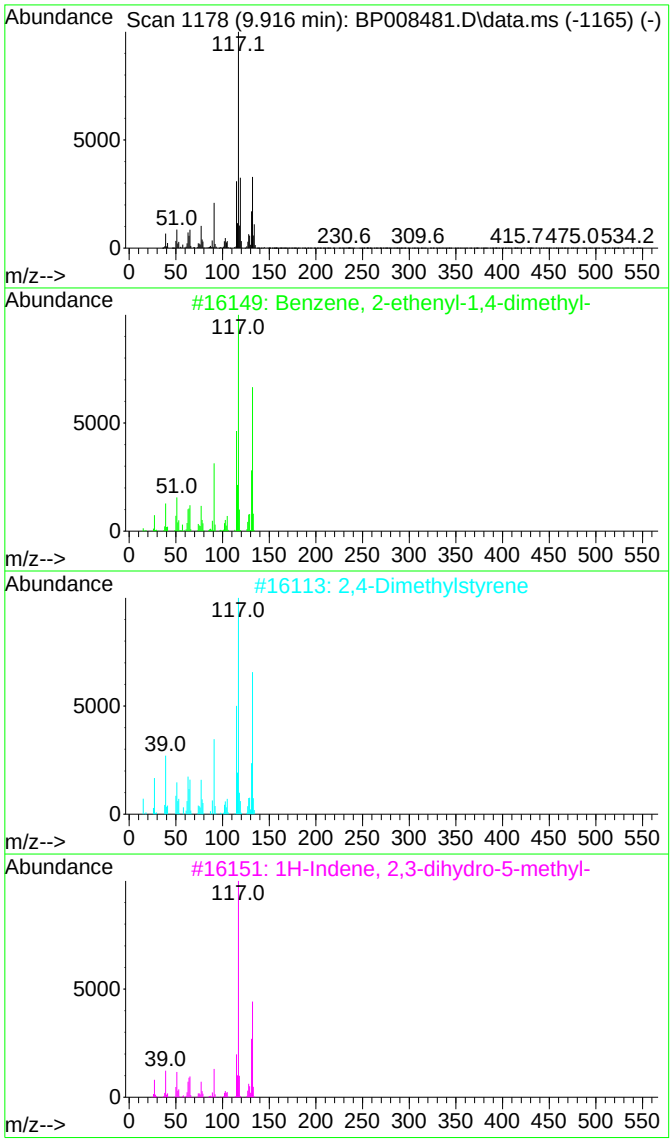
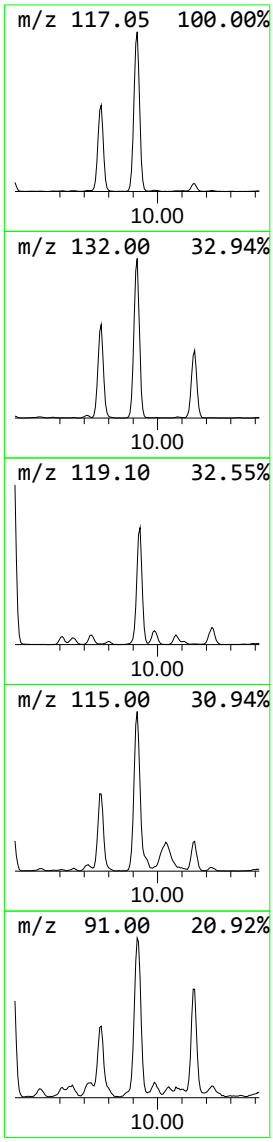
Peak Number 18 2,4-Dimethylstyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	51.64 ng	2347280	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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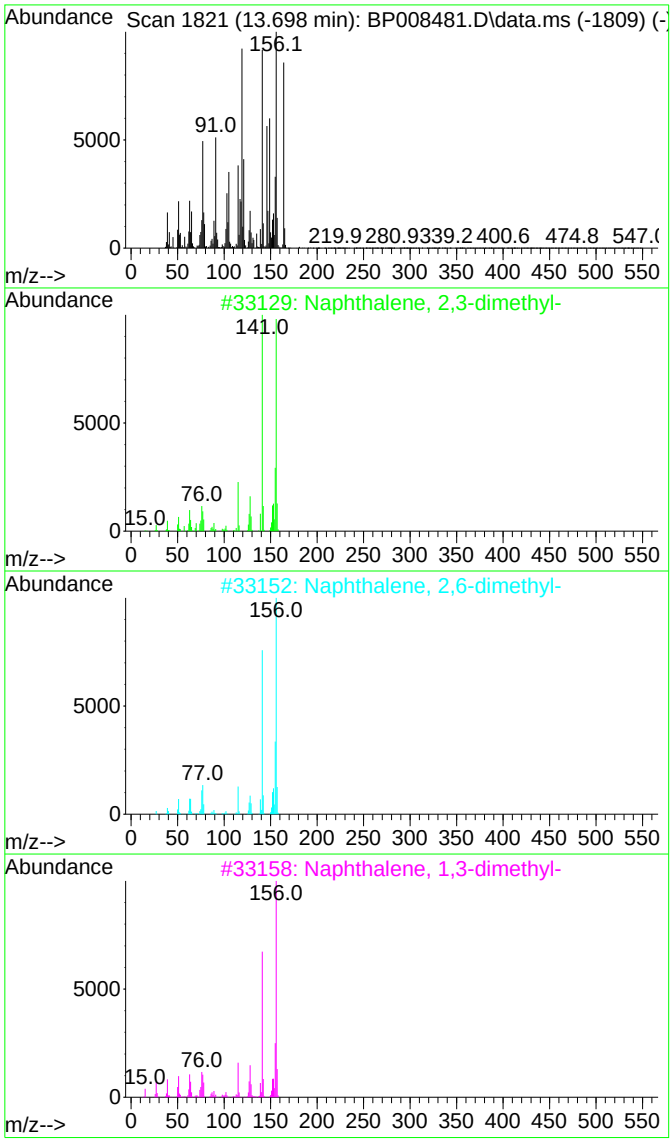
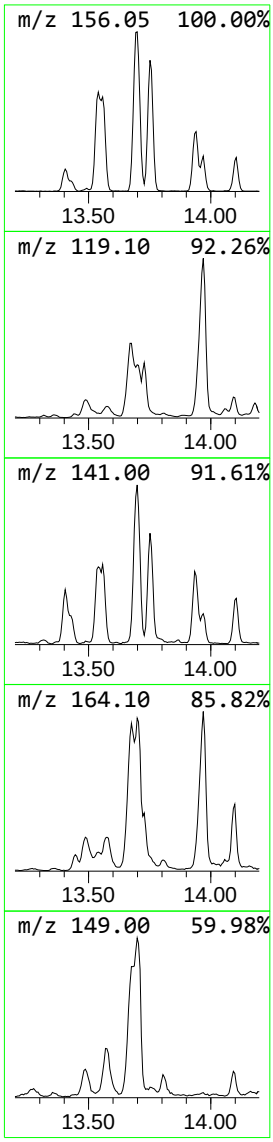
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	71.44 ng	3001140	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	81
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

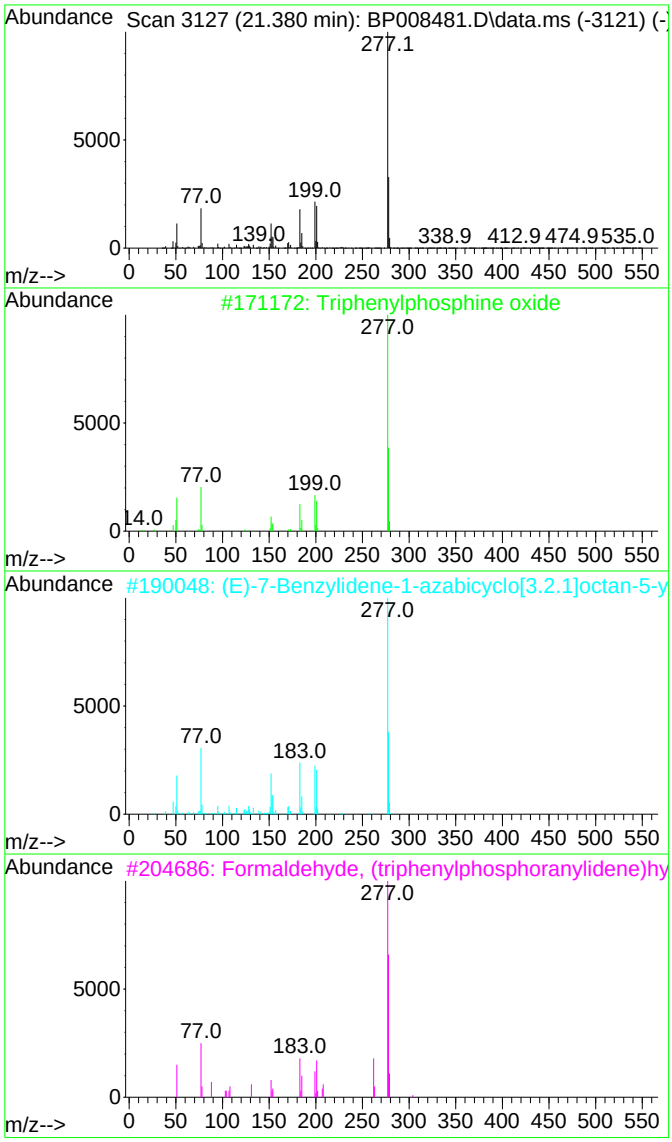
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

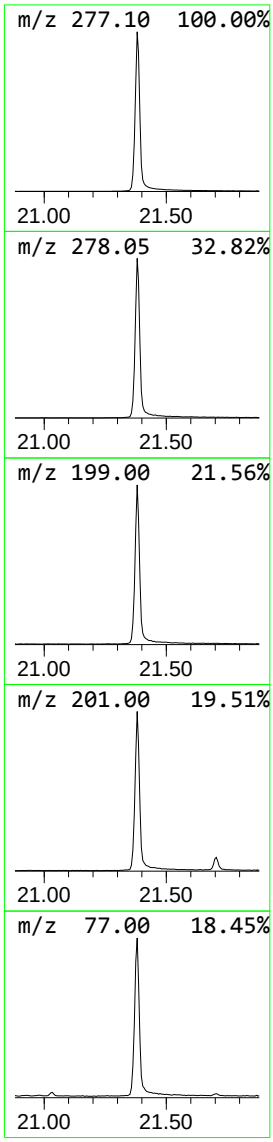
****

Peak Number 20 Triphenylphosphine oxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	108.63 ng	4567550	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	58
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	33
5	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008481.D
Acq On : 17 Dec 2021 20:43
Operator : CG/JU
Sample : M5039-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-14

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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
2-Pentanol, 2-m...	3.470	71.7	ng	1154710	1	7.728	322203	20.0
3-Pentanol, 3-m...	3.728	67.4	ng	1085430	1	7.728	322203	20.0
Spiro[2,4]hepta...	3.928	172.3	ng	2776300	1	7.728	322203	20.0
1,3-Cyclopentad...	5.246	898.5	ng	14475200	1	7.728	322203	20.0
Benzene, 1,3-di...	5.393	1397.9	ng	22519900	1	7.728	322203	20.0
Benzene, (1-met...	6.211	117.7	ng	1895950	1	7.728	322203	20.0
Benzene, propyl-	6.705	148.2	ng	2387630	1	7.728	322203	20.0
Benzene, 1-ethy...	6.811	54.6	ng	879719	1	7.728	322203	20.0
Benzene, 1-ethy...	6.875	248.1	ng	3997420	1	7.728	322203	20.0
Mesitylene	7.116	278.1	ng	4479830	1	7.728	322203	20.0
Benzene, 1,2,4-...	7.387	1082.7	ng	17442400	1	7.728	322203	20.0
Benzene, 1-ethy...	7.840	393.2	ng	6334050	1	7.728	322203	20.0
2-Cyclopenten-1...	8.016	92.9	ng	1496490	1	7.728	322203	20.0
Indane	8.093	308.2	ng	4964700	1	7.728	322203	20.0
Benzene, 4-ethy...	8.358	73.9	ng	1190170	1	7.728	322203	20.0
Benzene, 2-ethy...	8.828	135.7	ng	2186760	1	7.728	322203	20.0
2,4-Dimethylsty...	9.916	51.6	ng	2347280	2	10.516	909172	20.0
Naphthalene, 2,...	13.698	71.4	ng	3001140	3	14.381	840193	20.0
Triphenylphosph...	21.380	108.6	ng	4567550	5	21.257	840936	20.0