LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-P39C

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-BP072723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.652	58	62	74	rVB2	4442754	7592518	22.14%	0.806%
2	4.040	123	128	138	rVB3	6104939	11726013	34.19%	1.245%
3	4.140	138	145	152	rBV	4887898	8874924	25.88%	0.942%
4	4.334	170	178	182	rBV	6052368	10475683	30.55%	1.112%
5	4.375	182	185	191	rVB	2984818	4410520	12.86%	0.468%
6	4.499	197	206	212	rVB2	6361608	15388873	44.87%	1.634%
7	4.634	223	229	238	rBV2	3863049	7329081	21.37%	0.778%
8	4.716	238	243	247	rBV	3093750	4832950	14.09%	0.513%
9	4.910	267	276	283	rBV	4646327	8453909	24.65%	0.898%
10	5.005	288	292	297	rVB	3856862	5949986	17.35%	0.632%
11	5.063	297	302	306	rBV5	2347784	4892586	14.27%	0.519%
12	5.134	310	314	319	rBV	7197379	10092386	29.43%	1.072%
13	5.187	319	323	327	rBV	7861045	11353992	33.11%	1.206%
14	5.252	327	334	339	rVB5	1791000	4310758	12.57%	0.458%
15	5.334	345	348	352	rVB	3312773	4165412	12.15%	0.442%
16	5.428	359	364	367	rBV	9281626	15360644	44.79%	1.631%
17	5.457	367	369	374	rVB	7670701	9343956	27.25%	0.992%
18	5.534	374	382	383	rBV3	2099235	3900193	11.37%	0.414%
19	5.569	383	388	396	rVB2	8998387	20408858	59.51%	2.167%
20	5.805	418	428	433	rBV3	3232031	6684835	19.49%	0.710%
21	5.875	433	440	443	rBV	5202519	8906939	25.97%	0.946%
22	5.963	450	455	462	rBV	7630523	12277684	35.80%	1.304%
23	6.028	462	466	472	rVB	4499366	7150997	20.85%	0.759%
24	6.110	472	480	485	rVB2	1980425	4764820	13.89%	0.506%
25	6.263	501	506	508	rBV	5971741	9411990	27.44%	0.999%
26	6.387	523	527	536	rVB2	5459203	10272473	29.95%	1.091%
27	6.481	538	543	545	rBV	3375461	5036470	14.69%	0.535%
28	6.528	545	551	553	rVV3	5831015	11454854	33.40%	1.216%
29	6.557	553	556	561	rVB	10055212	15267587	44.52%	1.621%
30	6.610	561	565	567	rBV	3069024	4433789	12.93%	0.471%
31	6.657	567	573	579	rVB4	12212895	25191566	73.46%	2.675%
32	6.763	588	591	596	rVB	3374658	4504619	13.14%	0.478%
33	6.834	598	603	607	rBV4	3793784	6406549	18.68%	0.680%
34	6.881	607	611	612	rBV	2623004	2974156	8.67%	0.316%
35	6.904	612	615	620	rVB3	3865040	5437947	15.86%	0.577%
36	6.957	620	624	627	rBV	2355132	3469246	10.12%	0.368%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

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-BP072723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.999	627	631	638	rBV2	7603128	15916815	46.41%	1.690%
38	7.057	638	641	646	rVB	6862927	9643005	28.12%	1.024%
39	7.116	646	651	655	rVB3	3194183	5330737	15.54%	0.566%
40	7.175	655	661	665	rBV3	12009403	25511360	74.39%	2.709%
41	7.269	673	677	681	rVB	2875689	3708589	10.81%	0.394%
42	7.346	686	690	697	rVB3	3507543	6194323	18.06%	0.658%
43	7.416	697	702	705	rBV2	3262061	6292639	18.35%	0.668%
44	7.475	709	712	715	rVB	3296003	4217959	12.30%	0.448%
45	7.516	715	719	723	rBV2	6095966	9534572	27.80%	1.012%
46	7.593	728	732	737	rVB2	3999145	6527848	19.03%	0.693%
47	7.640	737	740	748	rVB6	1752795	3279893	9.56%	0.348%
48	7.751	755	759	764	rBV3	3752707	5920754	17.26%	0.629%
49	7.804	764	768	772	rBV3	2428561	3610702	10.53%	0.383%
50	7.951	785	793	797	rVV6	3267087	9801222	28.58%	1.041%
51	7.998	797	801	810	rVB	11671133	20040923	58.44%	2.128%
52	8.087	810	816	824	rVB4	5456092	12634268	36.84%	1.341%
53	8.157	824	828	831	rBV2	2057492	3344757	9.75%	0.355%
54	8.204	831	836	844	rBV5	5643789	10956064	31.95%	1.163%
55	8.281	844	849	852	rBV2	3727672	5184299	15.12%	0.550%
56	8.334	852	858	863	rBV3	6954316	12763536	37.22%	1.355%
57	8.446	873	877	880	rBV3	2225252	3406199	9.93%	0.362%
58	8.481	880	883	888	rVB3	2795366	4079727	11.90%	0.433%
59	8.551	888	895	900	rBV2	10177520	20193574	58.88%	2.144%
60	8.616	900	906	913	rVB4	7761039	17055144	49.73%	1.811%
61	8.704	913	921	927	rBV3	14420532	34294378	100.00%	3.641%
62	8.798	932	937	945	rVB	5396896	9704520	28.30%	1.030%
63	8.869	945	949	951	rBV	3796568	5311276	15.49%	0.564%
64	8.898	951	954	959	rVB2	4181228	6094027	17.77%	0.647%
65	9.022	970	975	979	rBV	3065836	4958345	14.46%	0.526%
66	9.122	986	992	994	rBV3	4066335	7273360	21.21%	0.772%
67	9.175	995	1001	1008	rVV3	11671429	26651636	77.71%	2.830%
68	9.269	1009	1017	1027	rVB3	8851734	23384434	68.19%	2.483%
69	9.375	1029	1035	1036	rBV3	2000137	3379395	9.85%	0.359%
70	9.416	1037	1042	1047	rVB4	5703317	11774098	34.33%	1.250%
71	9.516	1052	1059	1063	rVB5	3980254	8268170	24.11%	0.878%
72	9.563	1063	1067	1072	rBV2	1450358	3125619	9.11%	0.332%
73	9.704	1079	1091	1096	rVB3	6565437	19304839	56.29%	2.050%
74	9.757	1096	1100	1103	rBV3	2545946	4391181	12.80%	0.466%
75	9.793	1103	1106	1114	rVB3	6033984	11038772	32.19%	1.172%
76	9.963	1130	1135	1137	rBV	4747662	7613892	22.20%	0.808%

LSC Area Percent Report

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Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-P39C

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-BP072723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.081	1146	1155	1160	rBV5	7412115	21582855	62.93%	2.292%
78	10.287	1184	1190	1196	rVV2	11083848	21706758	63.30%	2.305%
79	10.463	1210	1220	1225	rVB5	4189110	9865041	28.77%	1.047%
80	10.581	1235	1240	1246	rVB	4063052	7490931	21.84%	0.795%
81	10.645	1246	1251	1257	rBV4	1436138	3261816	9.51%	0.346%
82	10.869	1282	1289	1294	rVB2	4443904	9437374	27.52%	1.002%
83	10.922	1294	1298	1307	rVV6	4516124	11279314	32.89%	1.198%
84	11.004	1307	1312	1319	rVB2	11026850	19718906	57.50%	2.094%
85	11.092	1319	1327	1337	rBV4	3702576	9606996	28.01%	1.020%
86	11.569	1402	1408	1413	rBV5	3424105	8041309	23.45%	0.854%
87	11.810	1445	1449	1453	rVB	2270438	3555552	10.37%	0.378%
88	11.869	1453	1459	1463	rBV2	4036389	5992749	17.47%	0.636%
89	11.922	1463	1468	1473	rBV6	1201192	2900634	8.46%	0.308%
90	11.998	1477	1481	1487	rVB	1873755	3110371	9.07%	0.330%
91	12.569	1572	1578	1584	rBV	6610192	10305478	30.05%	1.094%
92	12.786	1610	1615	1620	rVV	2619614	4191387	12.22%	0.445%
93	13.351	1706	1711	1718	rVB	8514579	12841340	37.44%	1.363%
94	14.728	1940	1945	1950	rVB	3123837	4480843	13.07%	0.476%
95	16.222	2193	2199	2206	rBV	6468914	9219735	26.88%	0.979%
96	17.498	2409	2416	2422	rBV	4008071	5922087	17.27%	0.629%
97	18.345	2553	2560	2577	rBV	3241517	5304510	15.47%	0.563%
98	20.045	2843	2849	2854	rBV	13718250	17358110	50.62%	1.843%
99	21.592	3106	3112	3122	rBV	4120460	5422647	15.81%	0.576%
100	24.192	3546	3554	3570	rVB	2313758	4982512	14.53%	0.529%

Sum of corrected areas: 941805869

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
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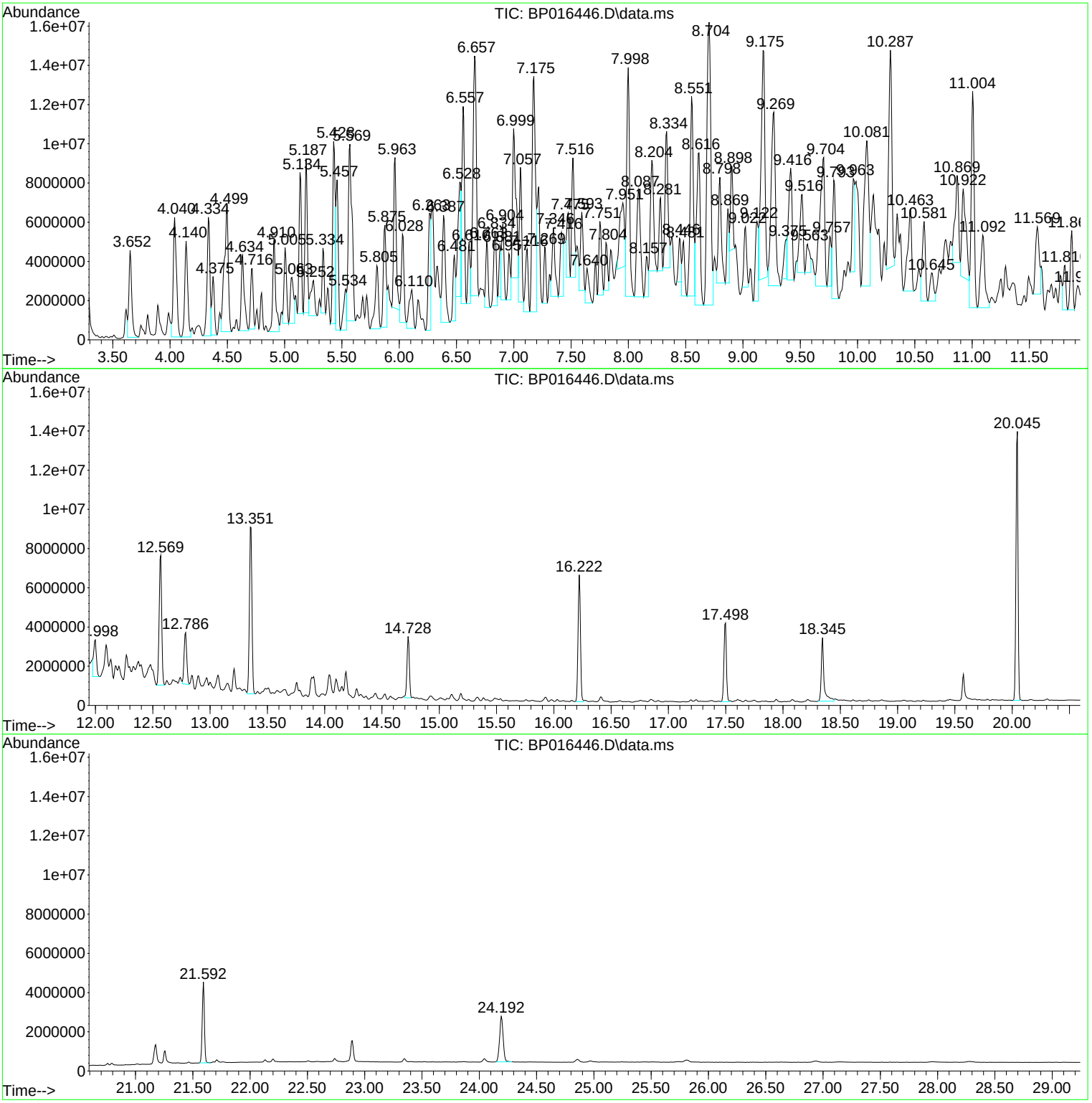
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.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\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
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Sample : 03769-07
Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

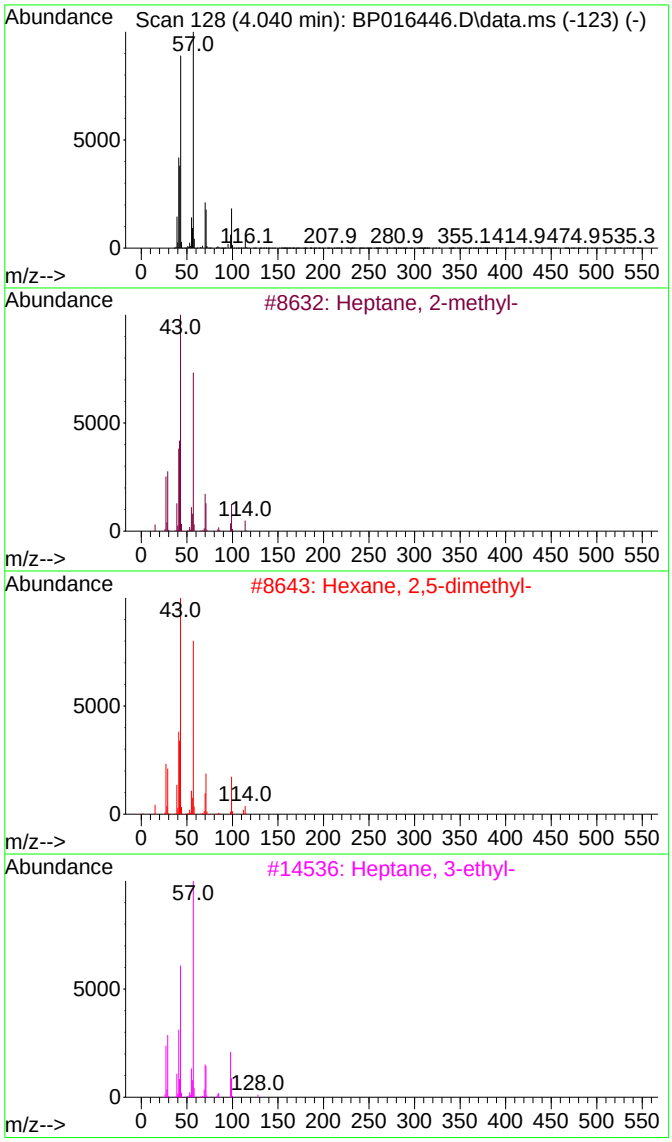
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

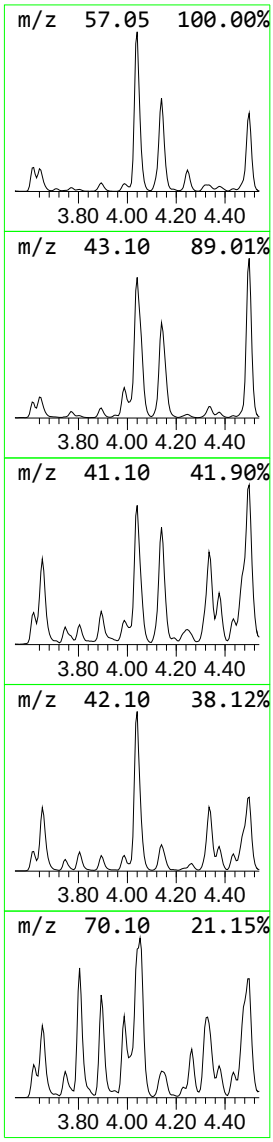
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.040	18.56 ng	11726000	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
4	2-Piperidinone	99	C5H9NO	000675-20-7	40
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

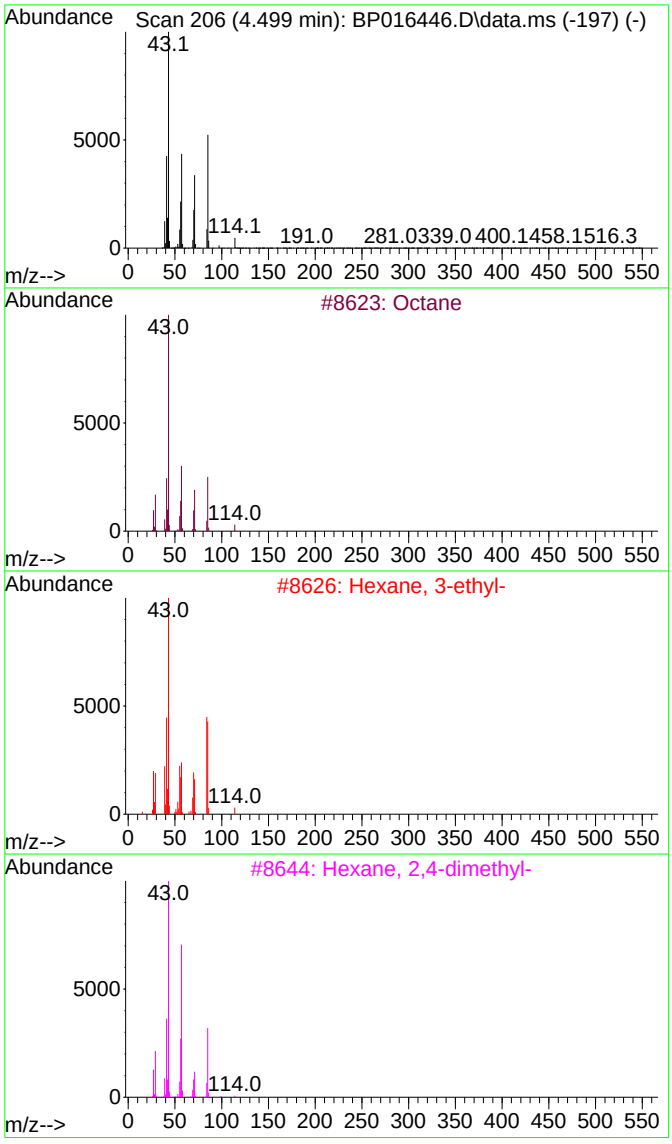
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

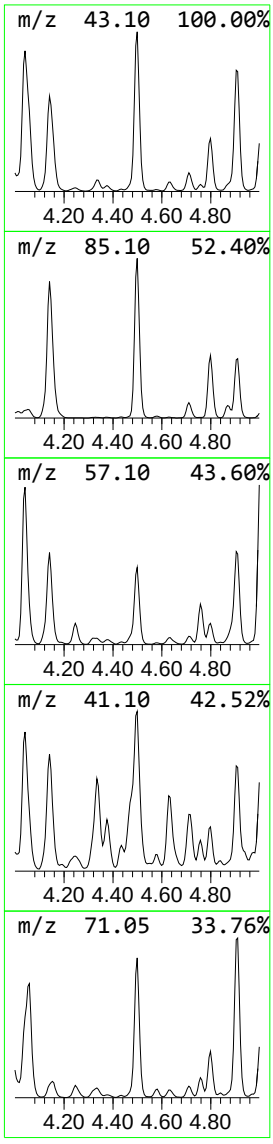
****

Peak Number 2 Octane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.499	24.36 ng	15388900	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
4	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	72
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

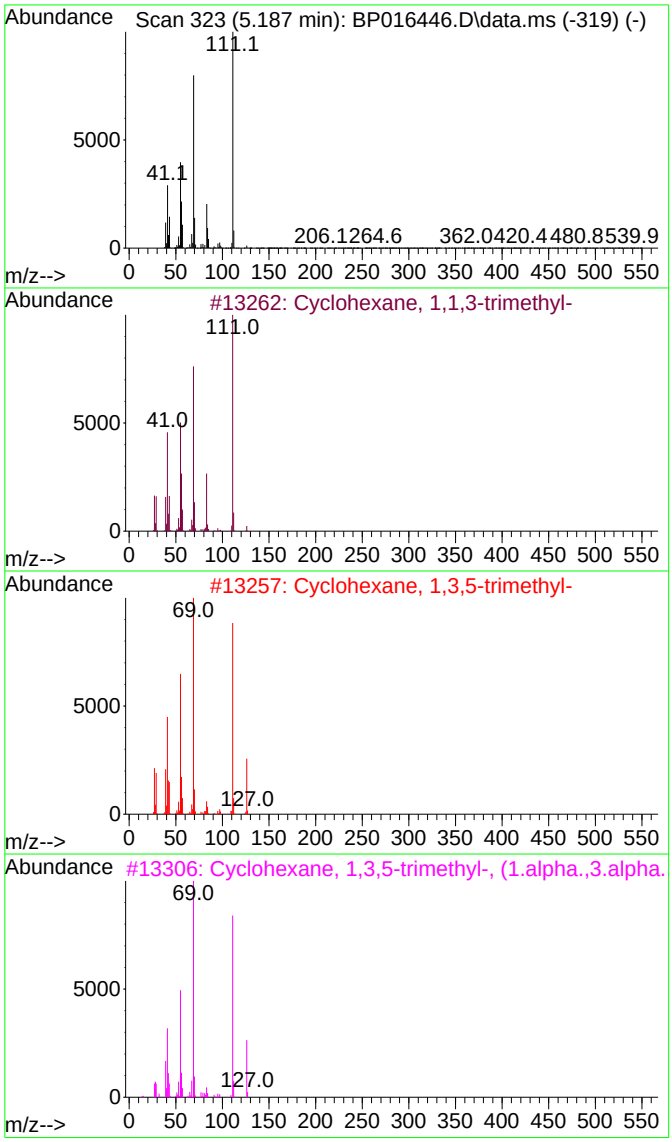
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

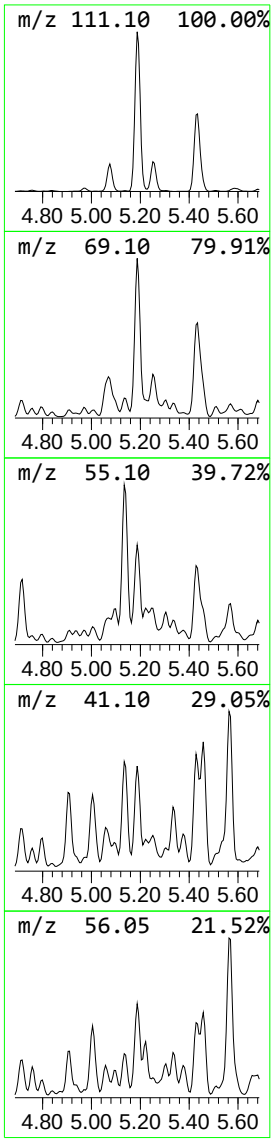
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	17.97 ng	11354000	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	47
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

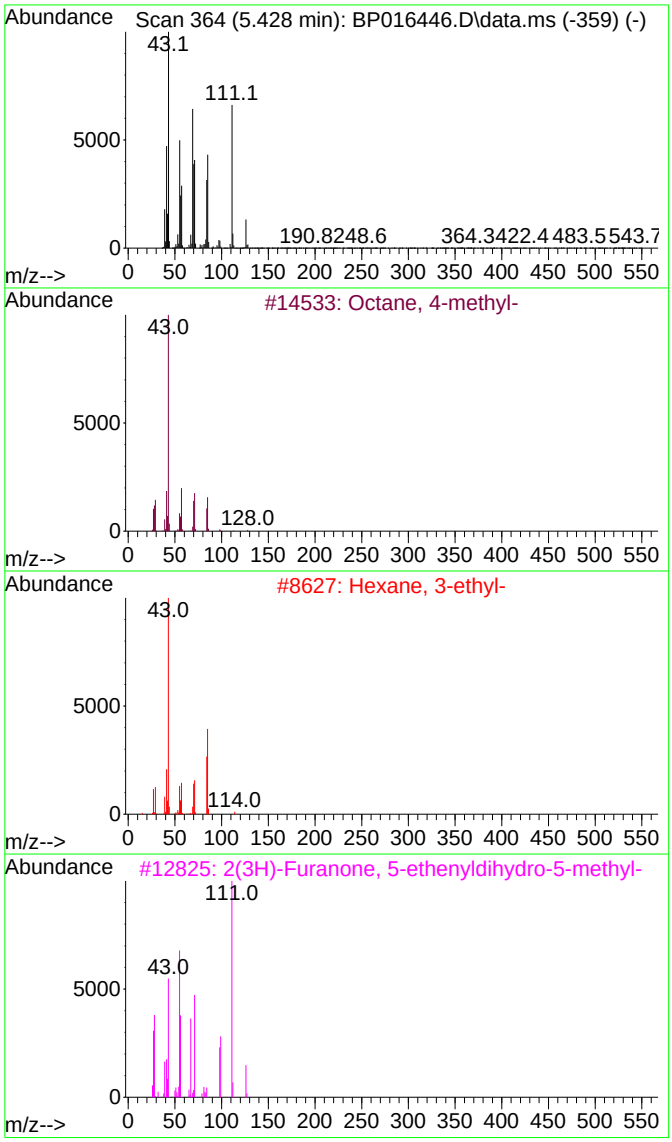
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

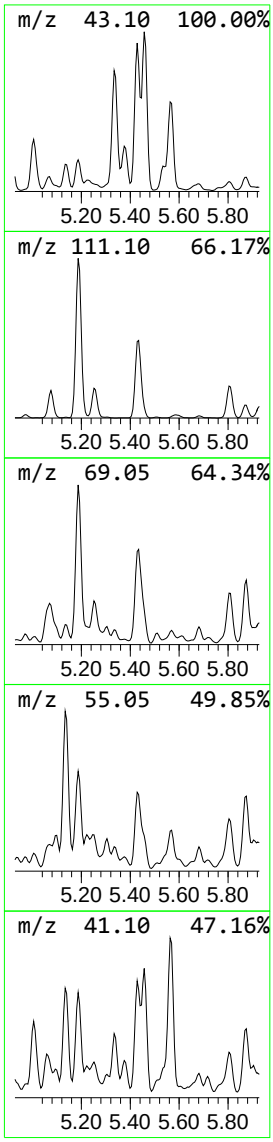
****

Peak Number 4 Octane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.428	24.32 ng	15360600	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	52
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
3	2(3H)-Furanone, 5-ethenyldihydro...	126	C7H10O2	001073-11-6	43
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	30
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

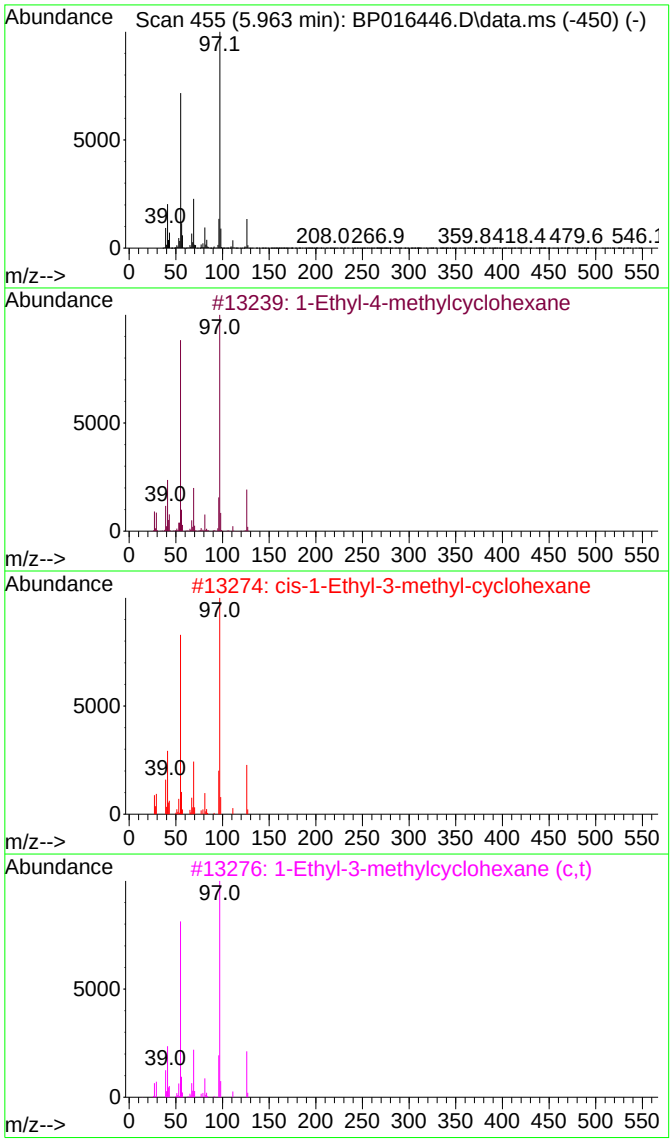
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

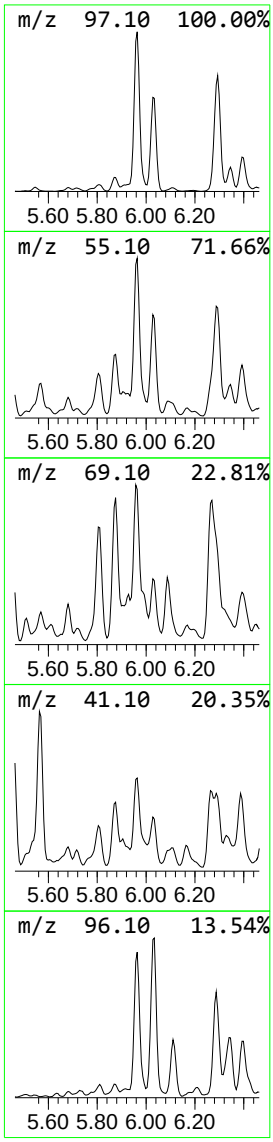
****

Peak Number 5 1-Ethyl-4-methylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	19.44 ng	12277700	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87





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Operator : MA/JU
Sample : 03769-07
Misc :
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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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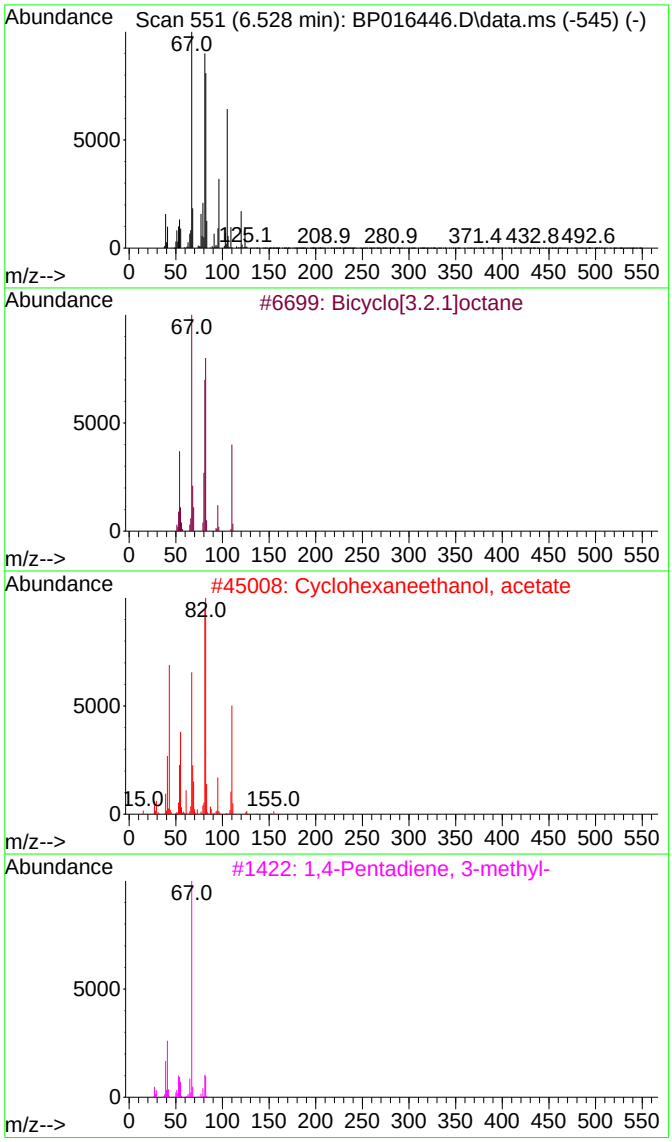
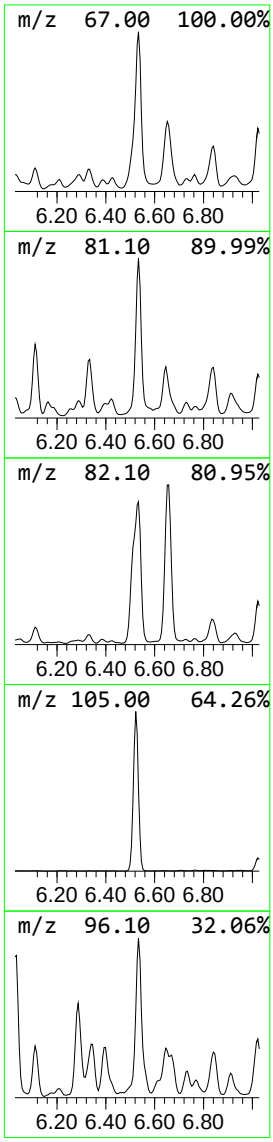
Peak Number 6 Bicyclo[3.2.1]octane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	18.13 ng	11454900	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
2	Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	50
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	47
4	4-Methyl-2-pentyne	82	C6H10	021020-27-9	43
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	43





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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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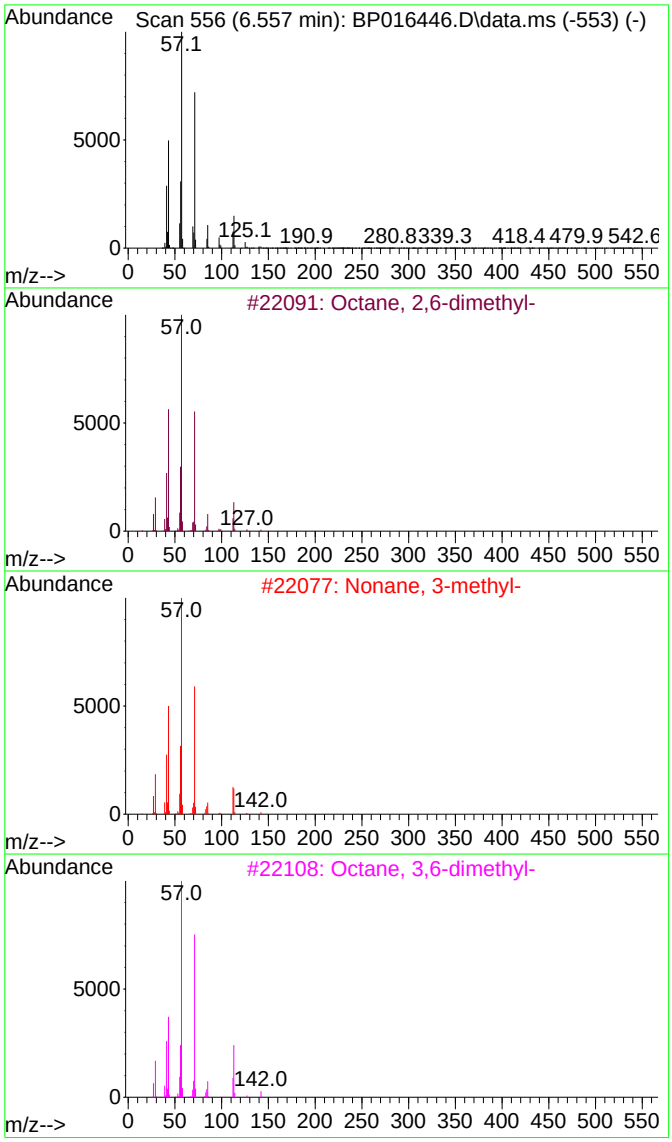
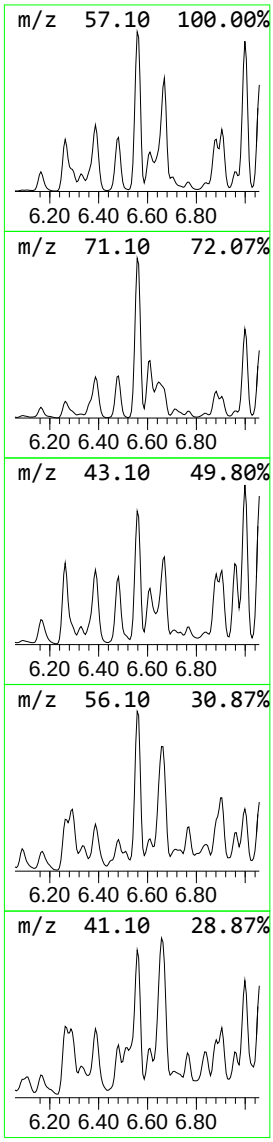
Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	24.17 ng	15267600	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64





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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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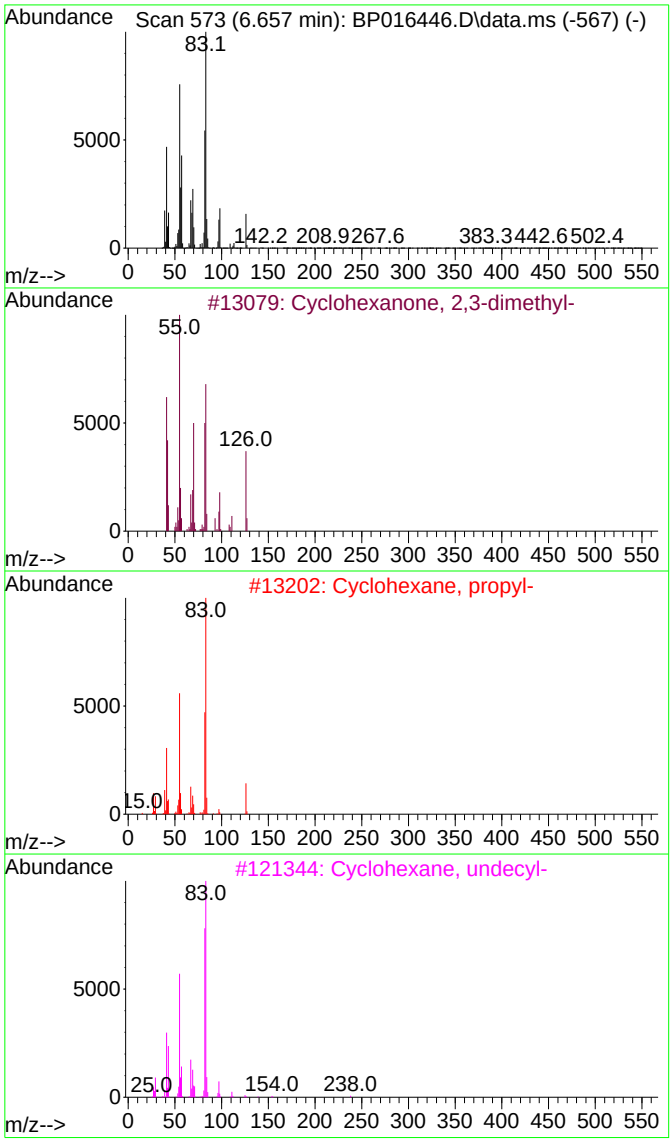
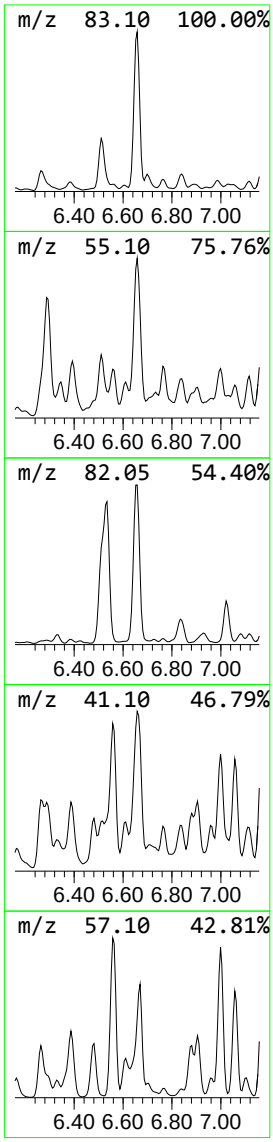
Peak Number 8 Cyclohexanone, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	39.88 ng	25191600	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	52





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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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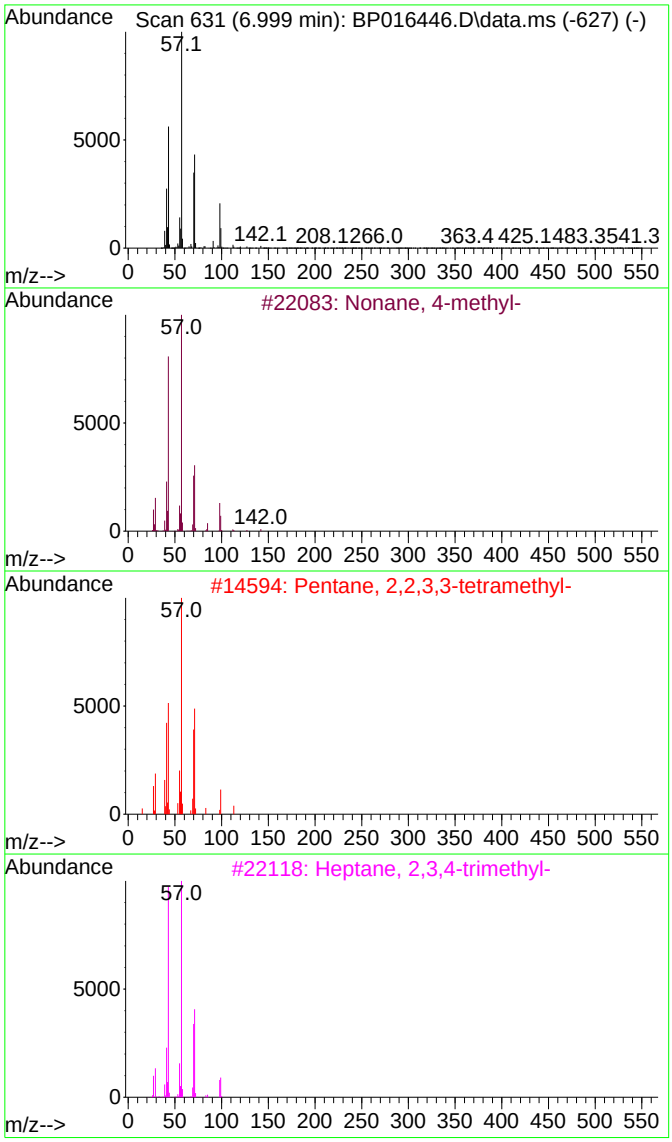
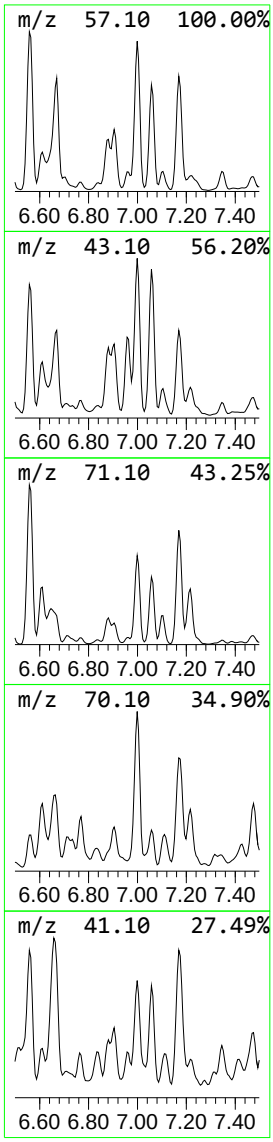
Peak Number 9 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.999	25.20 ng	15916800	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58





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

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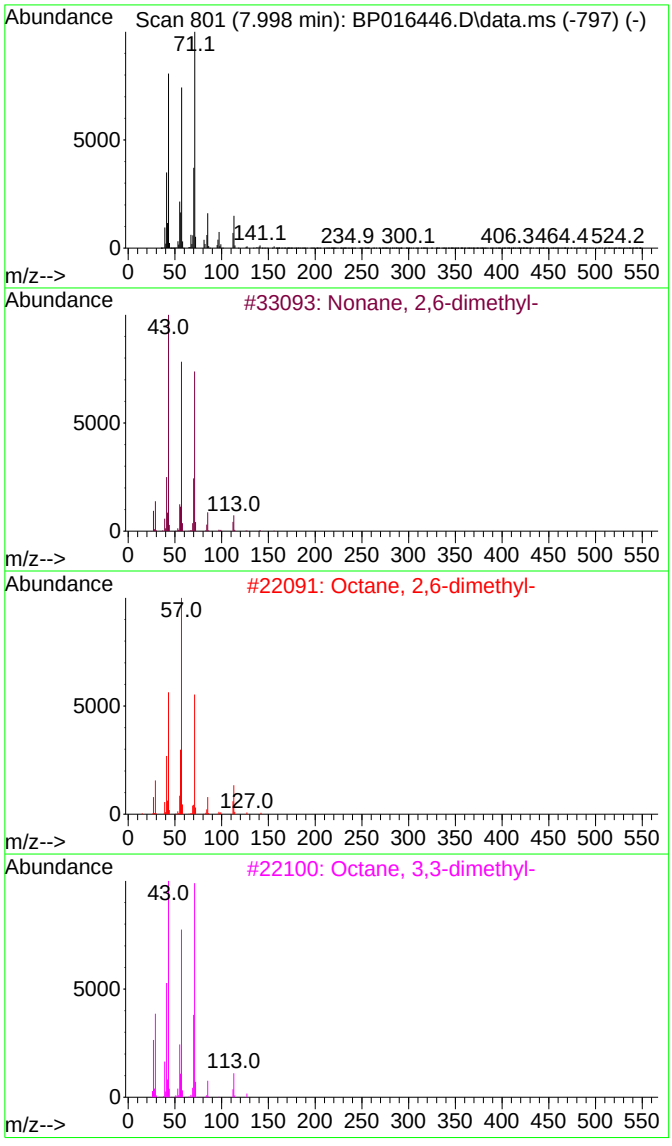
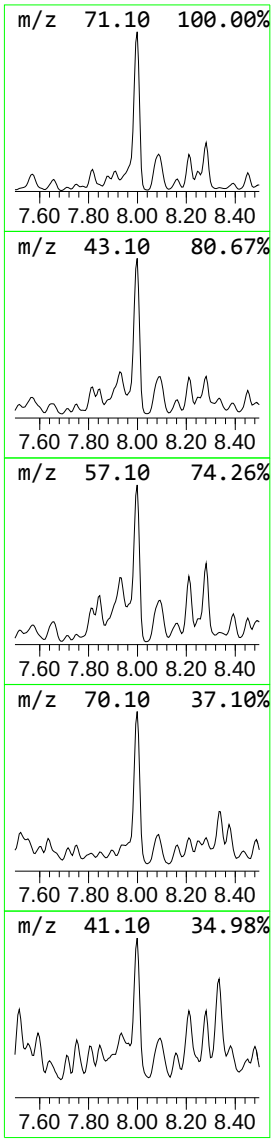
Peak Number 10 Nonane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.998	31.72 ng	20040900	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	64
5	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	59





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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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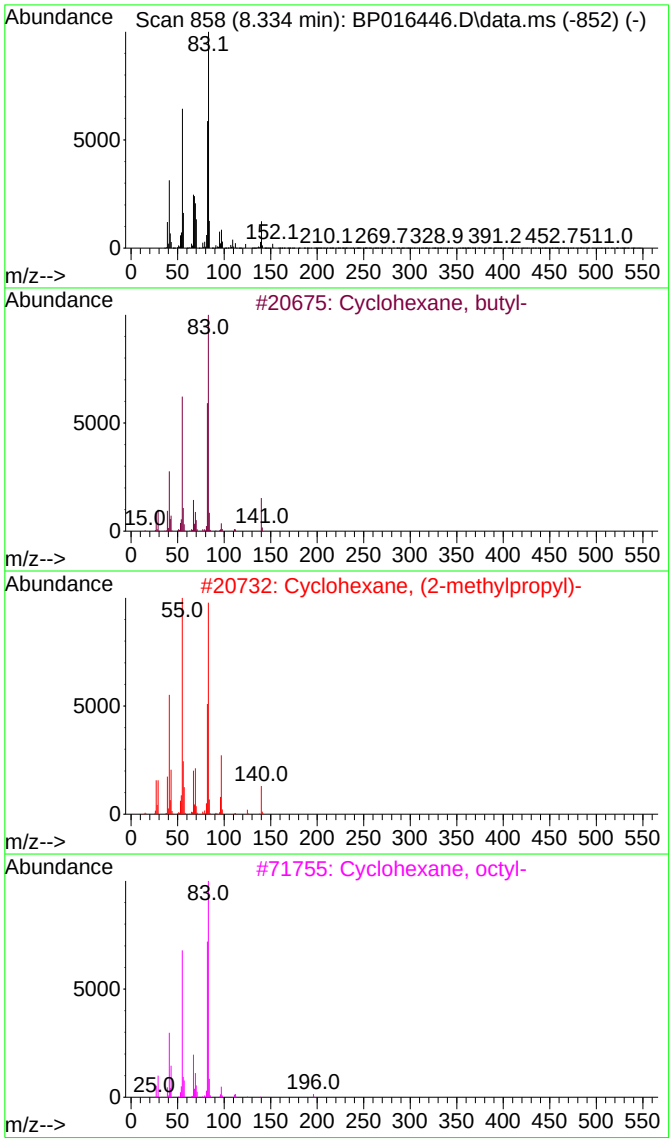
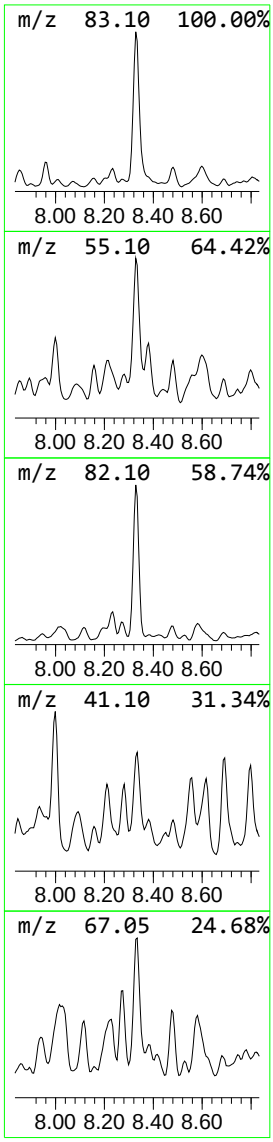
Peak Number 11 Cyclohexane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	20.20 ng	12763500	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53





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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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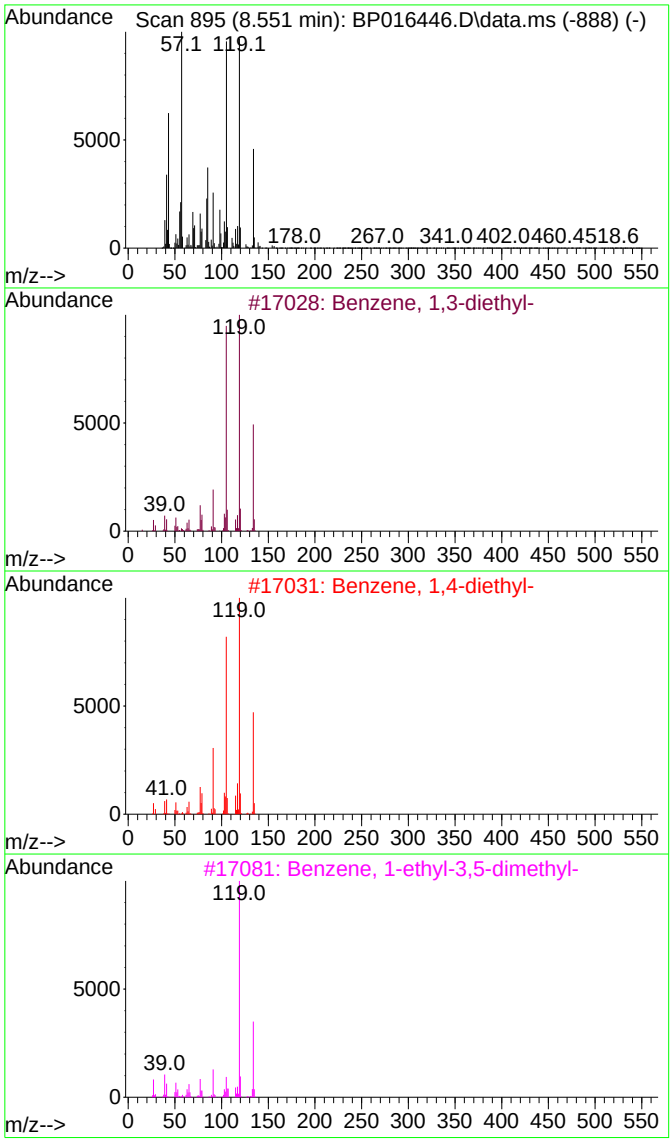
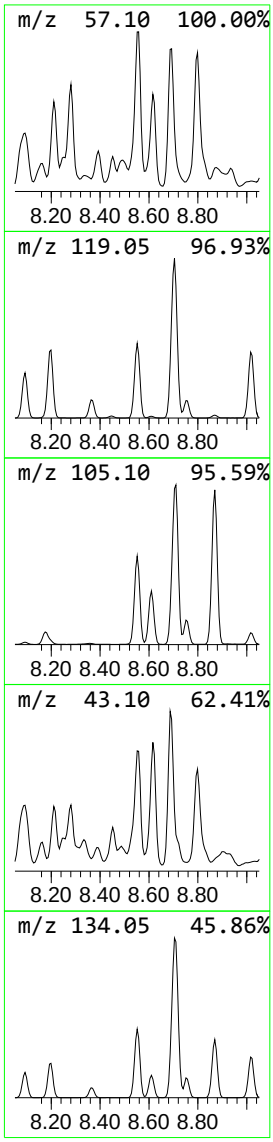
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	31.97 ng	20193600	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	62
5	o-Cymene	134	C10H14	000527-84-4	60





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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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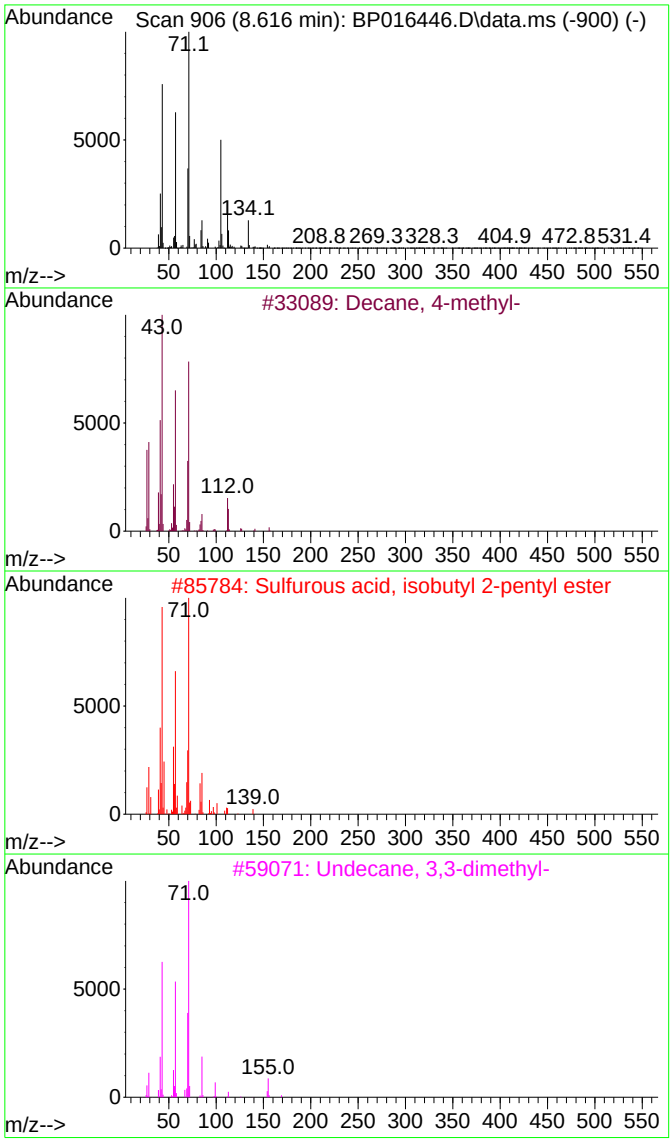
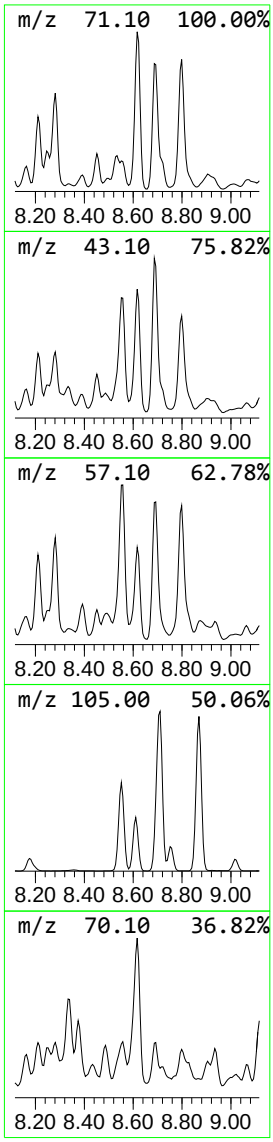
Peak Number 13 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	27.00 ng	17055100	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	53
3	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	53
4	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53





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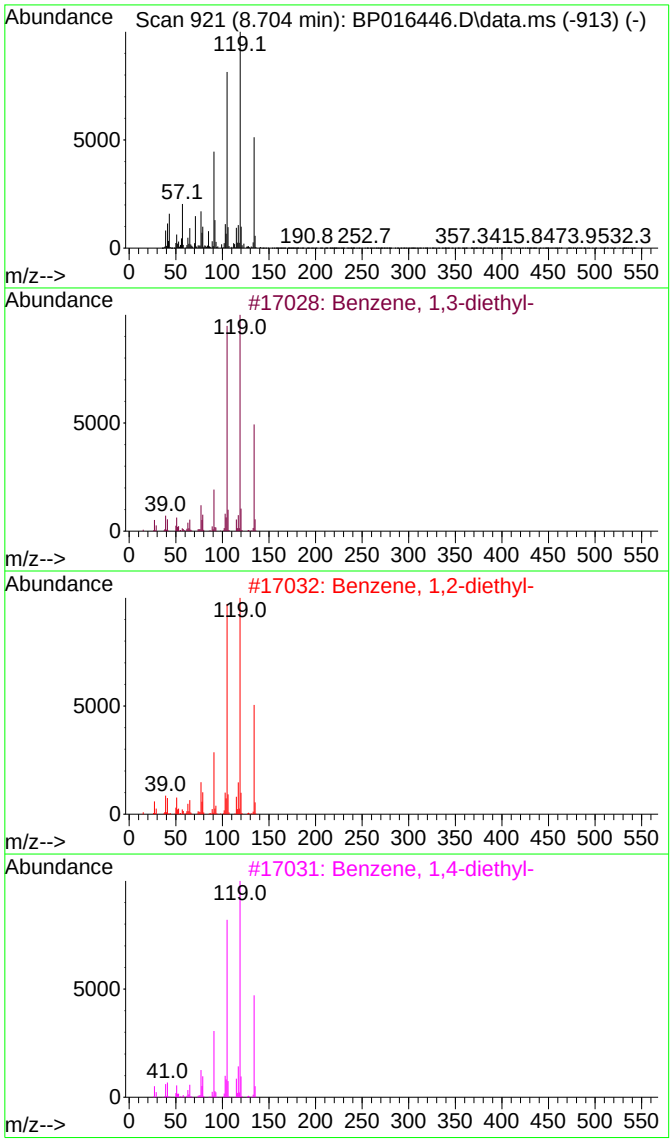
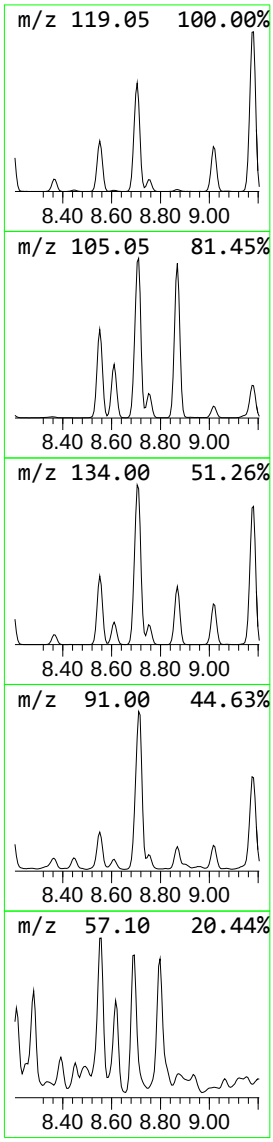
Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	54.29 ng	34294400	1,4-Dichlorobenzene-d4	8.081

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





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

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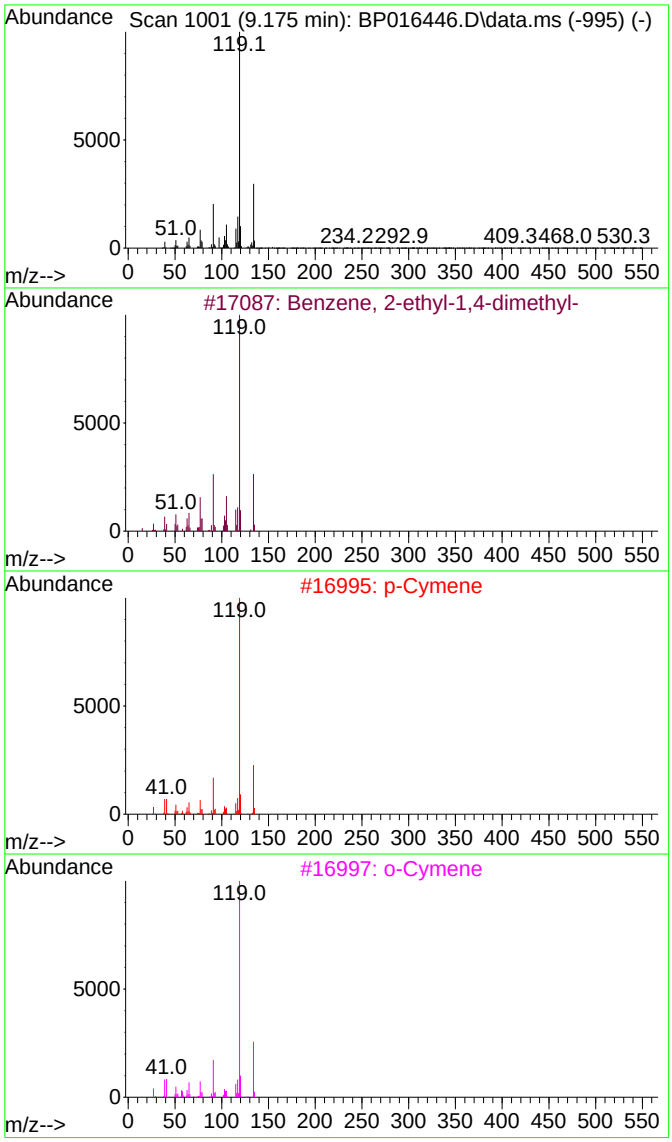
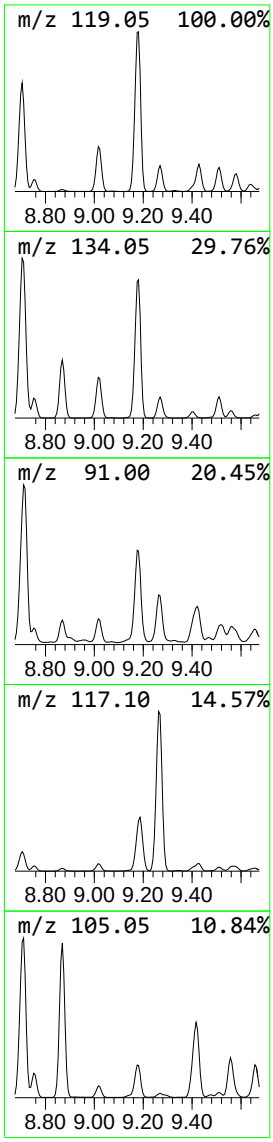
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	42.19 ng	26651600	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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

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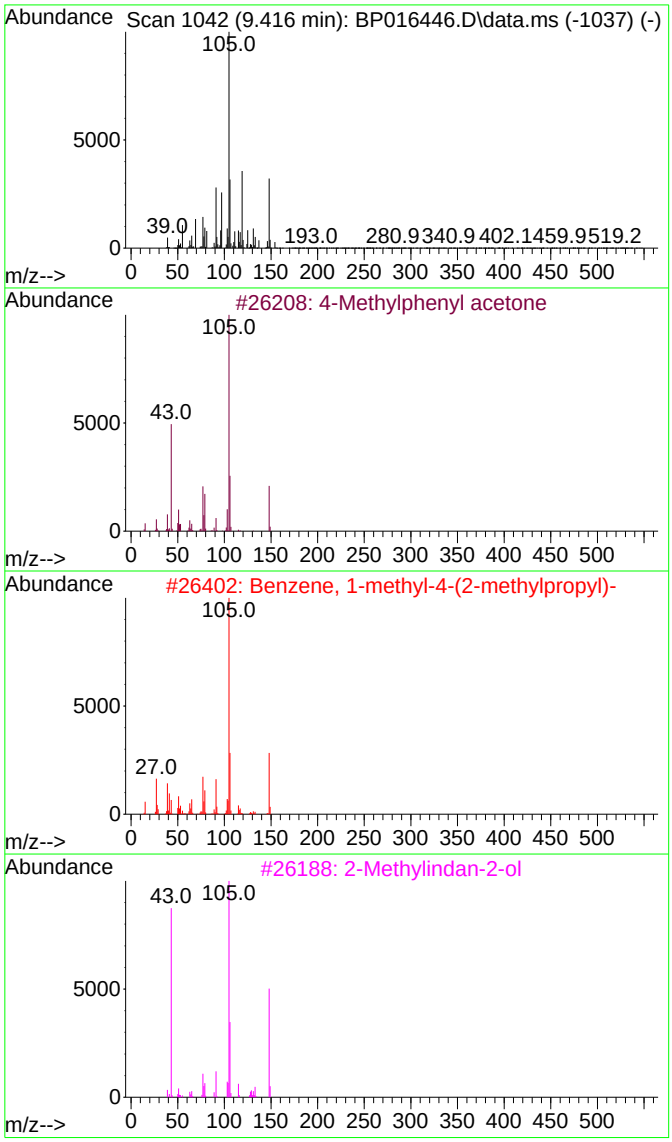
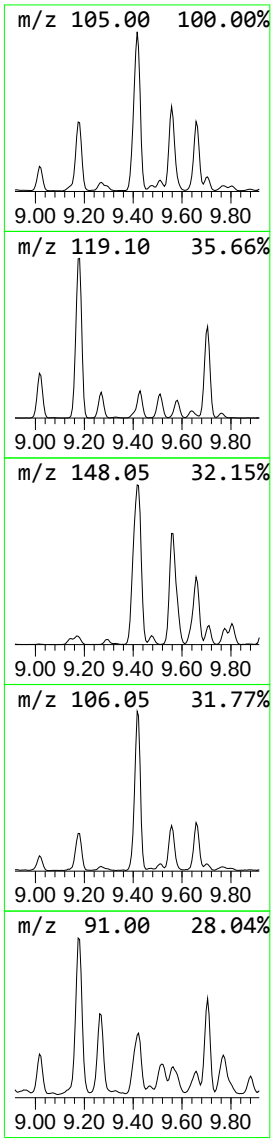
Peak Number 16 4-Methylphenyl acetone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	18.64 ng	11774100	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	55
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	55
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	47
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38





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Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

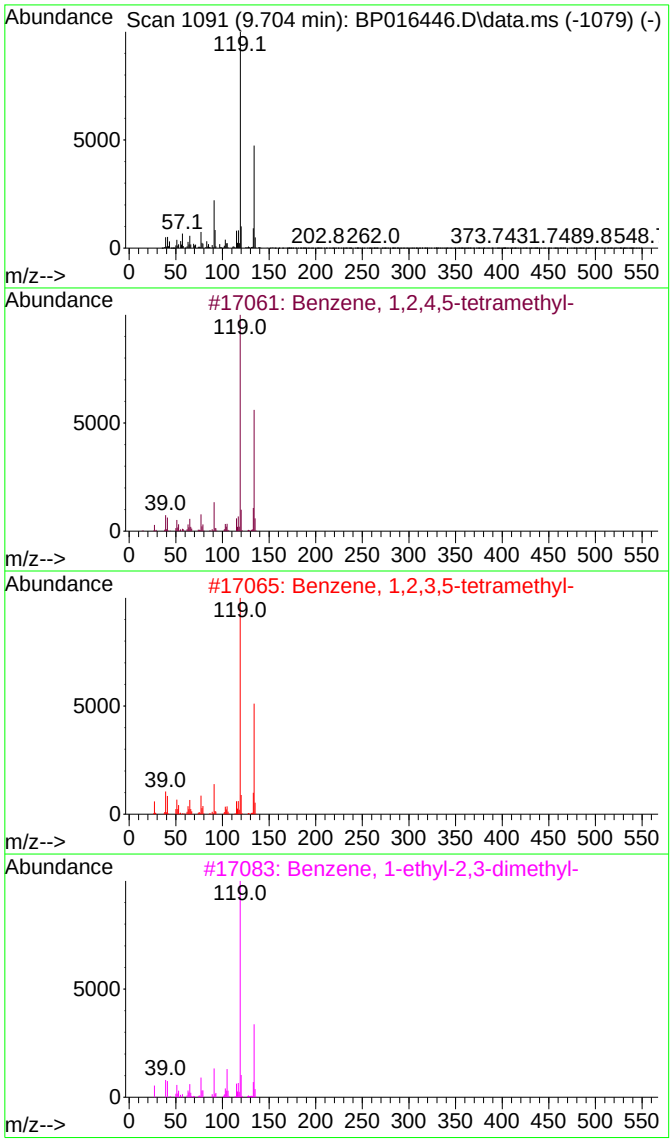
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

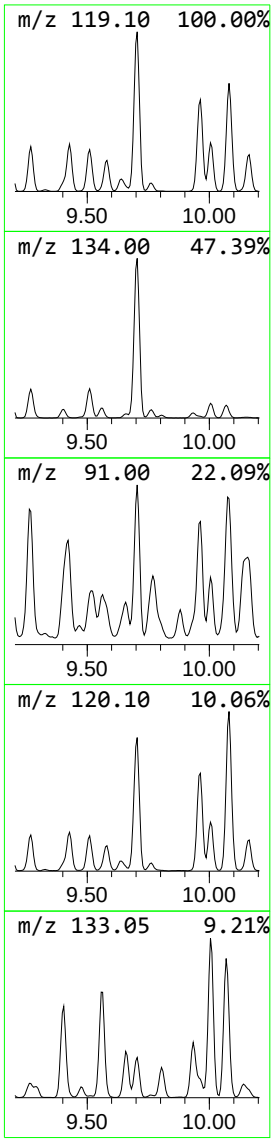
****

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	34.23 ng	19304800	Naphthalene-d8	10.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

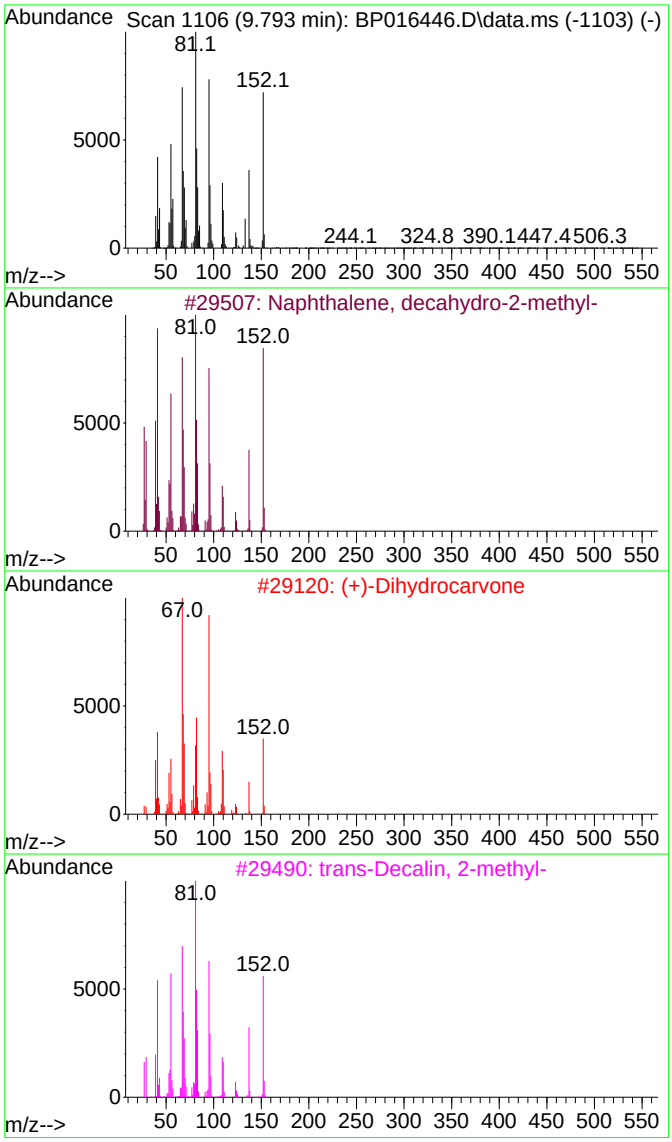
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

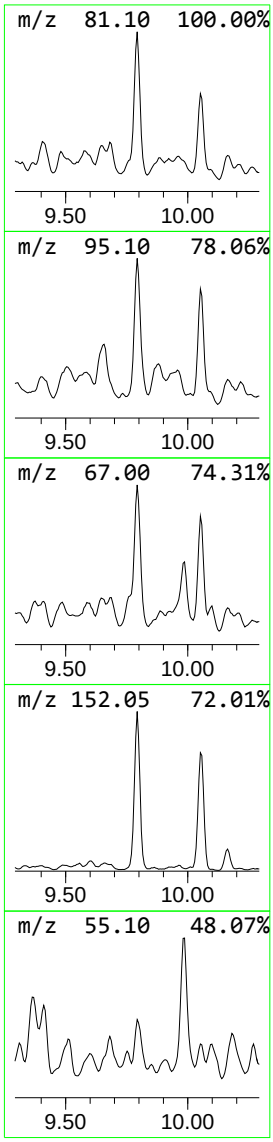
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.793	19.57 ng	11038800	Naphthalene-d8	10.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	91
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	83
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70





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Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

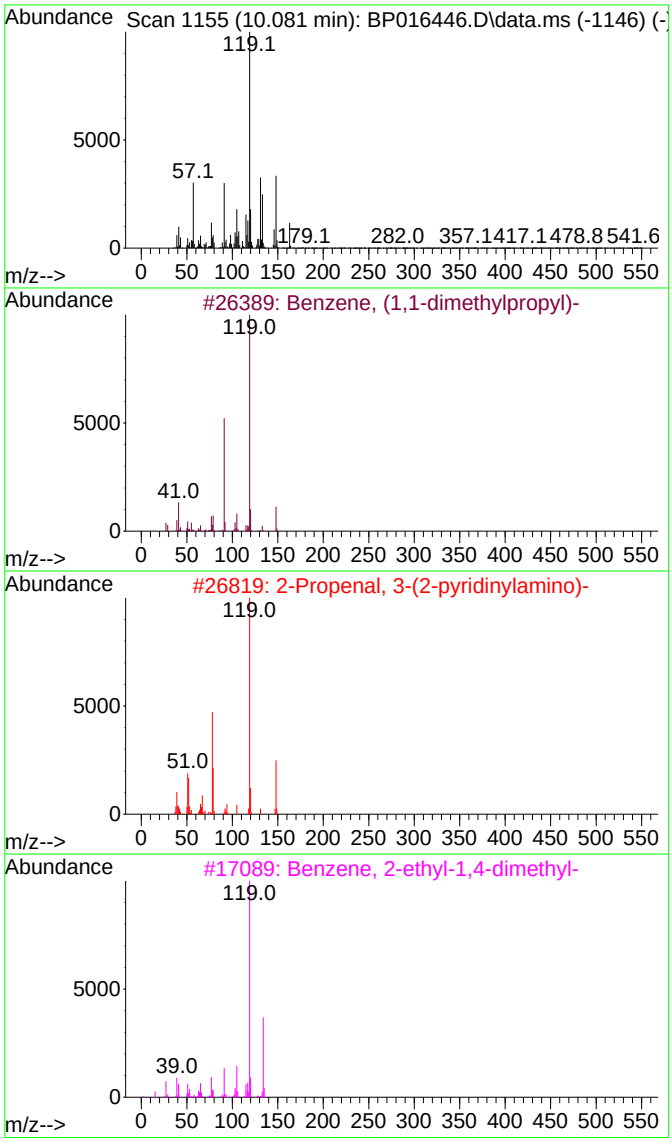
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

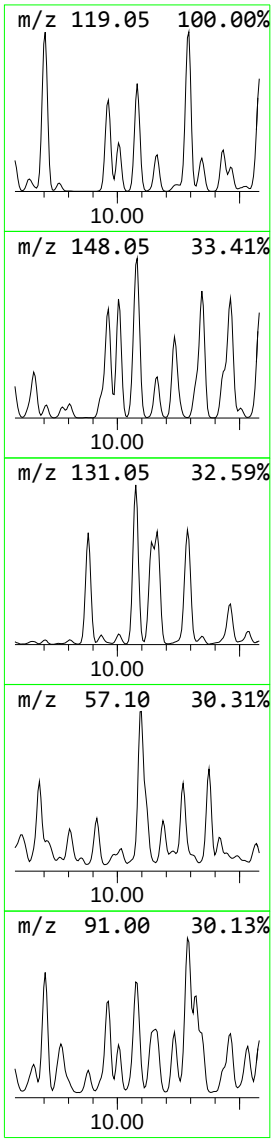
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, (1,1-dimethylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	38.27 ng	21582900	Naphthalene-d8	10.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
2	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	49
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
5	p-Cymene	134	C10H14	000099-87-6	45





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Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.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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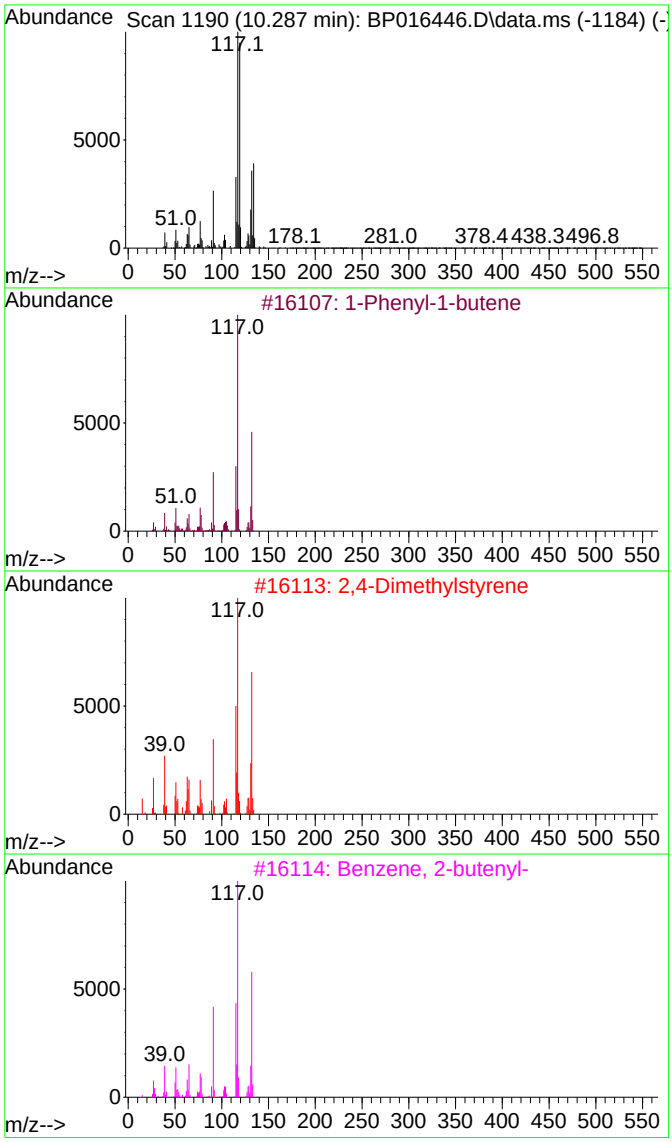
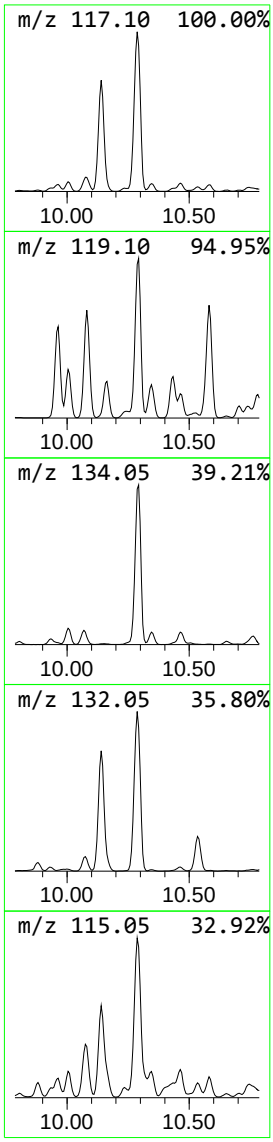
Peak Number 20 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.287	38.49 ng	21706800	Naphthalene-d8	10.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016446.D
Acq On : 01 Aug 2023 09:23
Operator : MA/JU
Sample : 03769-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P39C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.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
Heptane, 2-methyl-	4.040	18.6	ng	11726000	1	8.081	12634300	20.0
Octane	4.499	24.4	ng	15388900	1	8.081	12634300	20.0
Cyclohexane, 1,...	5.187	18.0	ng	11354000	1	8.081	12634300	20.0
Octane, 4-methyl-	5.428	24.3	ng	15360600	1	8.081	12634300	20.0
1-Ethyl-4-methy...	5.963	19.4	ng	12277700	1	8.081	12634300	20.0
Bicyclo[3.2.1]o...	6.528	18.1	ng	11454900	1	8.081	12634300	20.0
Octane, 2,6-dim...	6.557	24.2	ng	15267600	1	8.081	12634300	20.0
Cyclohexanone, ...	6.657	39.9	ng	25191600	1	8.081	12634300	20.0
Nonane, 4-methyl-	6.999	25.2	ng	15916800	1	8.081	12634300	20.0
Nonane, 2,6-dim...	7.998	31.7	ng	20040900	1	8.081	12634300	20.0
Cyclohexane, bu...	8.334	20.2	ng	12763500	1	8.081	12634300	20.0
Benzene, 1,3-di...	8.551	32.0	ng	20193600	1	8.081	12634300	20.0
Decane, 4-methyl-	8.616	27.0	ng	17055100	1	8.081	12634300	20.0
Benzene, 1,2-di...	8.704	54.3	ng	34294400	1	8.081	12634300	20.0
Benzene, 2-ethy...	9.175	42.2	ng	26651600	1	8.081	12634300	20.0
4-Methylphenyl ...	9.416	18.6	ng	11774100	1	8.081	12634300	20.0
Benzene, 1,2,4,...	9.704	34.2	ng	19304800	2	10.916	11279300	20.0
Naphthalene, de...	9.793	19.6	ng	11038800	2	10.916	11279300	20.0
Benzene, (1,1-d...	10.081	38.3	ng	21582900	2	10.916	11279300	20.0
1-Phenyl-1-butene	10.287	38.5	ng	21706800	2	10.916	11279300	20.0