LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

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_F\Methods\8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	8	18	26	rBV3	28273	88954	1.81%	0.202%
2	2.563	50	63	73	rVB3	79427	250015	5.07%	0.568%
3	2.781	94	100	108	rVB2	49180	120150	2.44%	0.273%
4	3.063	143	148	158	rVB2	36763	84489	1.71%	0.192%
5	3.416	196	208	210	rBV3	23013	54433	1.10%	0.124%
6	3.634	232	245	247	rBV4	20928	63266	1.28%	0.144%
7	3.681	247	253	259	rVV	77694	148249	3.01%	0.337%
8	3.757	259	266	277	rVV4	54200	119777	2.43%	0.272%
9	3.981	299	304	308	rVB	43549	68091	1.38%	0.155%
10	4.040	308	314	319	rBV	88243	142241	2.89%	0.323%
11	4.228	342	346	351	rVB2	30141	51270	1.04%	0.117%
12	4.375	363	371	374	rBV5	27772	60801	1.23%	0.138%
13	4.557	398	402	406	rBV2	38281	54411	1.10%	0.124%
14	4.657	413	419	429	rVB2	110158	191467	3.89%	0.435%
15	4.904	455	461	463	rBV3	35442	54758	1.11%	0.124%
16	5.110	491	496	502	rBV	46940	72831	1.48%	0.166%
17	5.181	502	508	512	rVB4	31134	53786	1.09%	0.122%
18	5.234	512	517	527	rVB5	28135	60744	1.23%	0.138%
19	5.387	536	543	548	rVB	2263444	3130016	63.53%	7.114%
20	5.510	555	564	570	rVB	2882033	4926993	100.00%	11.198%
21	6.063	653	658	663	rBV	329518	408063	8.28%	0.927%
22	6.351	703	707	712	rVB	578406	727938	14.77%	1.655%
23	6.416	712	718	720	rBV2	76670	103922	2.11%	0.236%
24	6.451	720	724	727	rVB	656489	770848	15.65%	1.752%
25	6.492	727	731	734	rBV	697401	974263	19.77%	2.214%
26	6.581	741	746	751	rBV	788031	995999	20.22%	2.264%
27	6.722	758	770	775	rBV	2114032	2780337	56.43%	6.319%
28	6.839	783	790	795	rBV3	54803	121781	2.47%	0.277%
29	6.892	795	799	802	rBV	260968	325711	6.61%	0.740%
30	6.951	804	809	813	rVB	1015330	1259488	25.56%	2.863%
31	7.075	825	830	835	rVB	1944734	2494331	50.63%	5.669%
32	7.139	837	841	848	rVB2	381184	499322	10.13%	1.135%
33	7.210	848	853	861	rVB	410515	606475	12.31%	1.378%
34	7.287	861	866	871	rBV2	220620	308926	6.27%	0.702%
35	7.357	873	878	885	rBV2	188100	366334	7.44%	0.833%
36	7.428	885	890	892	rBV	1046472	1360037	27.60%	3.091%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

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_F\Methods\8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.457	892	895	901	rVB2	1283417	1773247	35.99%	4.030%
38	7.539	905	909	912	rBV3	50405	68086	1.38%	0.155%
39	7.575	912	915	923	rVB2	113994	156590	3.18%	0.356%
40	7.663	923	930	932	rBV	525009	720696	14.63%	1.638%
41	7.686	932	934	938	rVB	324922	337239	6.84%	0.767%
42	7.734	938	942	946	rBV	70618	100895	2.05%	0.229%
43	7.781	946	950	954	rVB3	66099	95180	1.93%	0.216%
44	7.845	954	961	967	rVB	652703	921072	18.69%	2.093%
45	7.916	967	973	980	rBV	1186845	1835285	37.25%	4.171%
46	8.016	987	990	992	rVB	67572	75072	1.52%	0.171%
47	8.045	992	995	998	rVB	58088	68143	1.38%	0.155%
48	8.204	1004	1022	1027	rBV2	1867862	3642808	73.94%	8.280%
49	8.251	1027	1030	1034	rVB2	165579	215932	4.38%	0.491%
50	8.351	1045	1047	1053	rVV6	28169	51011	1.04%	0.116%
51	8.451	1053	1064	1073	rVV2	111169	272179	5.52%	0.619%
52	8.528	1073	1077	1079	rVV2	40904	61093	1.24%	0.139%
53	8.557	1079	1082	1088	rVV	127573	177098	3.59%	0.403%
54	8.639	1092	1096	1100	rVV2	117650	205398	4.17%	0.467%
55	8.675	1100	1102	1108	rVB3	77306	108874	2.21%	0.247%
56	8.763	1113	1117	1121	rVB	141694	184230	3.74%	0.419%
57	8.886	1133	1138	1145	rBV	706678	917402	18.62%	2.085%
58	8.986	1150	1155	1159	rVV	472005	621898	12.62%	1.413%
59	9.051	1162	1166	1171	rVB3	97750	178466	3.62%	0.406%
60	9.175	1180	1187	1195	rVB4	90016	198182	4.02%	0.450%
61	9.251	1195	1200	1205	rVB	1395468	1718415	34.88%	3.906%
62	9.328	1209	1213	1219	rBV3	74286	131651	2.67%	0.299%
63	9.516	1238	1245	1248	rBV4	70165	137363	2.79%	0.312%
64	9.586	1253	1257	1260	rBV	36187	55821	1.13%	0.127%
65	9.669	1267	1271	1280	rBV5	20929	55558	1.13%	0.126%
66	9.928	1310	1315	1320	rBV	323915	434514	8.82%	0.988%
67	10.022	1324	1331	1339	rVV3	77920	126794	2.57%	0.288%
68	10.186	1354	1359	1366	rBV2	124873	228615	4.64%	0.520%
69	10.645	1431	1437	1445	rBV3	39812	74013	1.50%	0.168%
70	10.722	1445	1450	1465	rVV	785446	1046065	21.23%	2.378%
71	10.851	1467	1472	1478	rVB2	40258	62867	1.28%	0.143%
72	11.286	1541	1546	1554	rBV2	44270	84112	1.71%	0.191%
73	11.422	1564	1569	1577	rBV	294719	427241	8.67%	0.971%
74	11.939	1652	1657	1670	rVB3	76754	135036	2.74%	0.307%
75	12.727	1787	1791	1802	rVB	31915	52324	1.06%	0.119%
76	13.010	1833	1839	1844	rBV	1166346	1565899	31.78%	3.559%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

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_F\Methods\8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.063	2013	2018	2032	rVB	280461	365720	7.42%	0.831%
78	15.557	2266	2272	2284	rVB	251576	408581	8.29%	0.929%

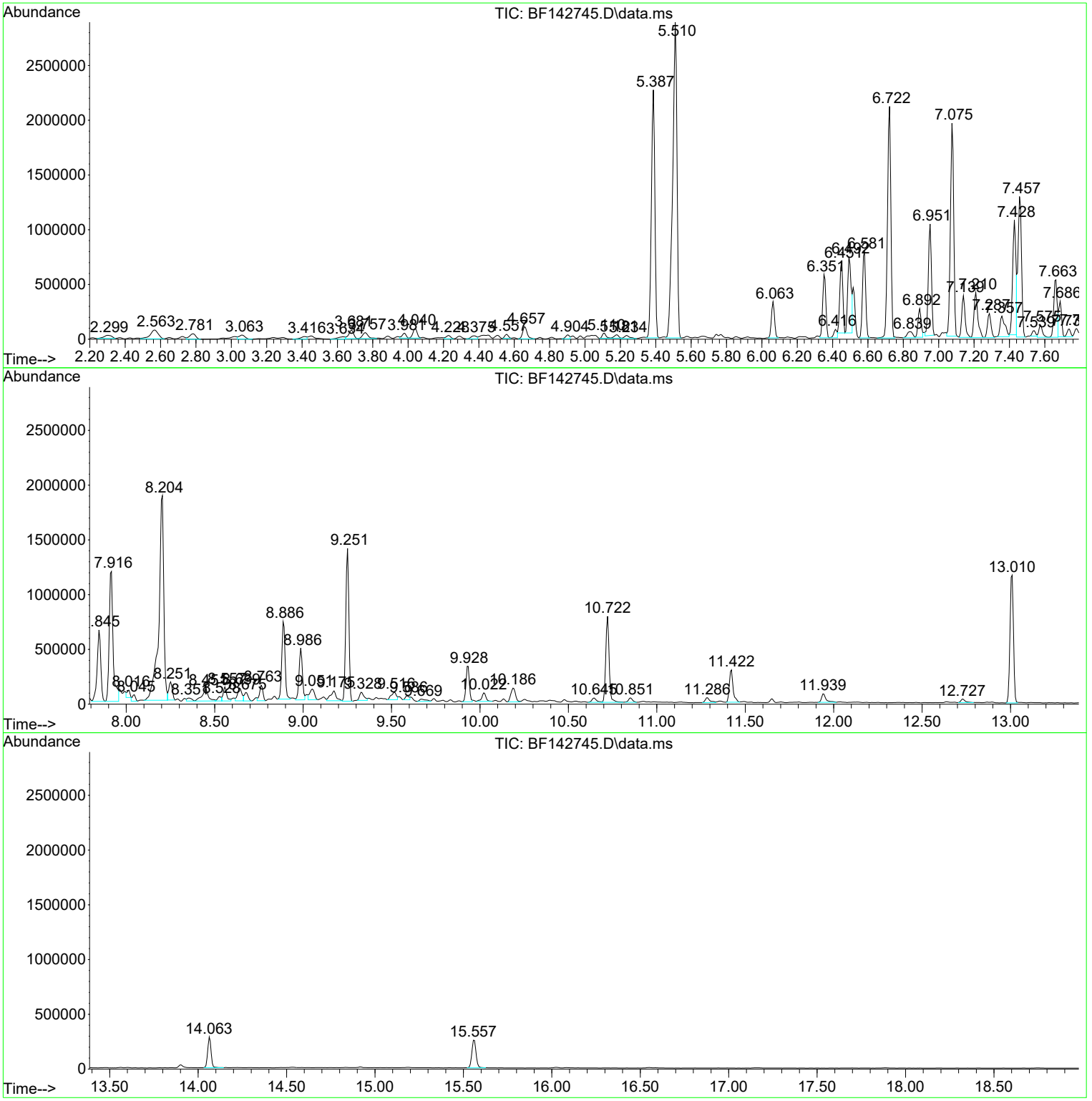
Sum of corrected areas: 43997182

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

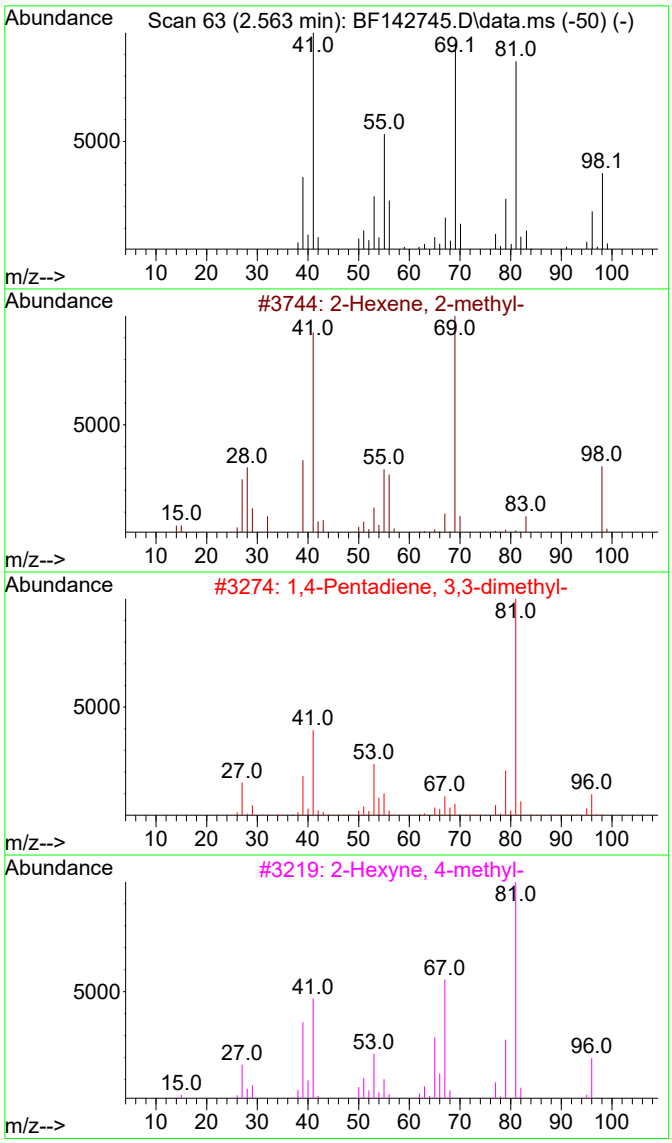
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

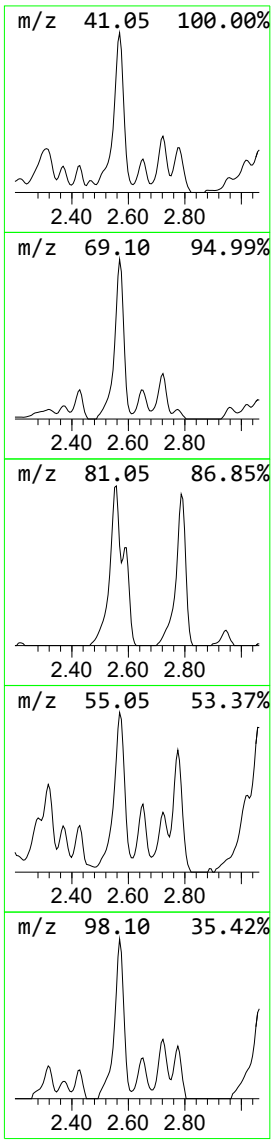
****

Peak Number 1 2-Hexene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.563	15.35 ng	250015	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	55
2	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	55
3	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	50
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	50
5	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

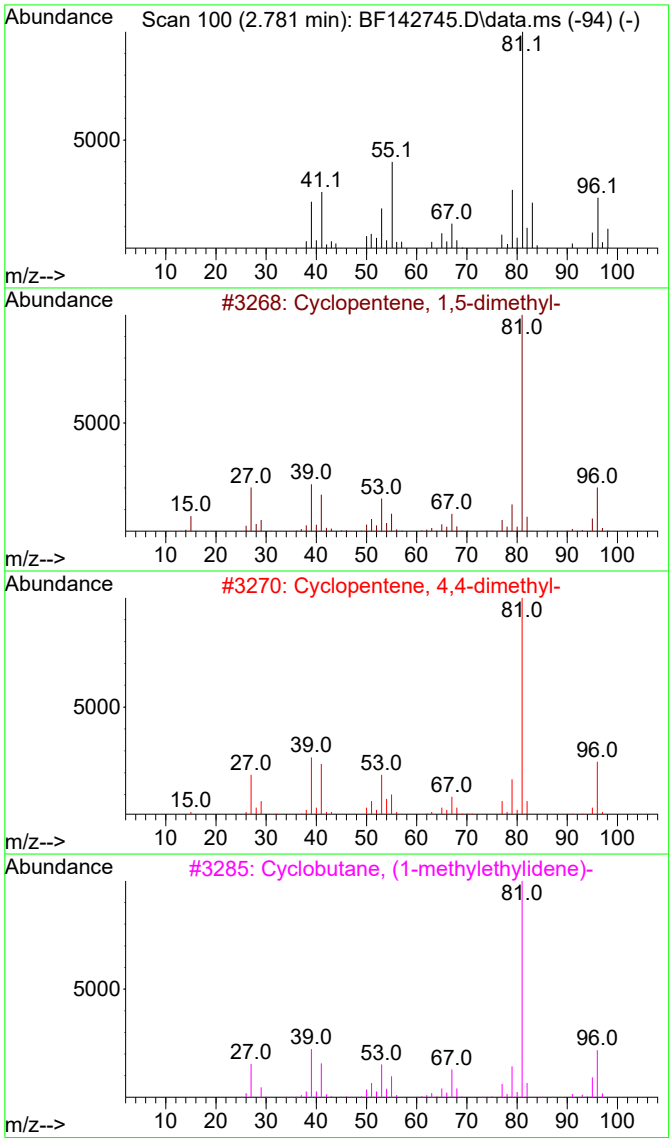
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

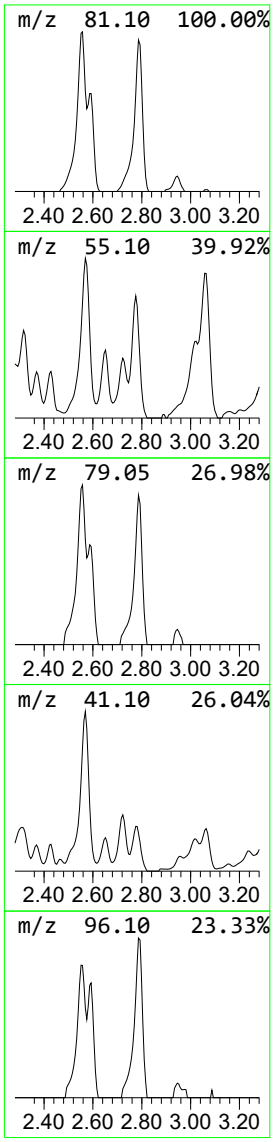
****

Peak Number 2 Cyclopentene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.781	7.38 ng	120150	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	76
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	70
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	70
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	58
5	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

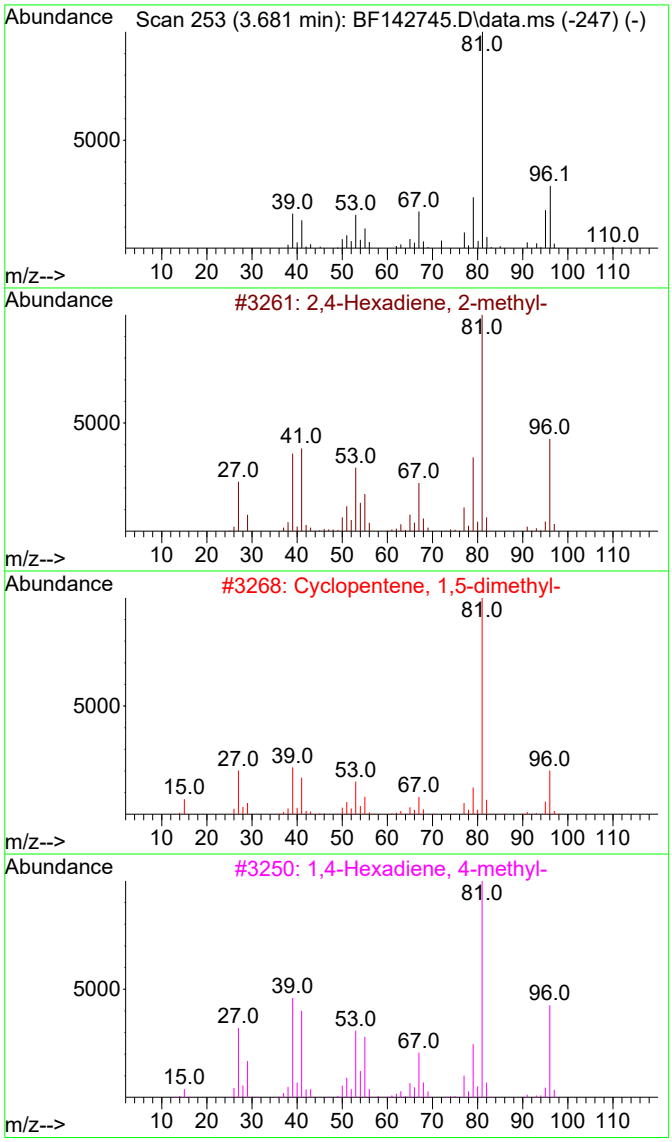
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

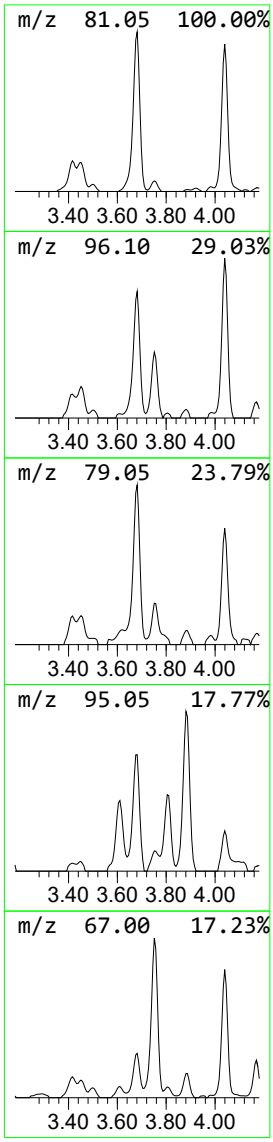
****

Peak Number 3 2,4-Hexadiene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.681	9.10 ng	148249	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	87
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

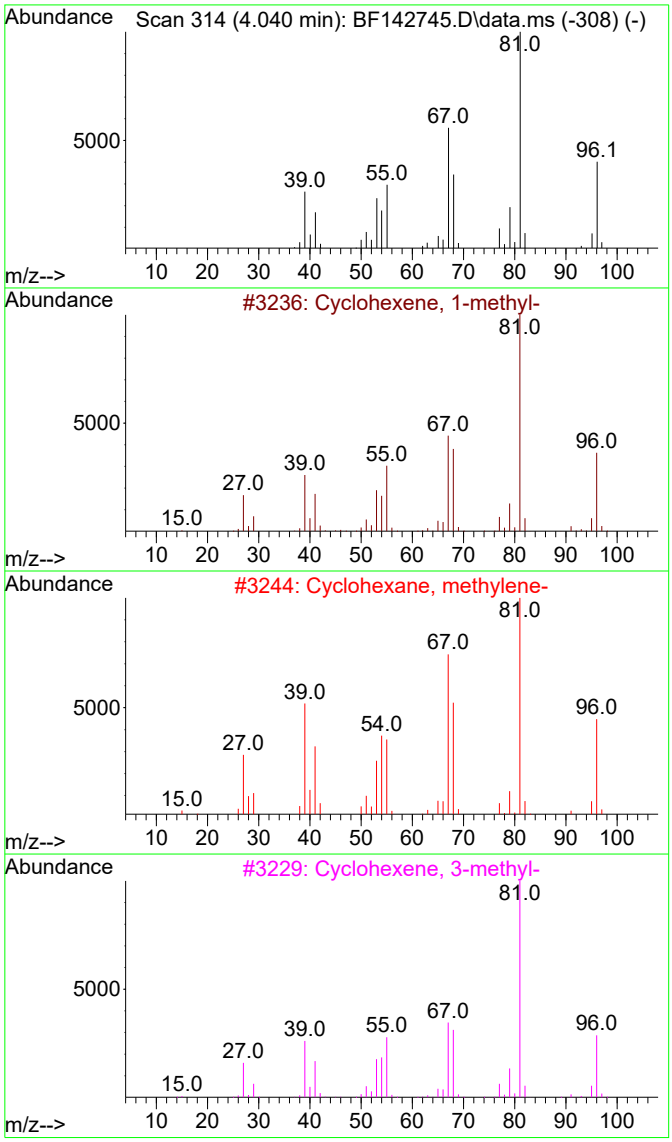
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

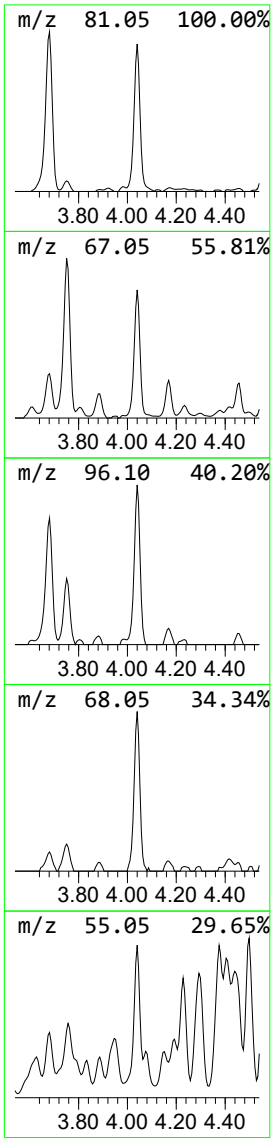
****

Peak Number 4 Cyclohexene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.040	8.73 ng	142241	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	81
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

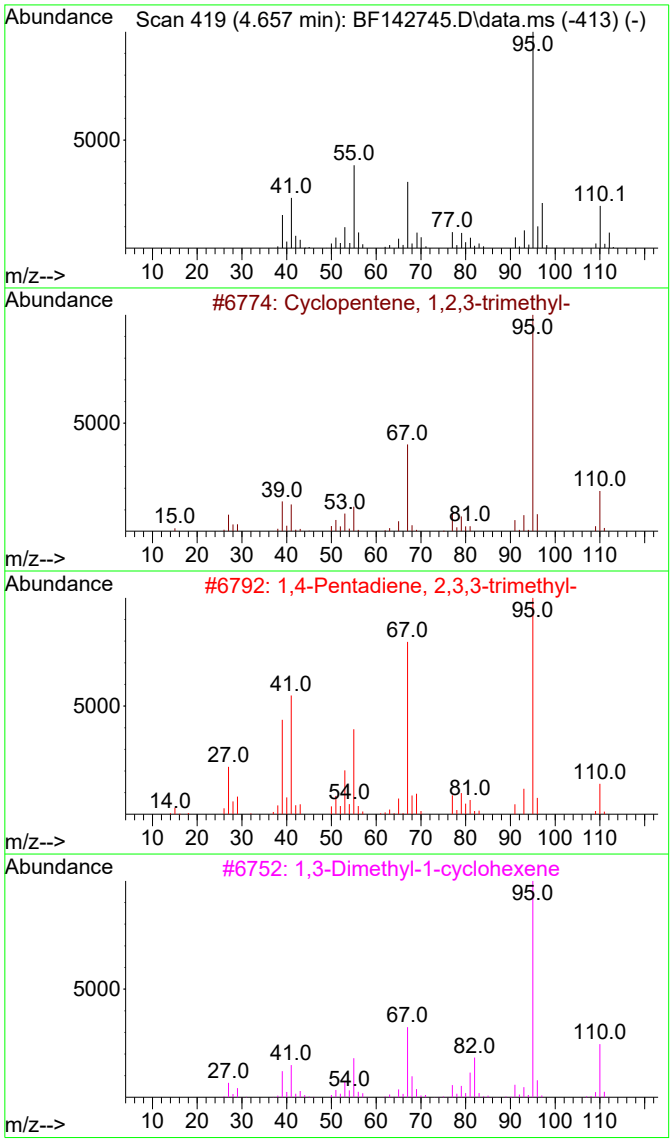
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

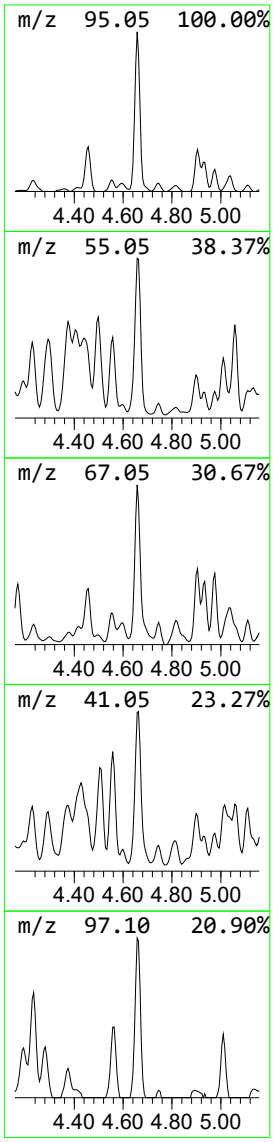
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.657	11.76 ng	191467	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	81
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	68
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	62
5	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

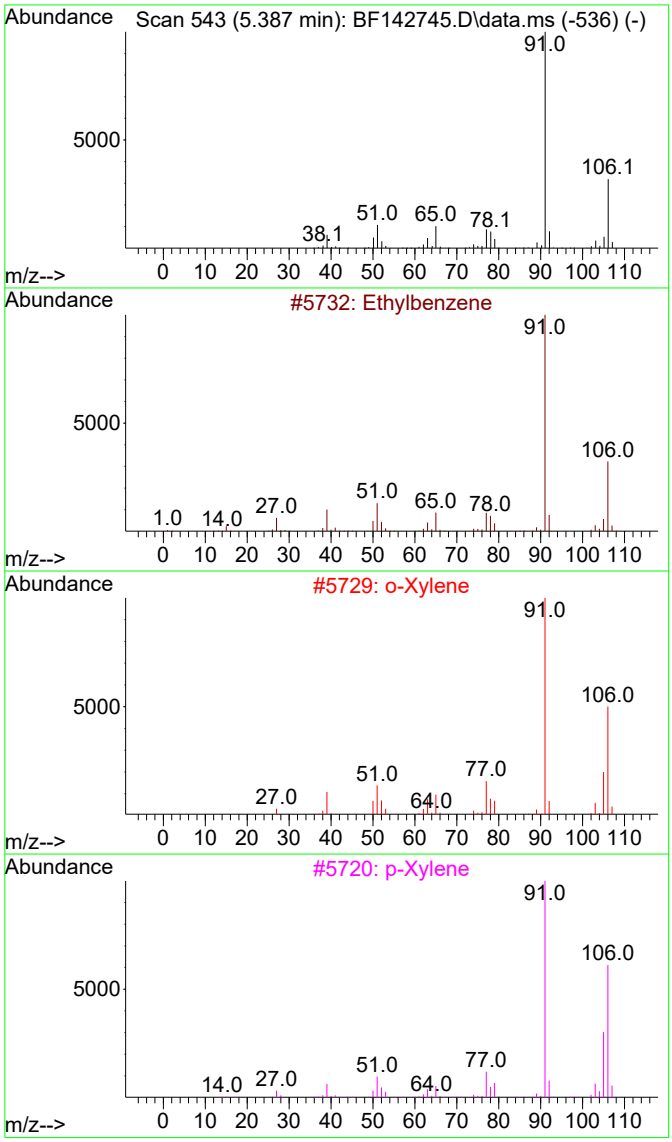
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

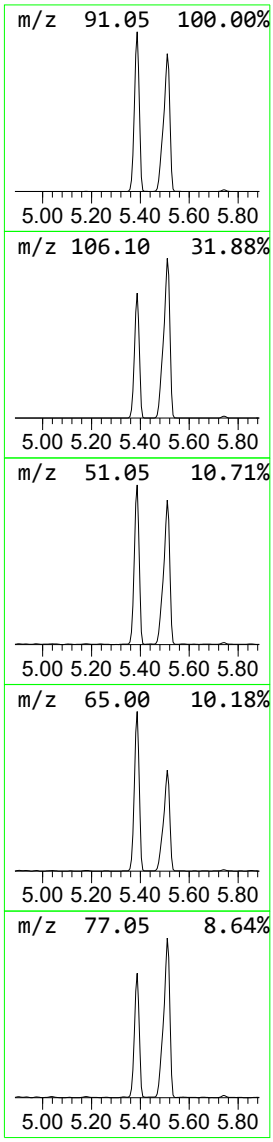
****

Peak Number 6 Ethylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	192.20 ng	3130020	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	76
3	p-Xylene	106	C8H10	000106-42-3	72
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	62
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50





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Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

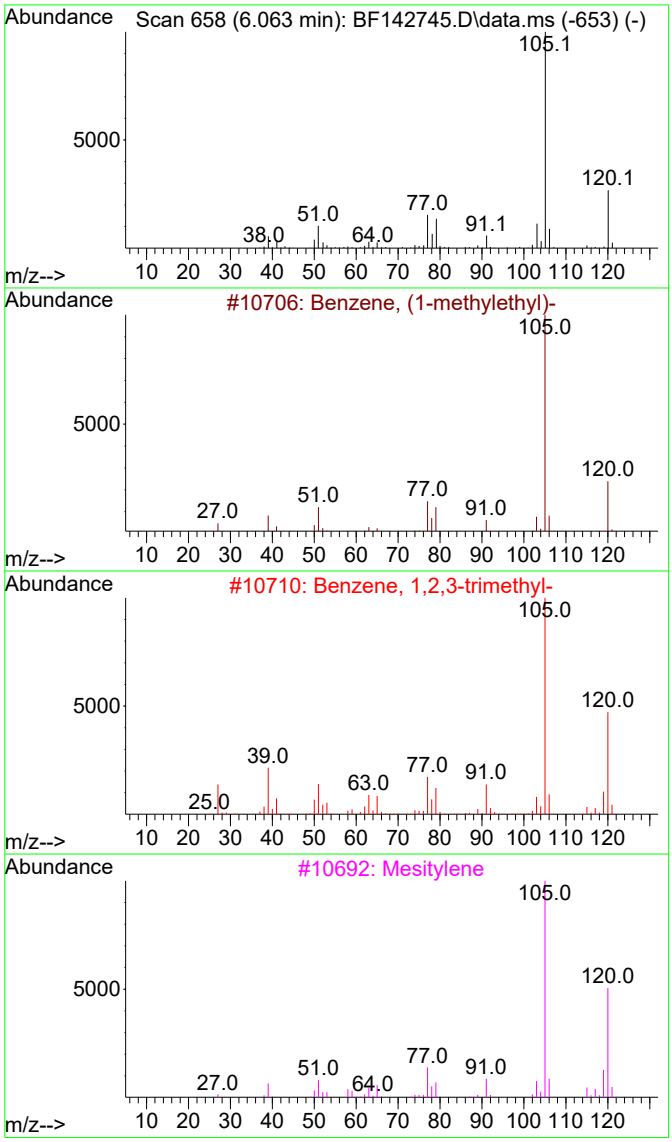
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

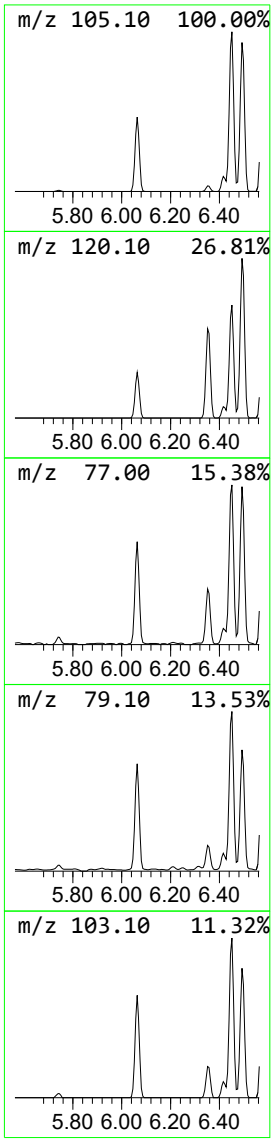
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	25.06 ng	408063	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





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Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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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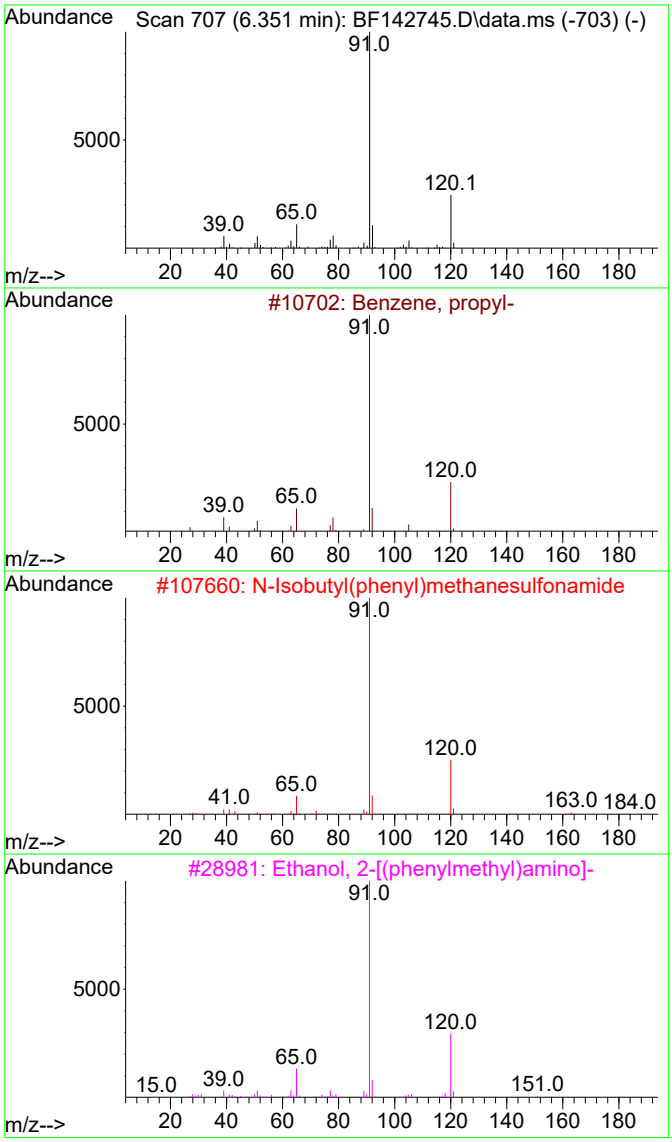
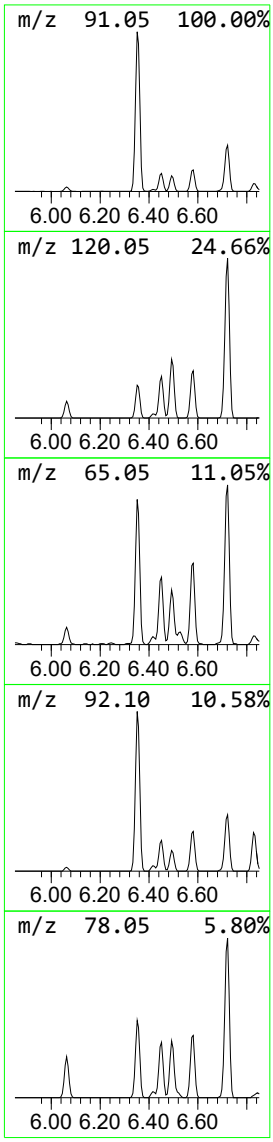
Peak Number 8 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	44.70 ng	727938	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2-20250605

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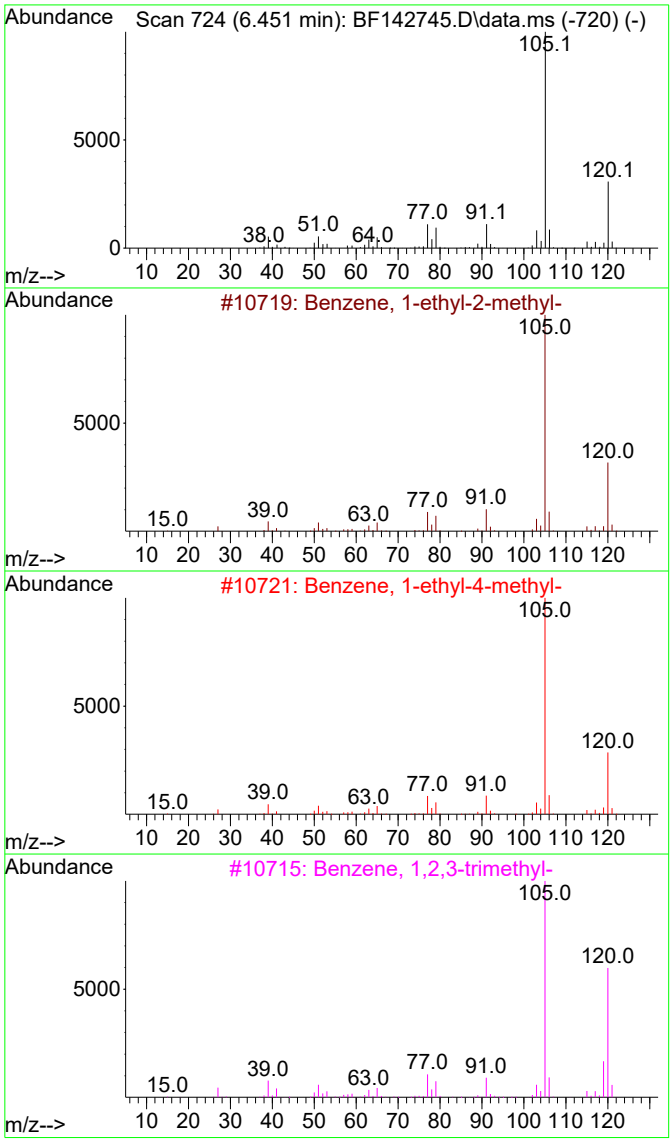
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

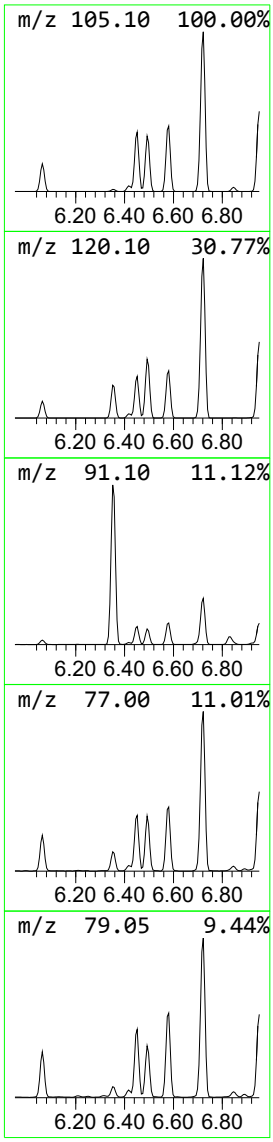
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.451	47.33 ng	770848	1,4-Dichlorobenzene-d4	6.892

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	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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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2-20250605

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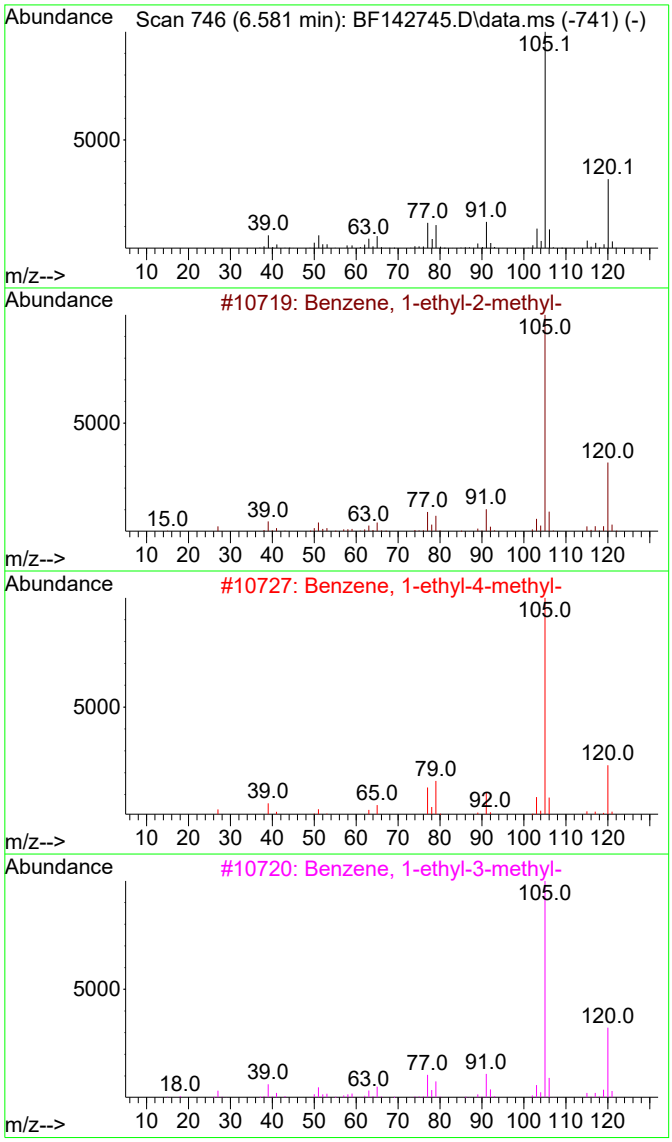
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

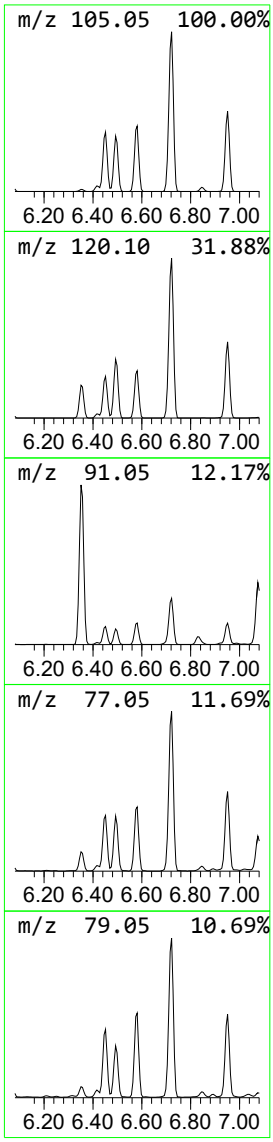
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.581	61.16 ng	995999	1,4-Dichlorobenzene-d4	6.892

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





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Sample : Q2268-03
Misc :
ALS Vial : 24 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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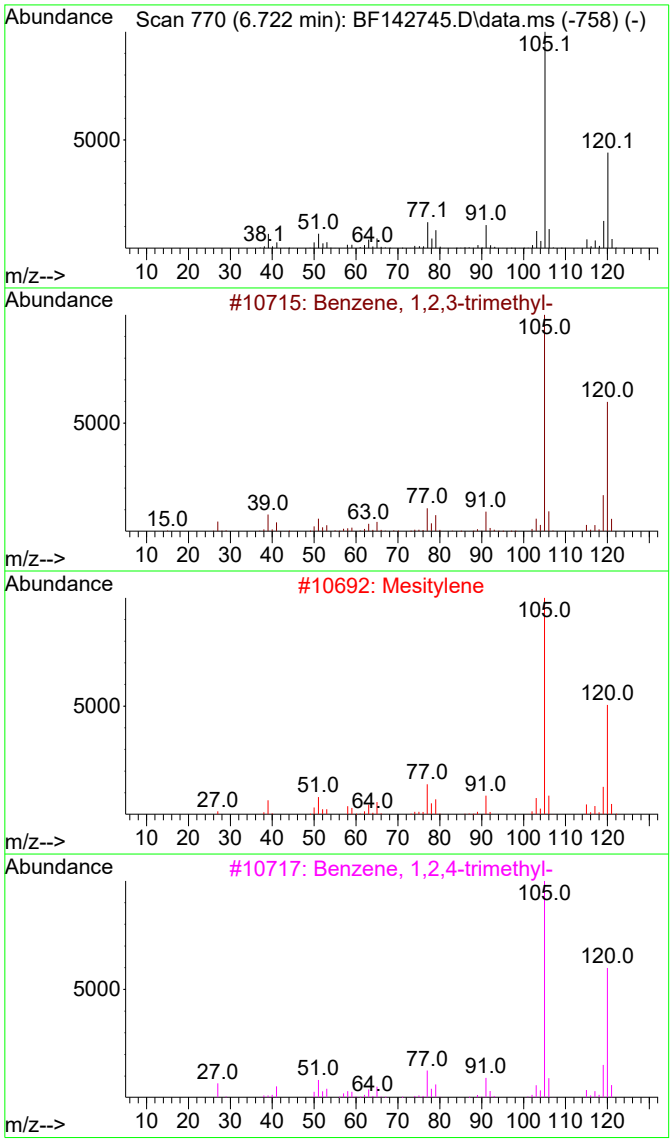
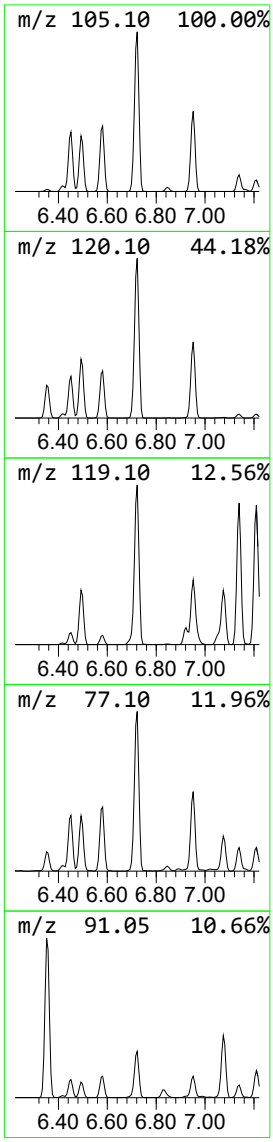
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	170.72 ng	2780340	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : Q2268-03
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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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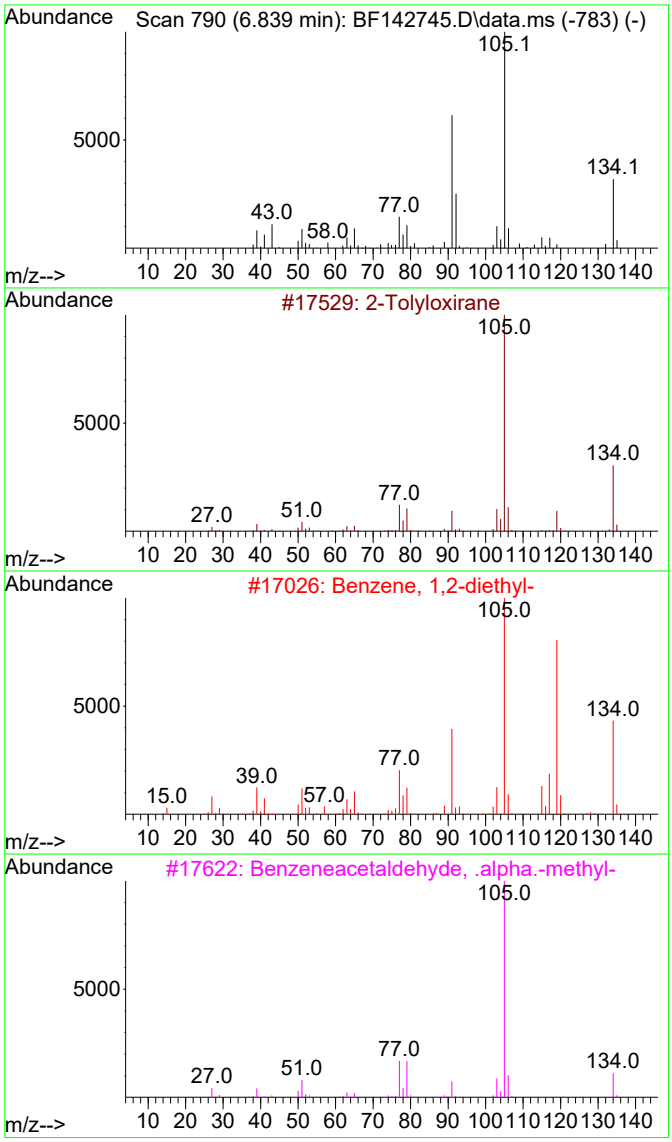
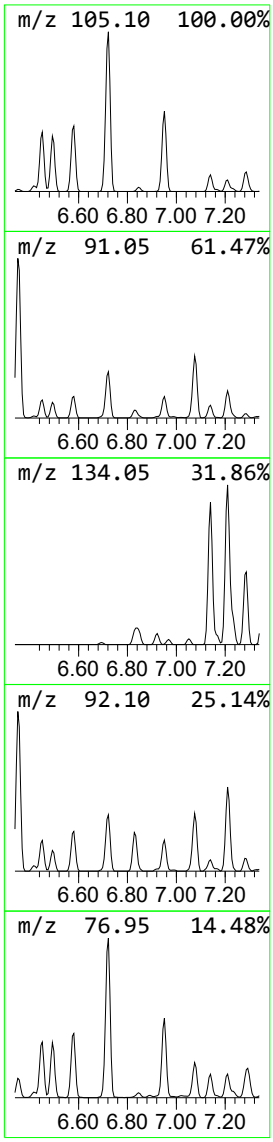
Peak Number 12 2-Tolyloxirane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.839	7.48 ng	121781	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	62
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	58
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58
4	2-Indanol	134	C9H10O	004254-29-9	58
5	p-Mentha-1,5,8-triene	134	C10H14	021195-59-5	53





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Acq On : 11 Jun 2025 20:17
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Sample : Q2268-03
Misc :
ALS Vial : 24 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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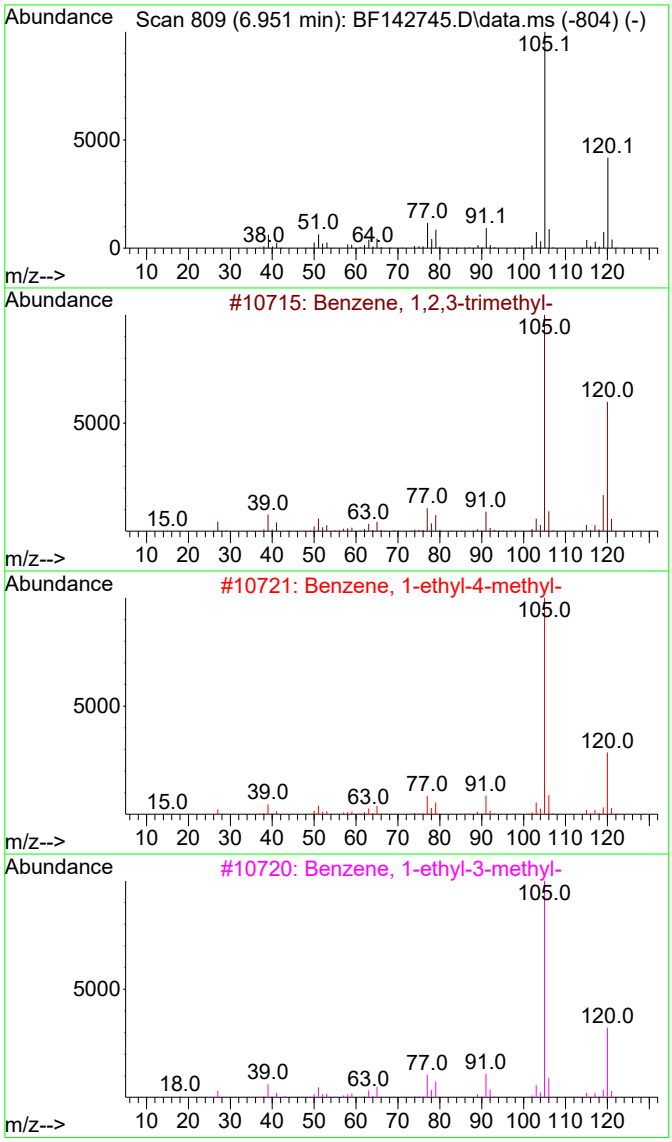
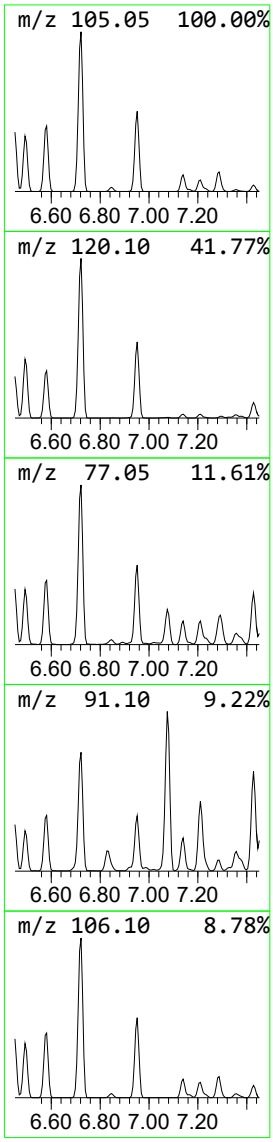
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.951	77.34 ng	1259490	1,4-Dichlorobenzene-d4	6.892

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





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Misc :
ALS Vial : 24 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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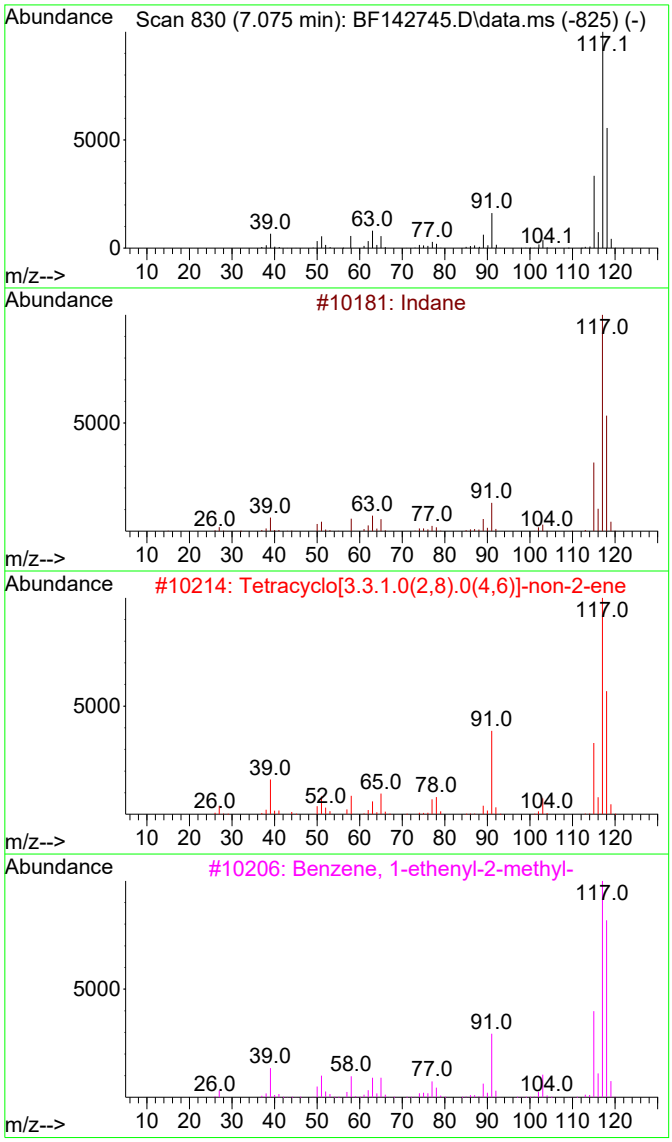
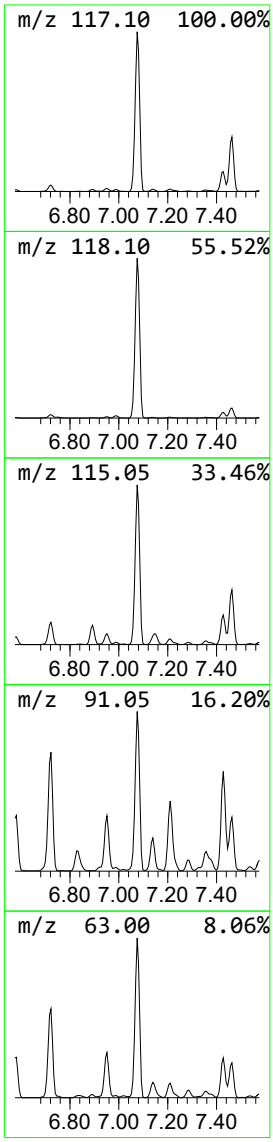
Peak Number 14 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	153.16 ng	2494330	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





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ALS Vial : 24 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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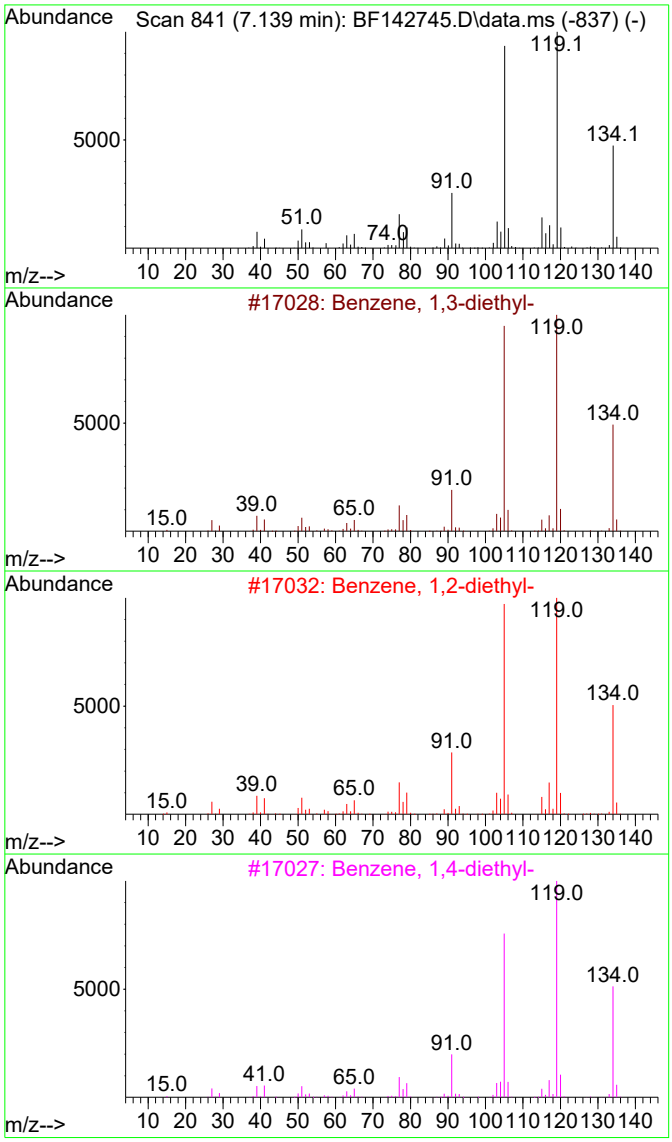
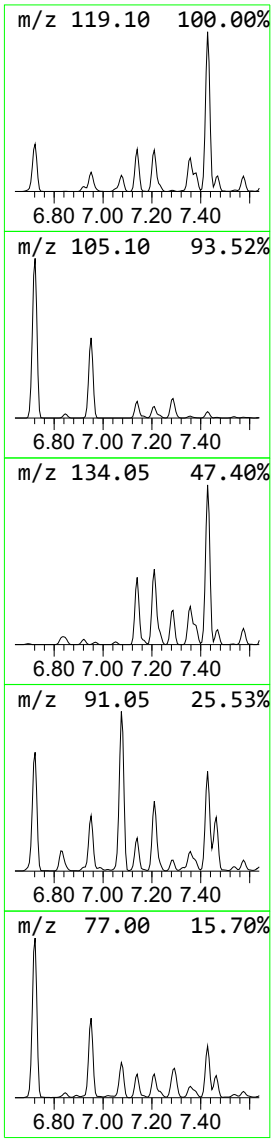
Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	30.66 ng	499322	1,4-Dichlorobenzene-d4	6.892

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	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Misc :
ALS Vial : 24 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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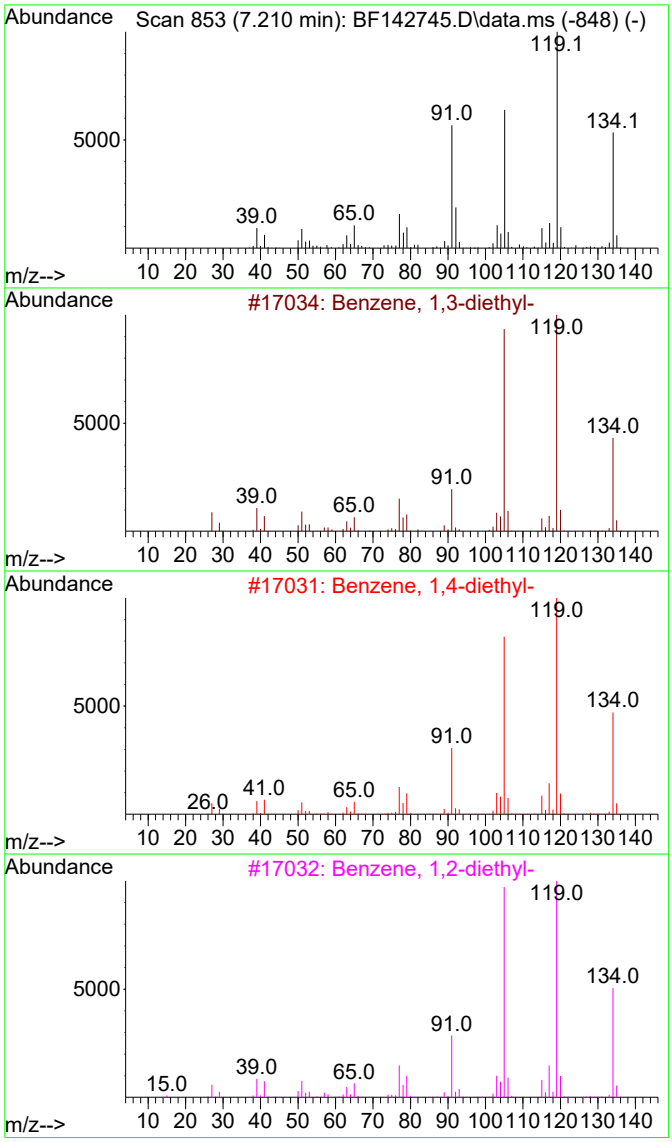
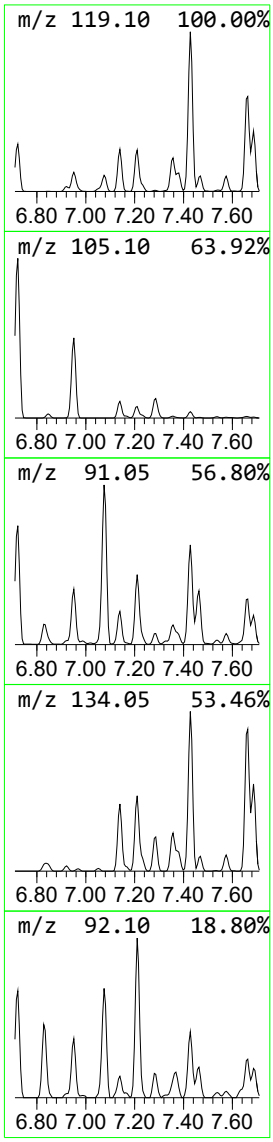
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	37.24 ng	606475	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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ALS Vial : 24 Sample Multiplier: 1

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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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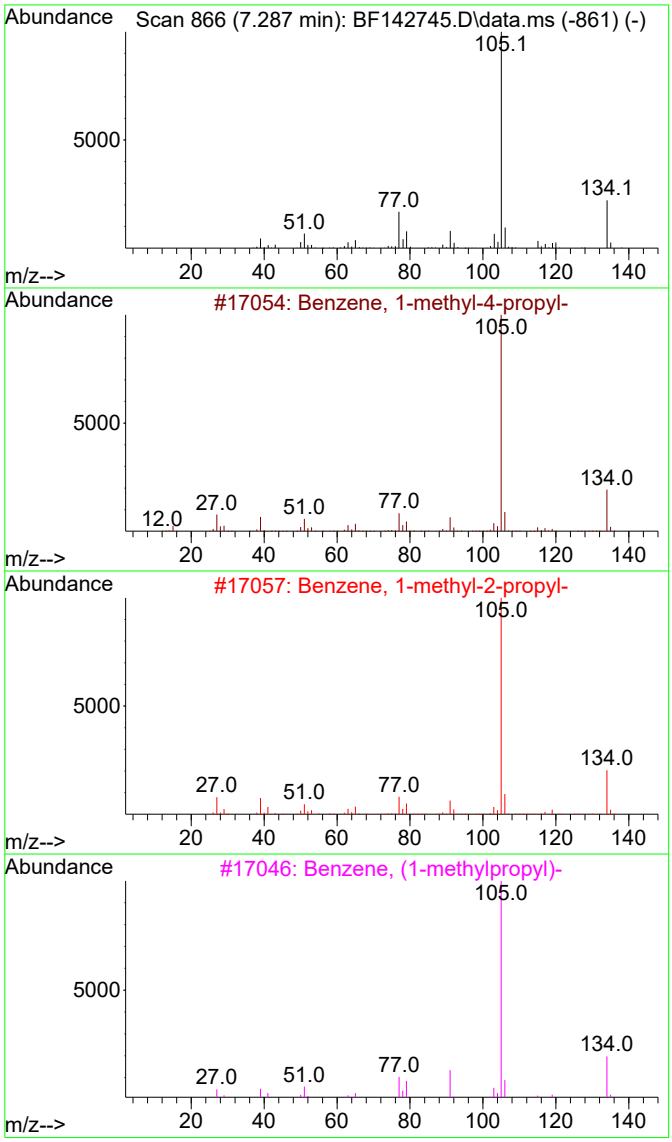
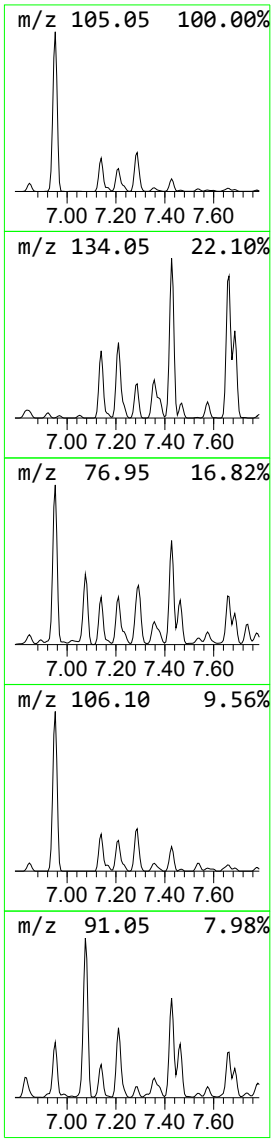
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	18.97 ng	308926	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72





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Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

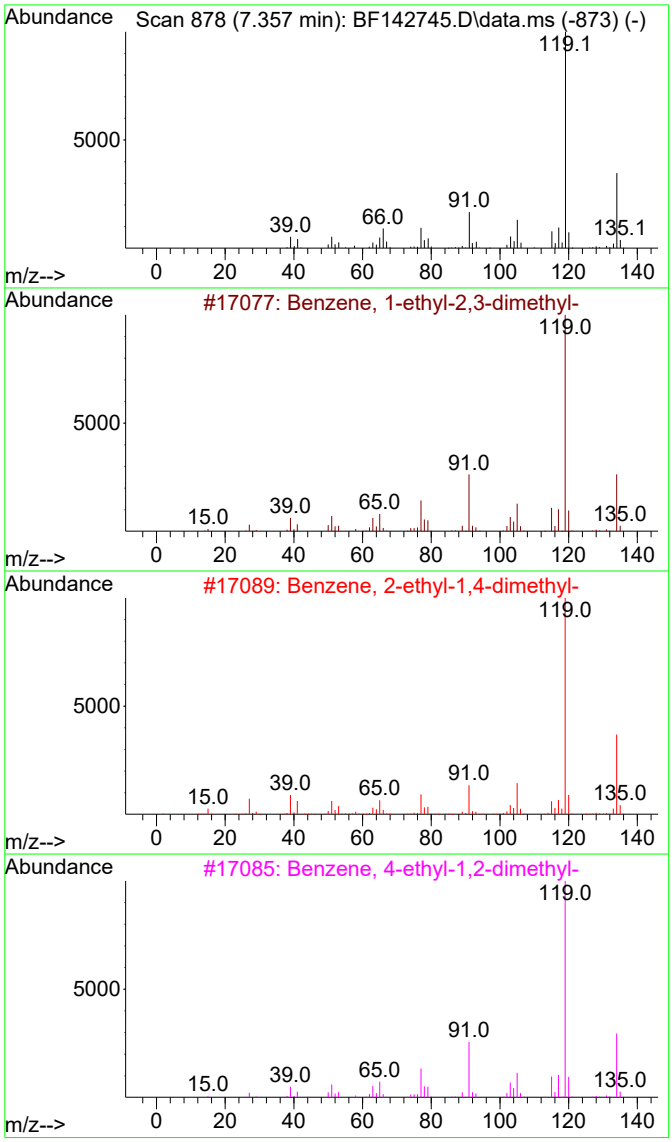
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

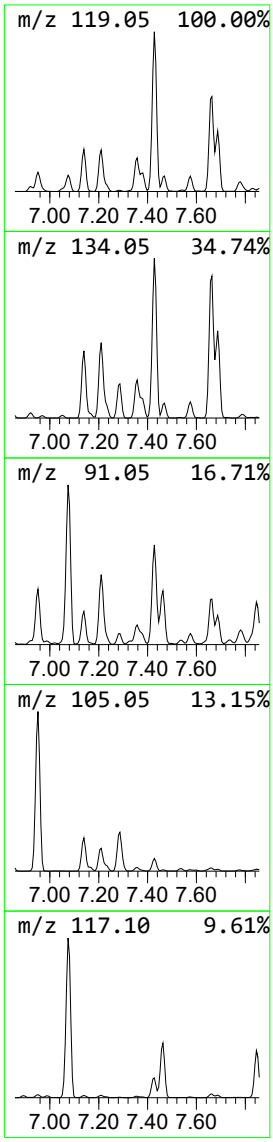
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.357	22.49 ng	366334	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	o-Cymene	134	C10H14	000527-84-4	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

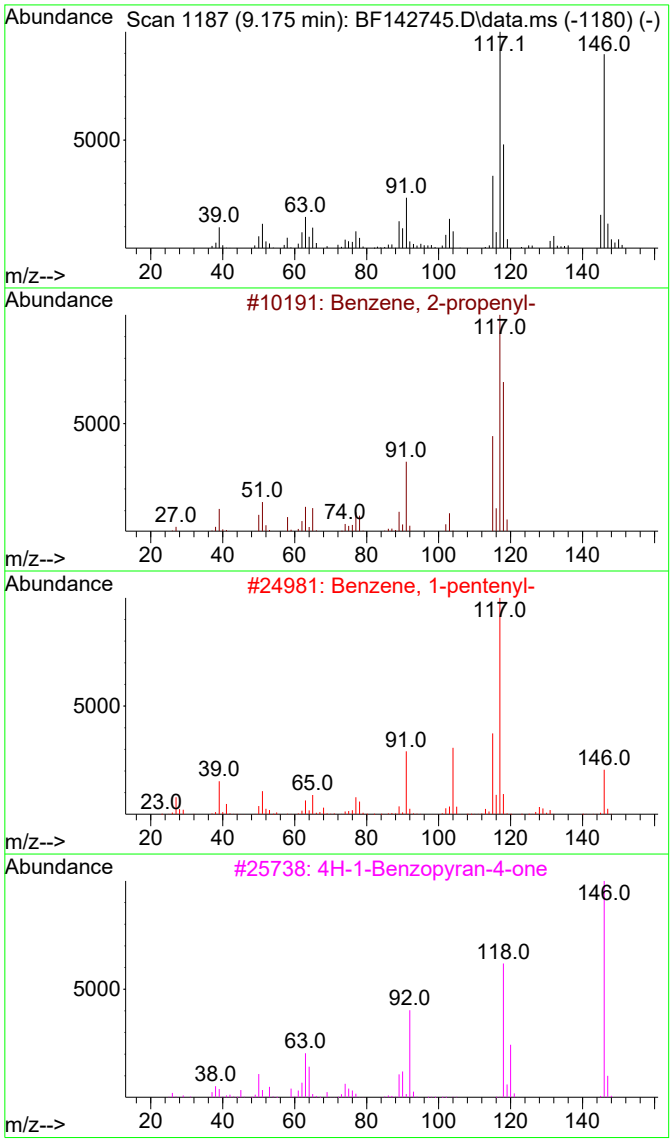
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

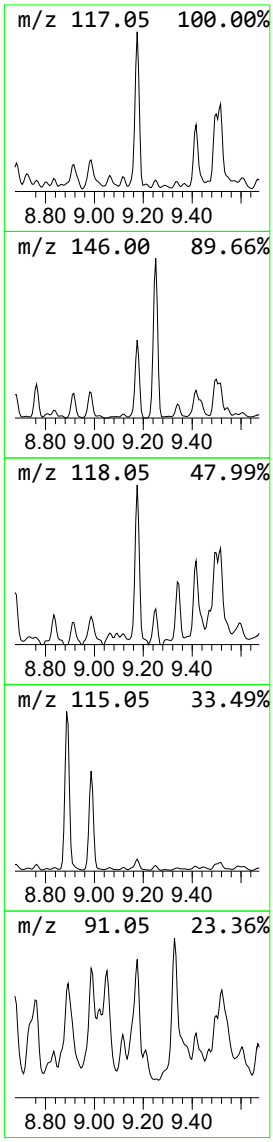
****

Peak Number 19 Benzene, 2-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	9.12 ng	198182	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	70
3	4H-1-Benzopyran-4-one	146	C9H6O2	000491-38-3	55
4	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	53
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

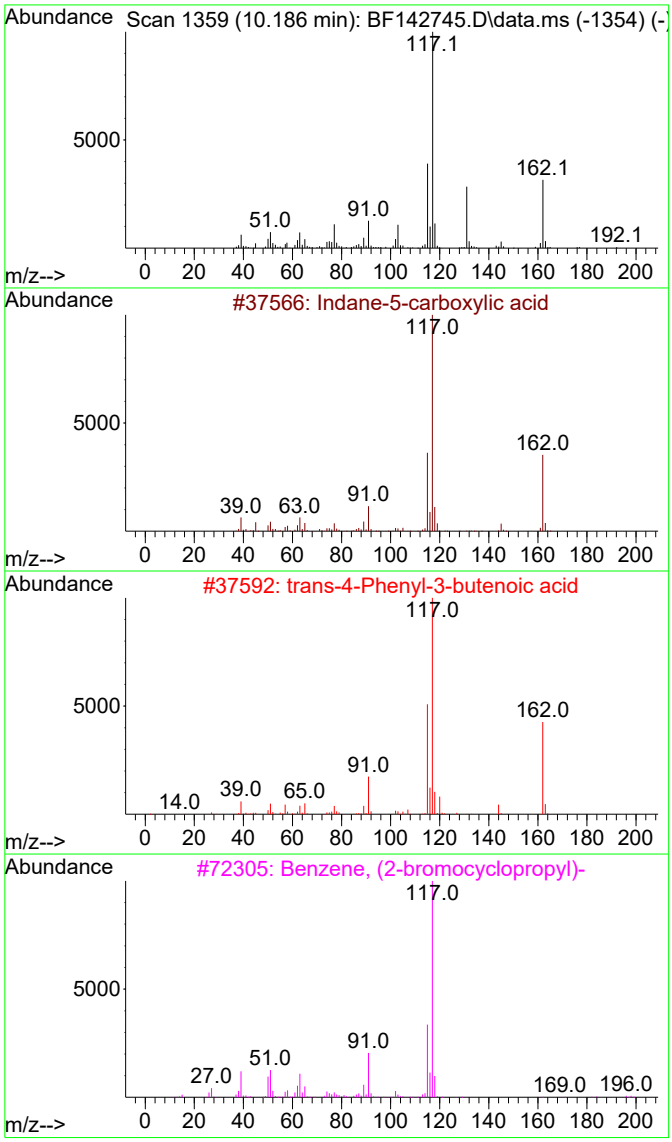
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

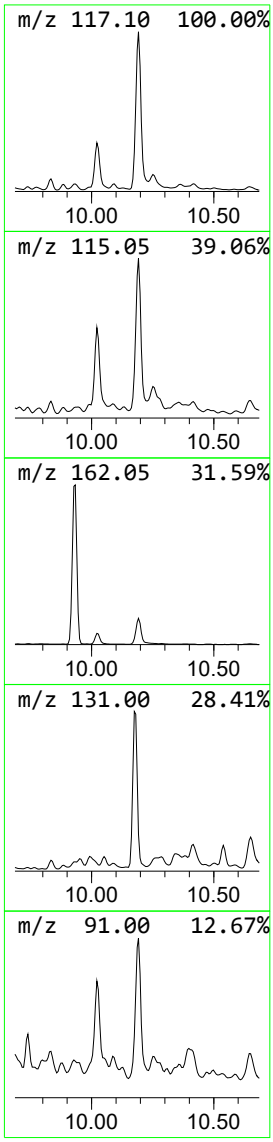
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Indane-5-carboxylic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	10.52 ng	228615	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	91
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	81
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142745.D
Acq On : 11 Jun 2025 20:17
Operator : RC/JU
Sample : Q2268-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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-Hexene, 2-met...	2.563	15.4	ng	250015	1	6.892	325711	20.0
Cyclopentene, 1...	2.781	7.4	ng	120150	1	6.892	325711	20.0
2,4-Hexadiene, ...	3.681	9.1	ng	148249	1	6.892	325711	20.0
Cyclohexene, 1-...	4.040	8.7	ng	142241	1	6.892	325711	20.0
Cyclopentene, 1...	4.657	11.8	ng	191467	1	6.892	325711	20.0
Ethylbenzene	5.387	192.2	ng	3130020	1	6.892	325711	20.0
Benzene, (1-met...	6.063	25.1	ng	408063	1	6.892	325711	20.0
Benzene, propyl-	6.351	44.7	ng	727938	1	6.892	325711	20.0
Benzene, 1-ethy...	6.451	47.3	ng	770848	1	6.892	325711	20.0
Benzene, 1-ethy...	6.581	61.2	ng	995999	1	6.892	325711	20.0
Benzene, 1,2,3-...	6.722	170.7	ng	2780340	1	6.892	325711	20.0
2-Tolyloxirane	6.839	7.5	ng	121781	1	6.892	325711	20.0
Benzene, 1-ethy...	6.951	77.3	ng	1259490	1	6.892	325711	20.0
Indane	7.075	153.2	ng	2494330	1	6.892	325711	20.0
Benzene, 1,3-di...	7.139	30.7	ng	499322	1	6.892	325711	20.0
Benzene, 1,4-di...	7.210	37.2	ng	606475	1	6.892	325711	20.0
Benzene, 1-meth...	7.287	19.0	ng	308926	1	6.892	325711	20.0
Benzene, 1-ethy...	7.357	22.5	ng	366334	1	6.892	325711	20.0
Benzene, 2-prop...	9.175	9.1	ng	198182	3	9.933	434514	20.0
Indane-5-carbox...	10.186	10.5	ng	228615	3	9.933	434514	20.0