LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

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-BF062824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	11	20	24	rVB	7261280	11289174	100.00%	16.694%
2	2.304	32	37	48	rVB6	73947	193121	1.71%	0.286%
3	2.581	77	84	93	rVB4	54442	146048	1.29%	0.216%
4	4.646	428	435	440	rBV2	112985	150256	1.33%	0.222%
5	5.098	508	512	518	rVB	355760	406999	3.61%	0.602%
6	5.363	553	557	561	rVB	2072336	1789985	15.86%	2.647%
7	5.487	571	578	579	rBV	2995302	3858256	34.18%	5.705%
8	5.504	579	581	584	rVB	3582553	2839935	25.16%	4.200%
9	5.722	615	618	621	rBV	157381	137532	1.22%	0.203%
10	6.045	669	673	676	rBV2	248823	262222	2.32%	0.388%
11	6.334	719	722	725	rVB	262984	202208	1.79%	0.299%
12	6.398	729	733	735	rVV	326486	273808	2.43%	0.405%
13	6.428	735	738	742	rVB	790211	624138	5.53%	0.923%
14	6.475	742	746	748	rBV	821141	692847	6.14%	1.025%
15	6.510	748	752	755	rVV	2354691	2215339	19.62%	3.276%
16	6.557	757	760	764	rVB	1115062	868716	7.70%	1.285%
17	6.698	780	784	787	rVB	2542187	2114695	18.73%	3.127%
18	6.875	810	814	816	rBV	1360883	1194115	10.58%	1.766%
19	6.928	820	823	827	rVV	1360334	1106689	9.80%	1.637%
20	7.051	841	844	847	rVB	2278653	1859547	16.47%	2.750%
21	7.122	852	856	864	rBV2	396000	517529	4.58%	0.765%
22	7.187	864	867	870	rBV	395570	362207	3.21%	0.536%
23	7.263	877	880	885	rBV	276648	280630	2.49%	0.415%
24	7.334	889	892	894	rBV	278848	281060	2.49%	0.416%
25	7.357	894	896	900	rVV	176072	166950	1.48%	0.247%
26	7.410	900	905	906	rVV	1063138	1112575	9.86%	1.645%
27	7.439	906	910	913	rVB2	4048421	4354028	38.57%	6.439%
28	7.551	925	929	933	rVB3	178937	215416	1.91%	0.319%
29	7.639	940	944	946	rBV	654117	496301	4.40%	0.734%
30	7.663	946	948	950	rVV	541985	476638	4.22%	0.705%
31	7.681	950	951	954	rVV2	192925	155342	1.38%	0.230%
32	7.722	954	958	960	rVB2	140356	128748	1.14%	0.190%
33	7.822	973	975	979	rVV	620364	586958	5.20%	0.868%
34	7.857	979	981	983	rVV	214455	193788	1.72%	0.287%
35	7.892	983	987	990	rVV	1196674	1271815	11.27%	1.881%
36	7.945	993	996	998	rVV	159675	205397	1.82%	0.304%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

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-BF062824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.969	998	1000	1002	rVV	135376	128268	1.14%	0.190%
38	8.151	1023	1031	1033	rVV	1675641	2027795	17.96%	2.999%
39	8.175	1033	1035	1038	rVV	2161291	1728905	15.31%	2.557%
40	8.228	1041	1044	1048	rVB2	145368	184625	1.64%	0.273%
41	8.428	1074	1078	1082	rVB3	227181	237450	2.10%	0.351%
42	8.533	1093	1096	1099	rVB	219743	185478	1.64%	0.274%
43	8.586	1099	1105	1108	rBV	435683	513263	4.55%	0.759%
44	8.781	1135	1138	1142	rVB2	110933	117948	1.04%	0.174%
45	8.863	1149	1152	1155	rBV	611086	445790	3.95%	0.659%
46	8.963	1165	1169	1172	rBV	509503	427122	3.78%	0.632%
47	9.098	1189	1192	1195	rBV	494213	479303	4.25%	0.709%
48	9.145	1198	1200	1204	rVB2	104896	123666	1.10%	0.183%
49	9.233	1209	1215	1218	rVB	6008061	6140741	54.39%	9.081%
50	9.728	1294	1299	1302	rBV	156117	182205	1.61%	0.269%
51	9.904	1326	1329	1333	rVB	1792394	1590413	14.09%	2.352%
52	10.698	1459	1464	1467	rBV	3243834	3027507	26.82%	4.477%
53	11.392	1578	1582	1585	rBV	1451221	1201249	10.64%	1.776%
54	11.916	1667	1671	1675	rBV	310035	293375	2.60%	0.434%
55	12.657	1794	1797	1800	rVB	158386	125653	1.11%	0.186%
56	12.698	1801	1804	1811	rVV	113398	120463	1.07%	0.178%
57	12.974	1847	1851	1855	rBV	3835181	3664508	32.46%	5.419%
58	14.027	2026	2030	2033	rVB	900919	833402	7.38%	1.232%
59	15.492	2274	2279	2288	rVB	671679	814309	7.21%	1.204%

Sum of corrected areas: 67624450

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Data File : BF138405.D
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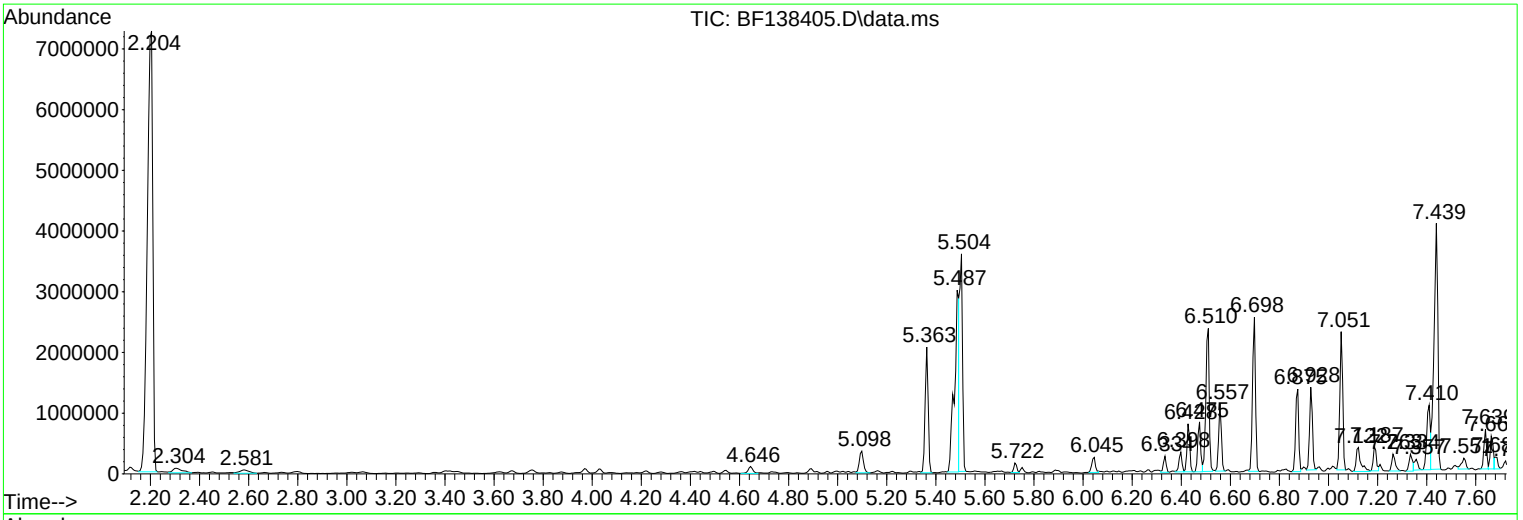
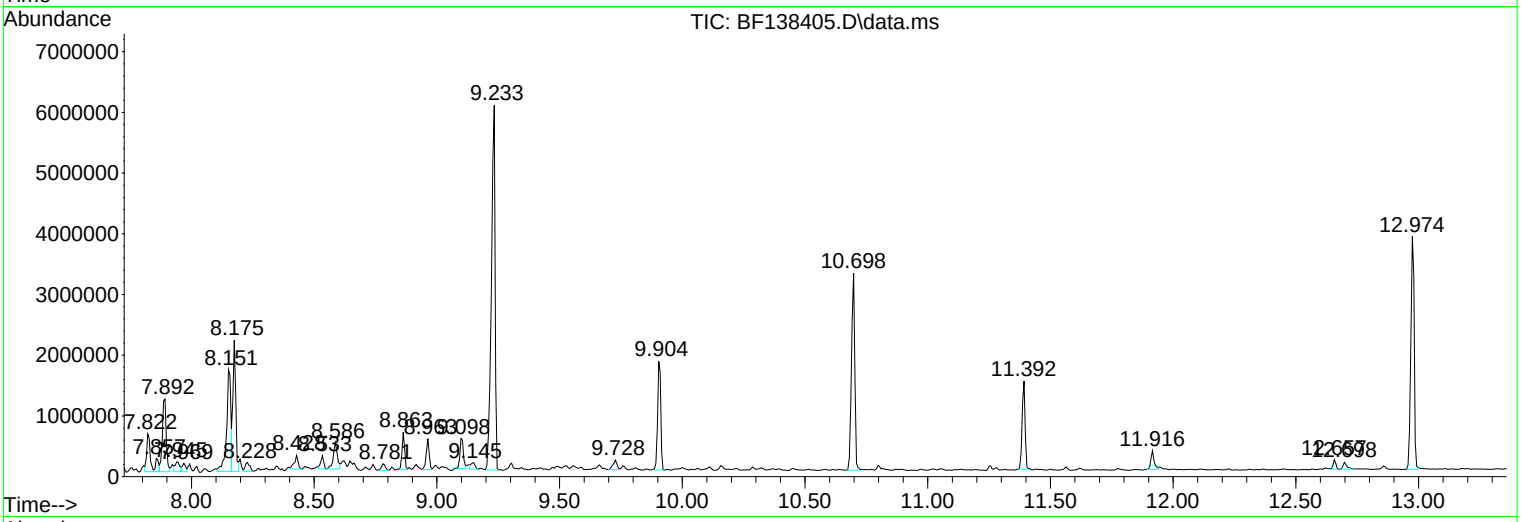
Misc :
ALS Vial : 12 Sample Multiplier: 1

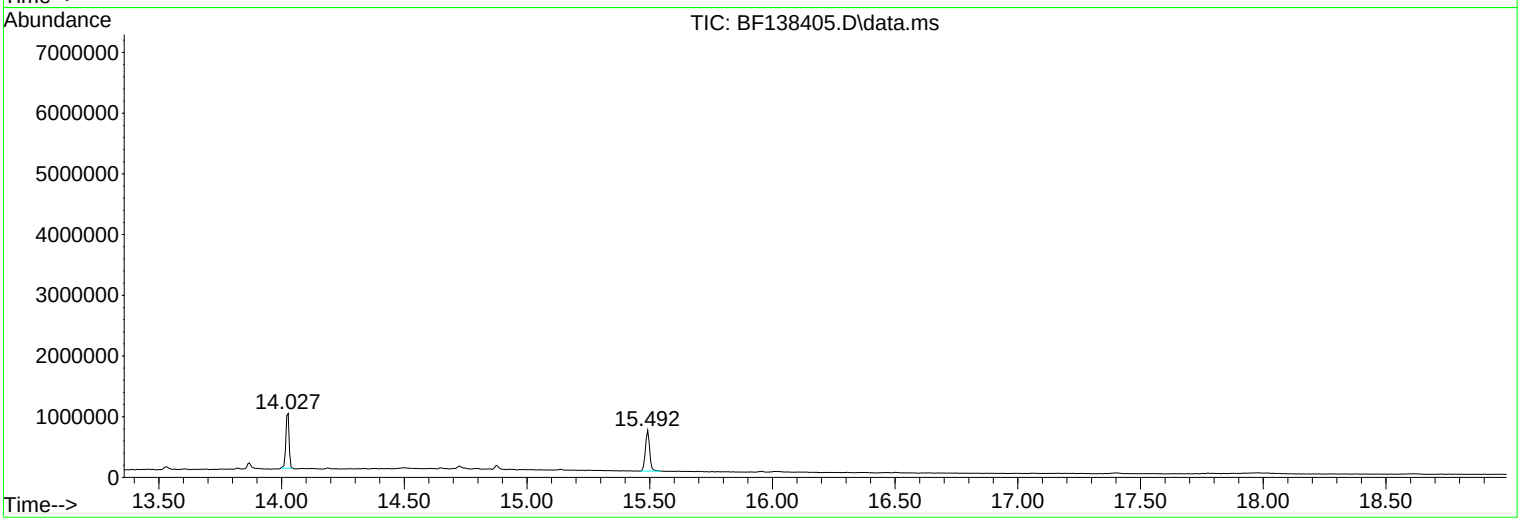
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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\BF070124\
Data File : BF138405.D
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Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

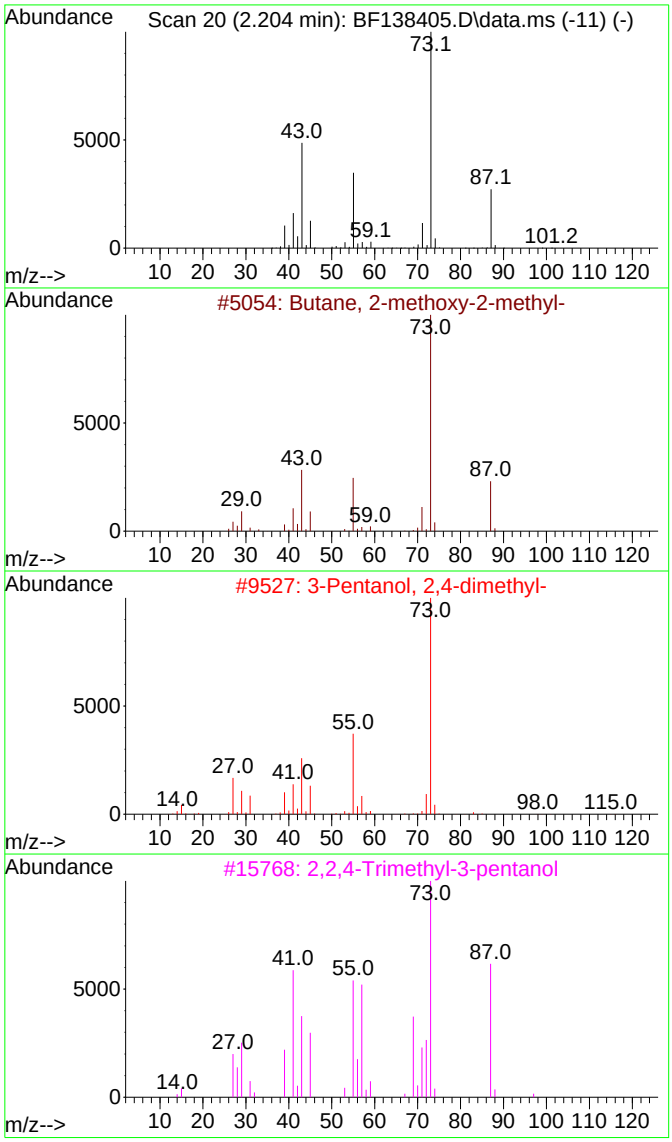
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

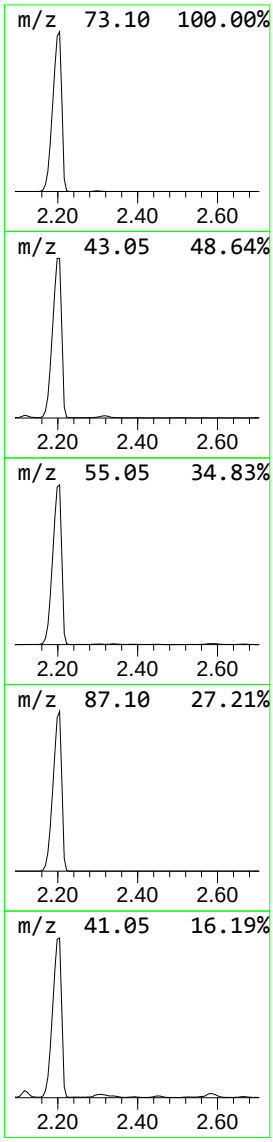
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.204	189.08 ng	11289200	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

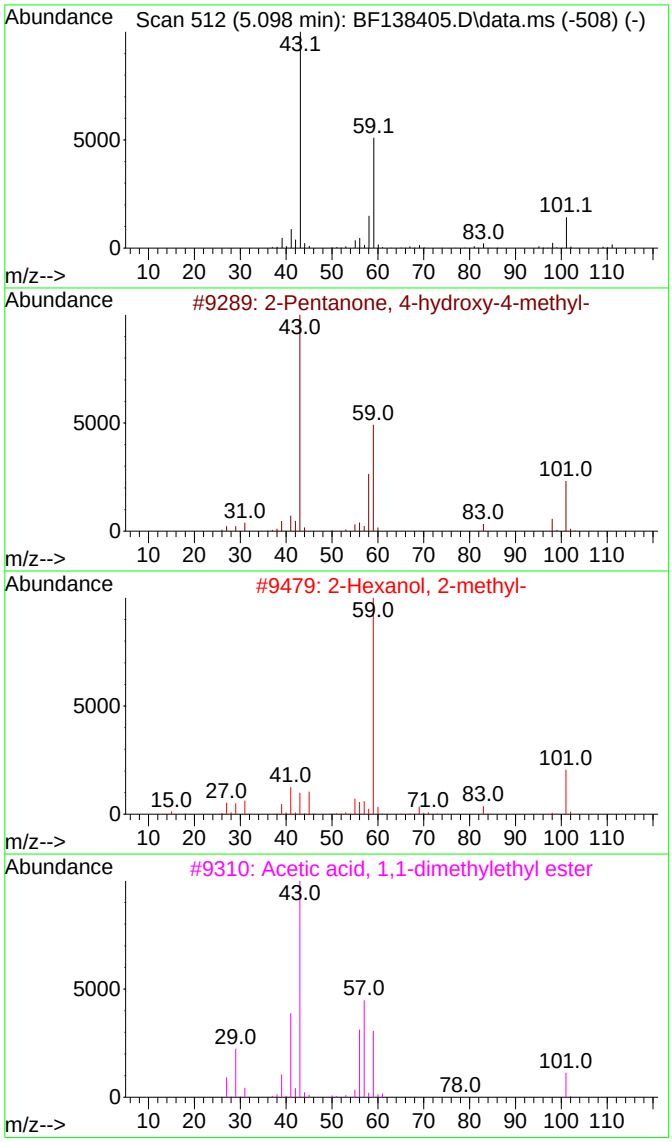
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

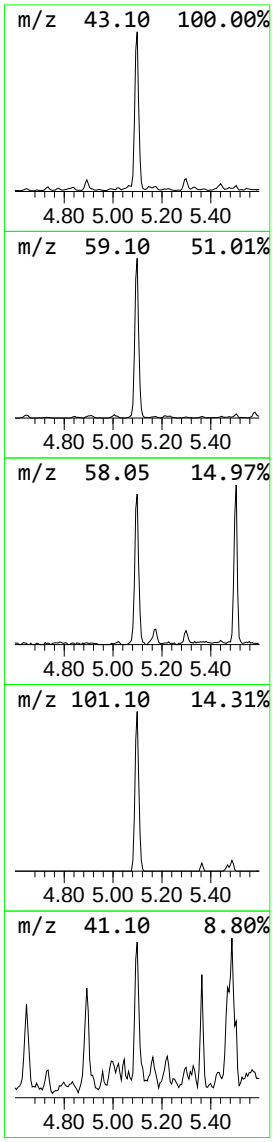
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	6.82 ng	406999	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

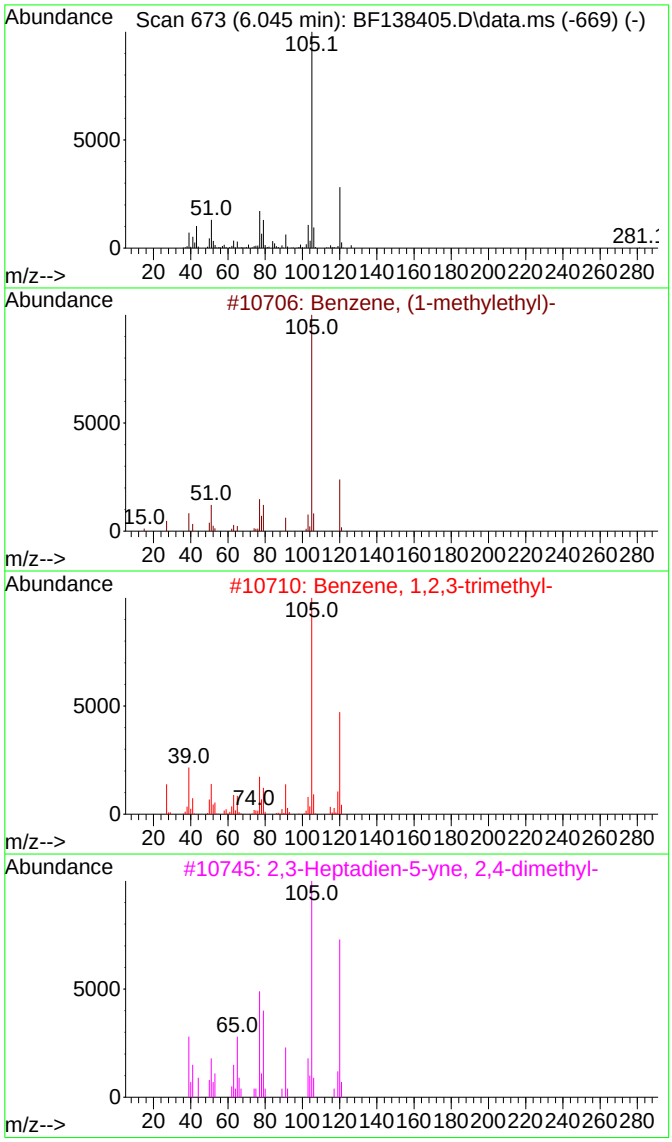
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

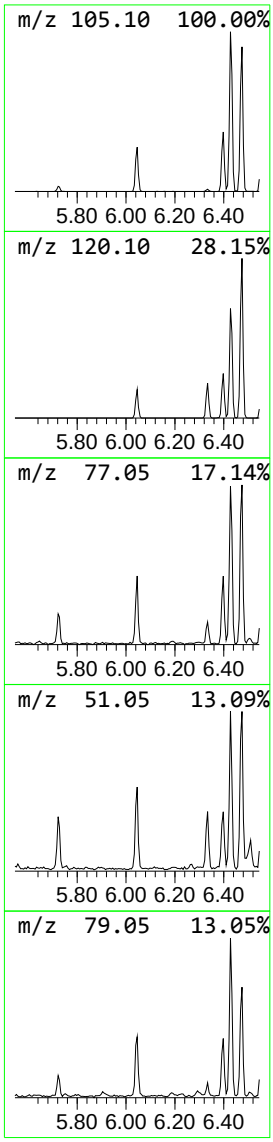
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.045	4.39 ng	262222	1,4-Dichlorobenzene-d4	6.875

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	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	72
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

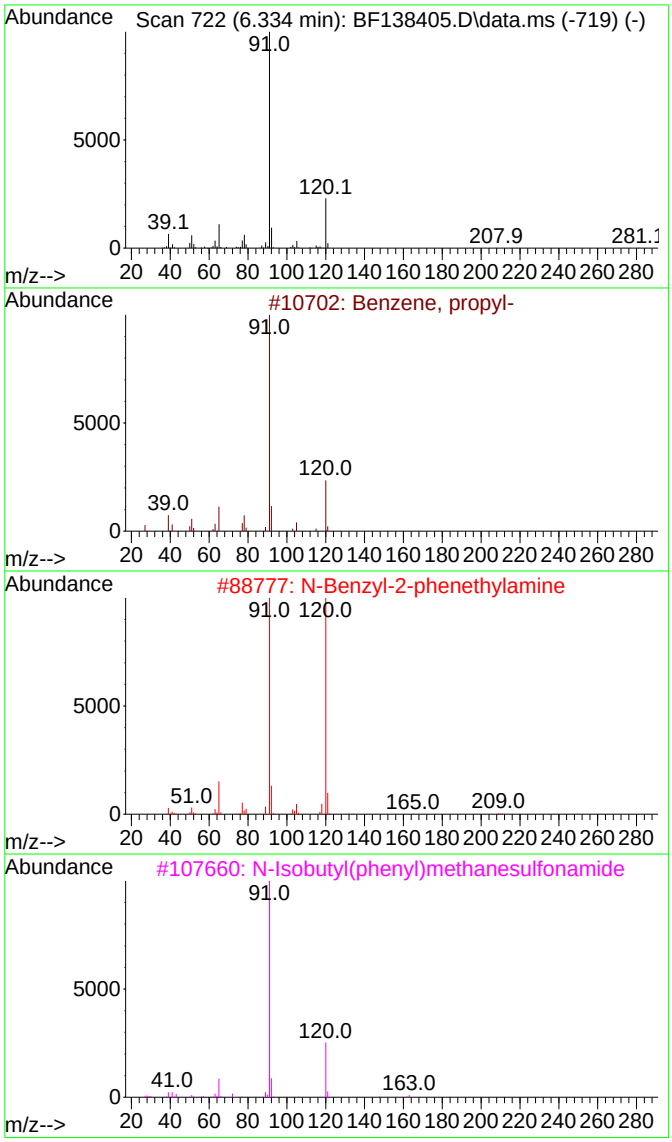
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

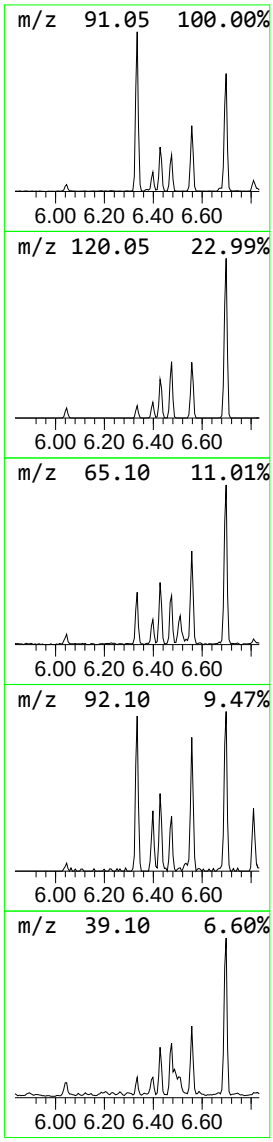
****

Peak Number 5 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	3.39 ng	202208	1,4-Dichlorobenzene-d4	6.875

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	78
3	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	50
5	Benzaldehyde, 4-(phenylmethoxy)-	212	C14H12O2	004397-53-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
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ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

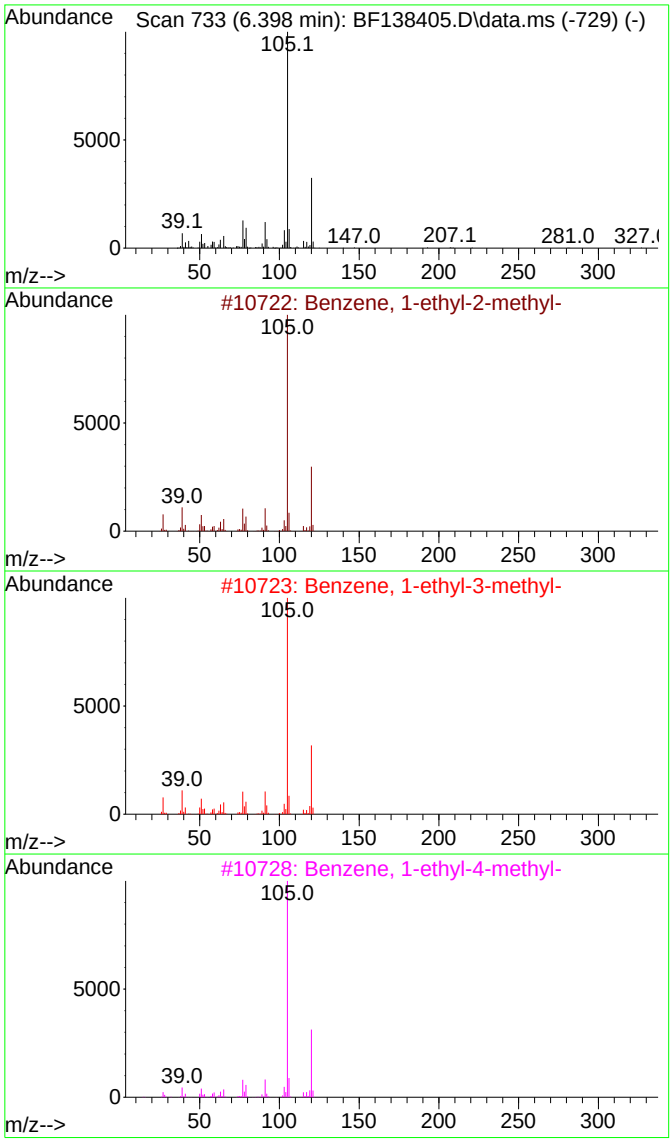
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

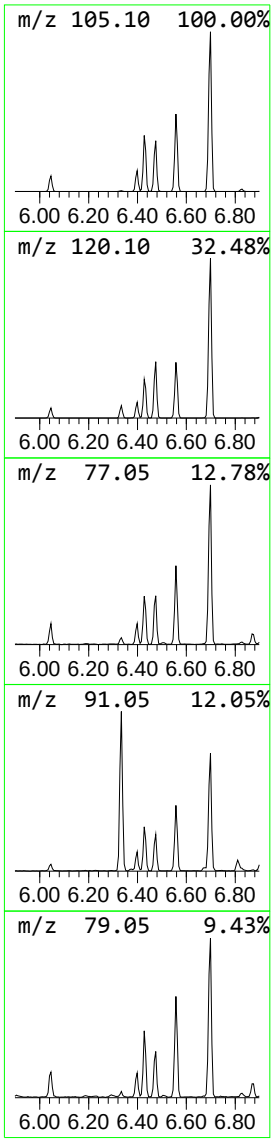
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	4.59 ng	273808	1,4-Dichlorobenzene-d4	6.875

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

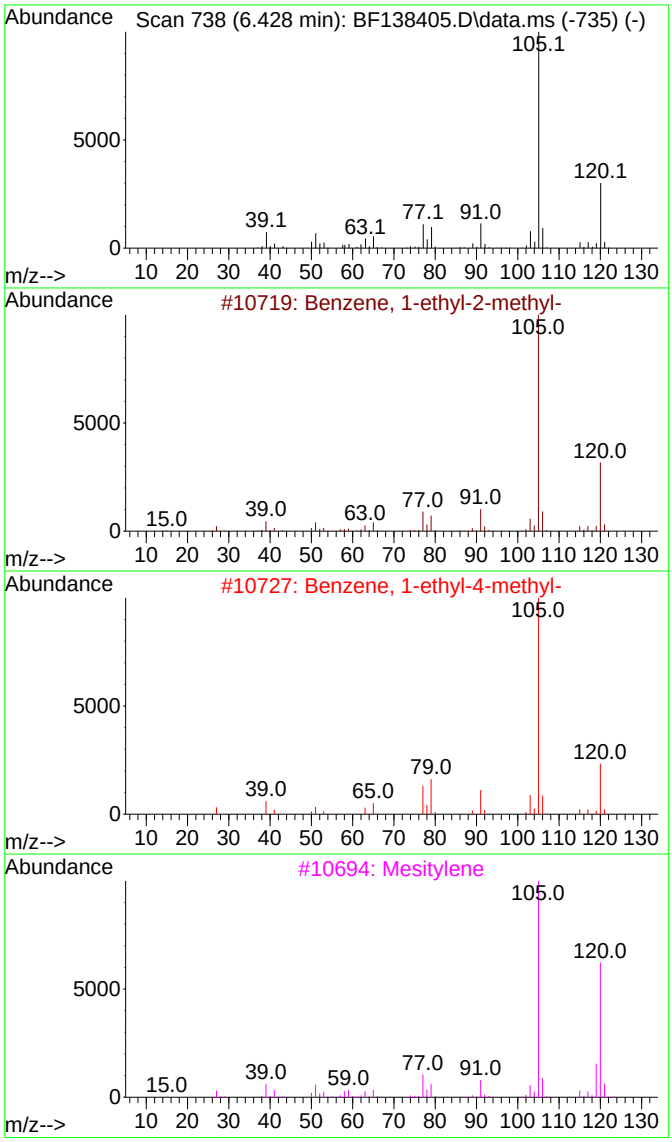
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

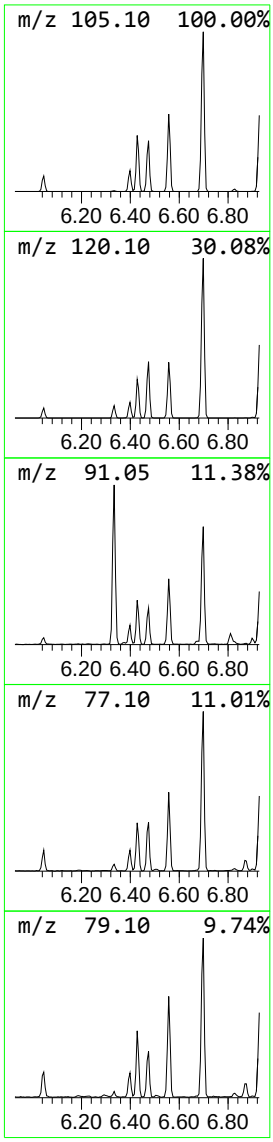
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	10.45 ng	624138	1,4-Dichlorobenzene-d4	6.875

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

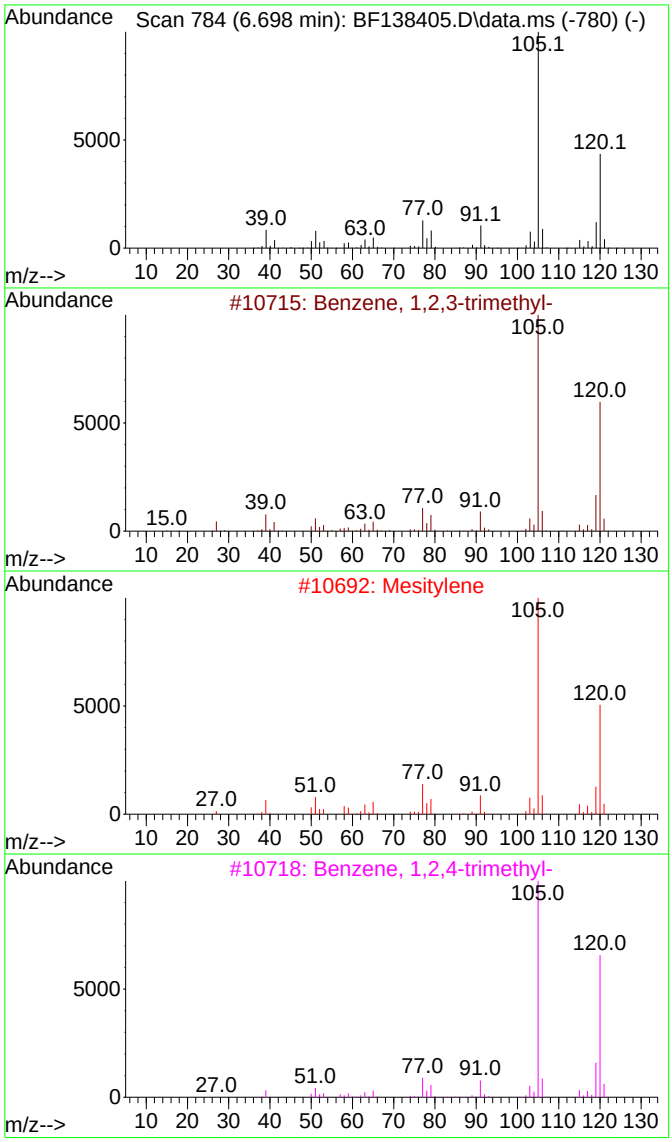
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

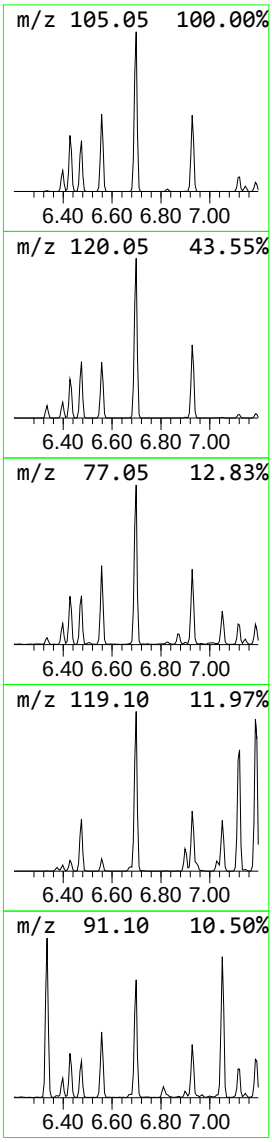
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	35.42 ng	2114700	1,4-Dichlorobenzene-d4	6.875

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-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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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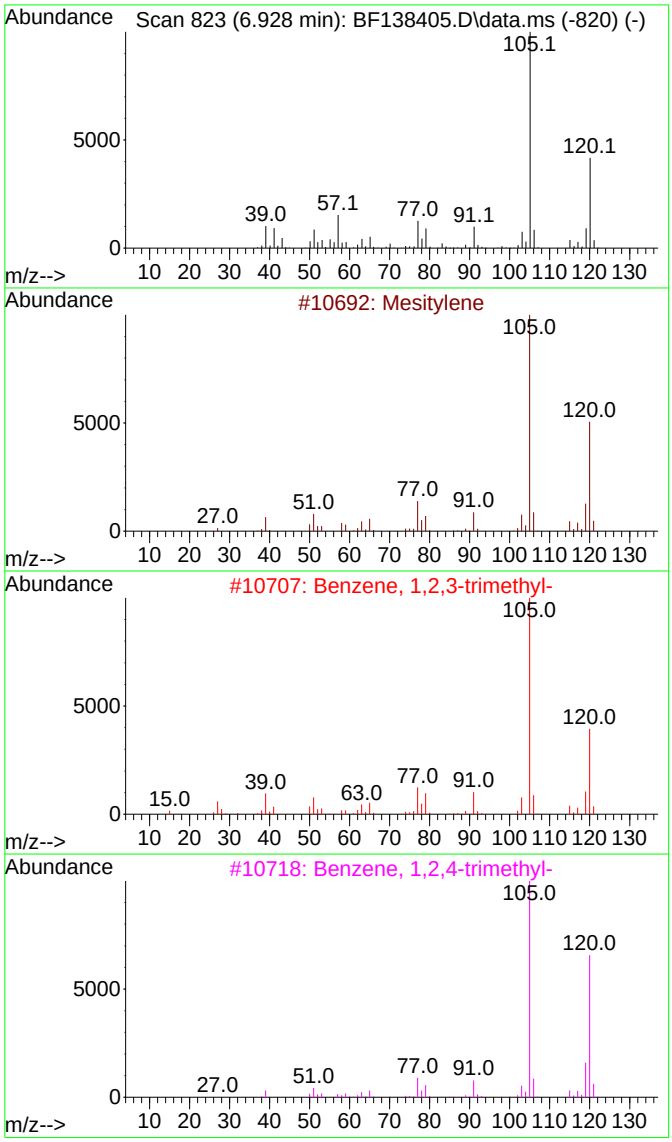
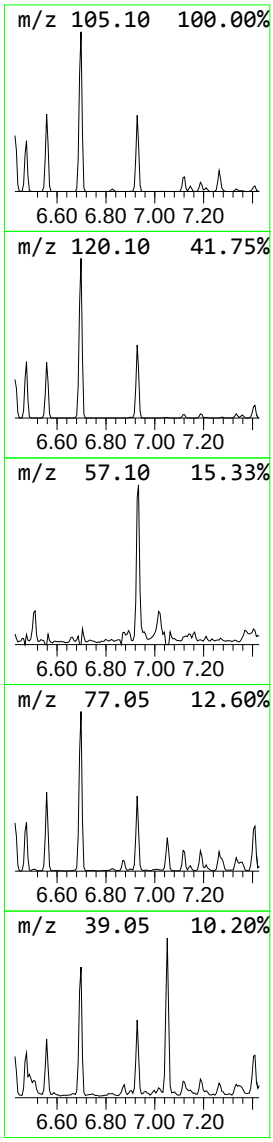
Peak Number 9 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	18.54 ng	1106690	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
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-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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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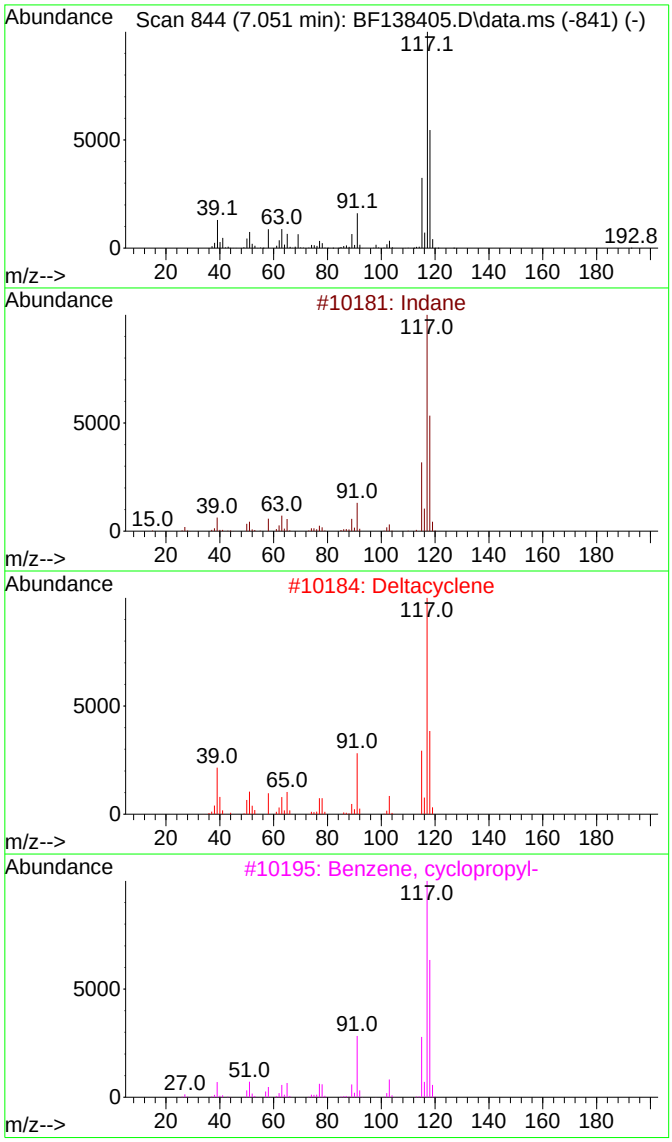
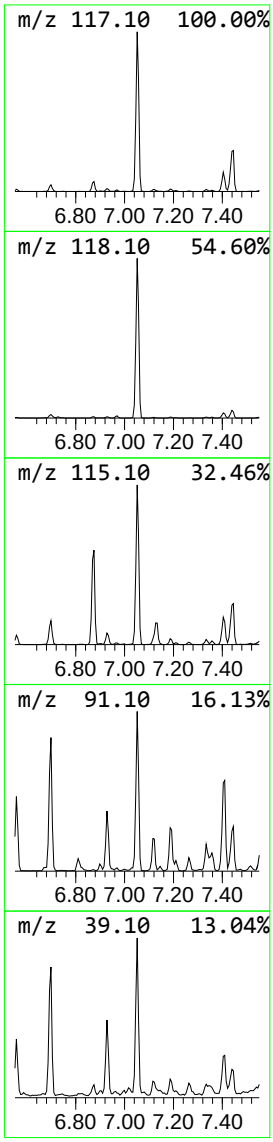
Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	31.15 ng	1859550	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





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

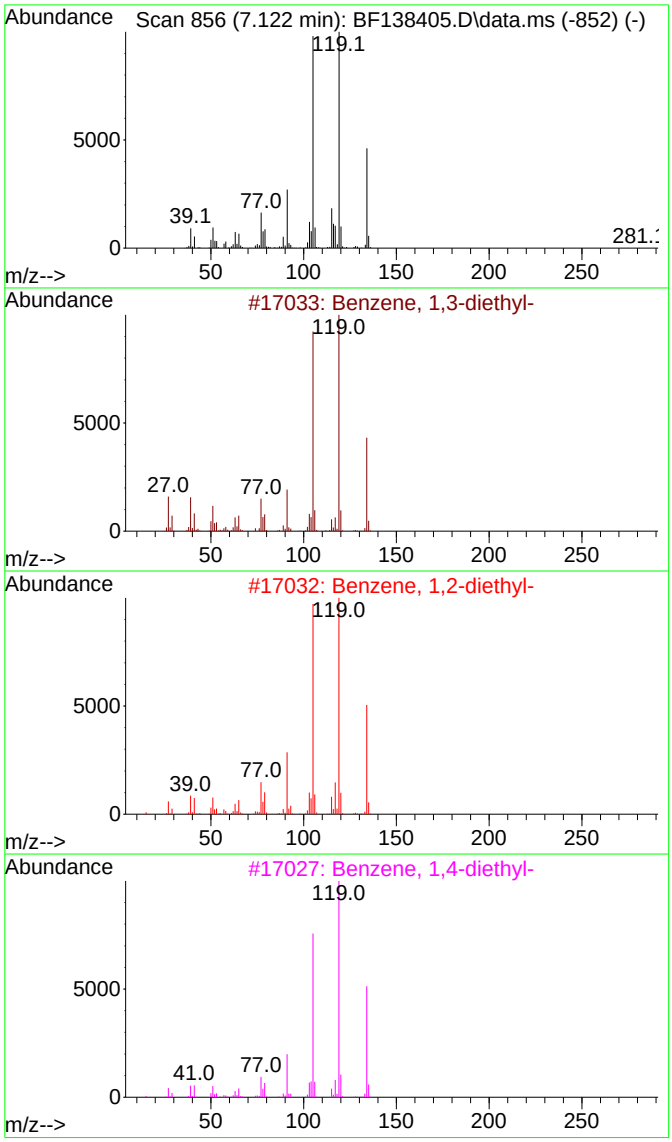
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

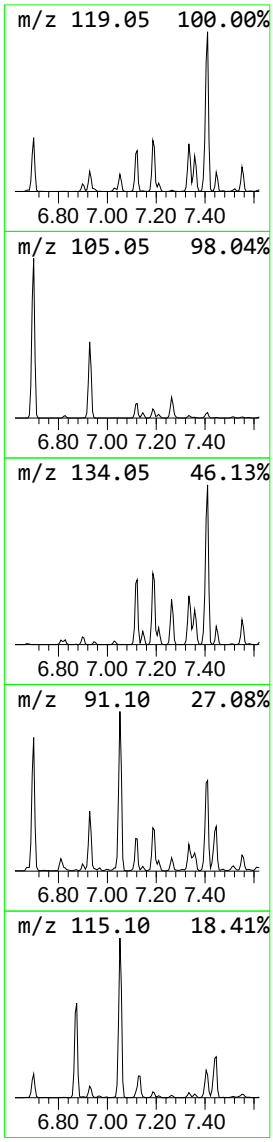
****

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	8.67 ng	517529	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72





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Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

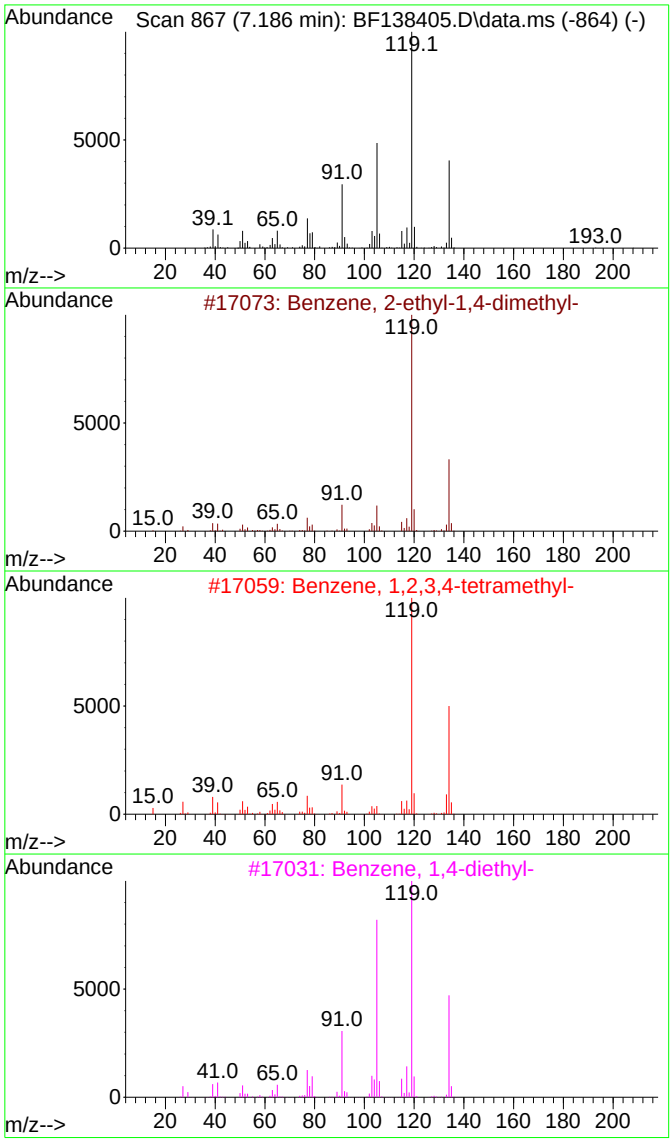
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

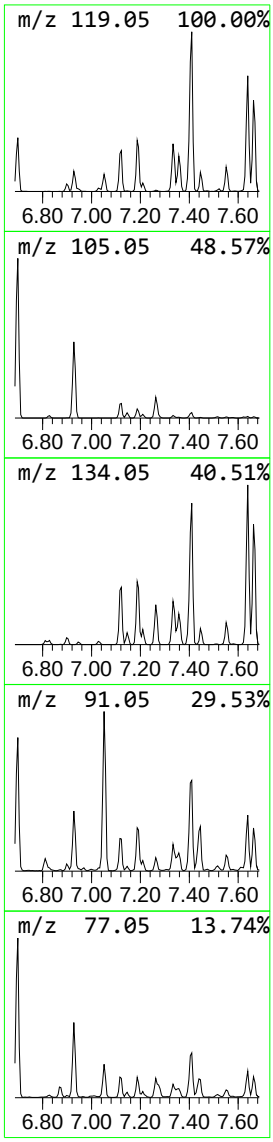
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.186	6.07 ng	362207	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW2-20240627

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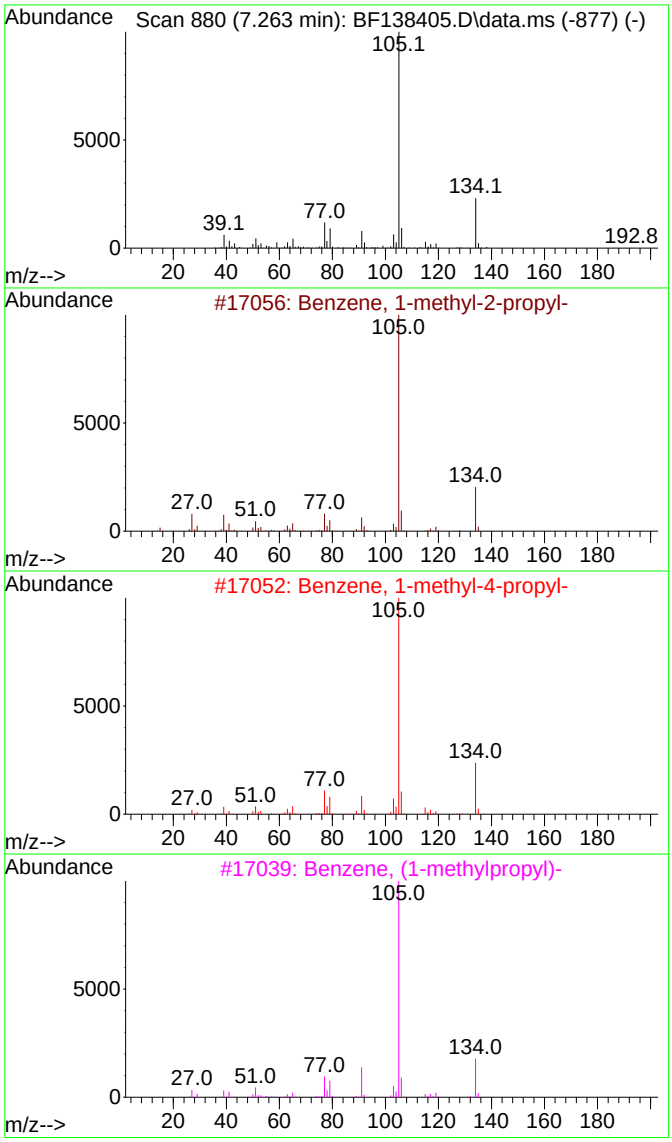
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

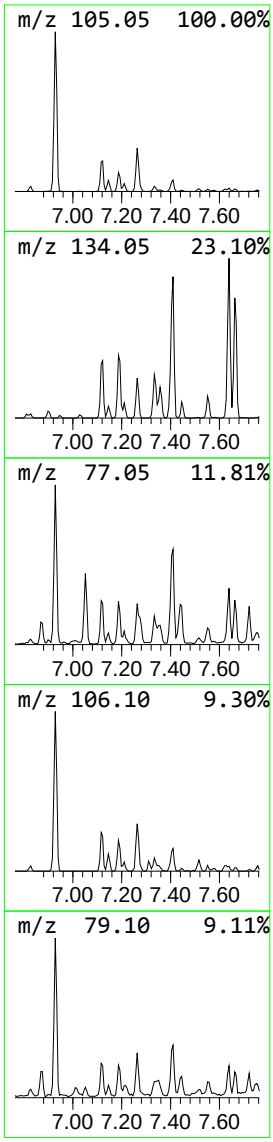
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-2-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	4.70 ng	280630	1,4-Dichlorobenzene-d4	6.875

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





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Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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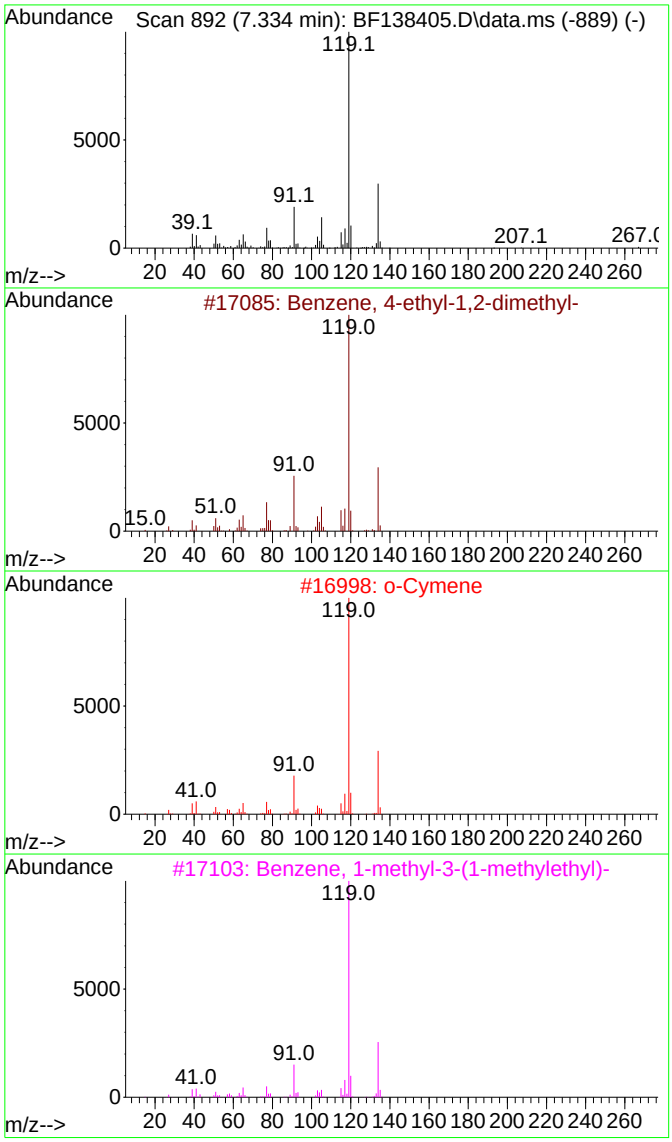
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

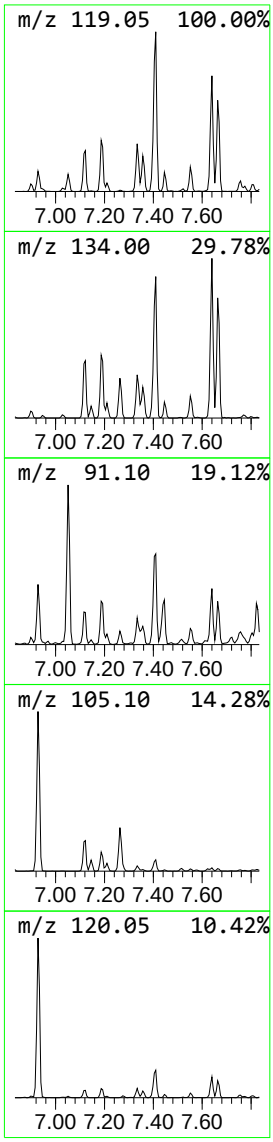
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.334	4.71 ng	281060	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	p-Cymene	134	C10H14	000099-87-6	94





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Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

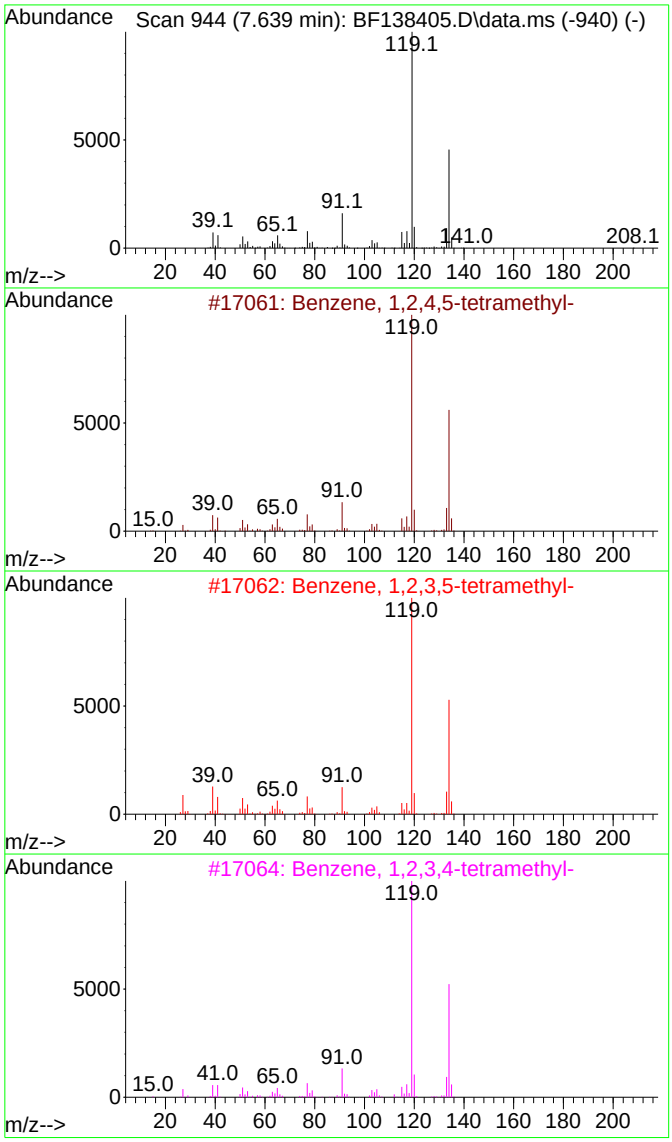
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

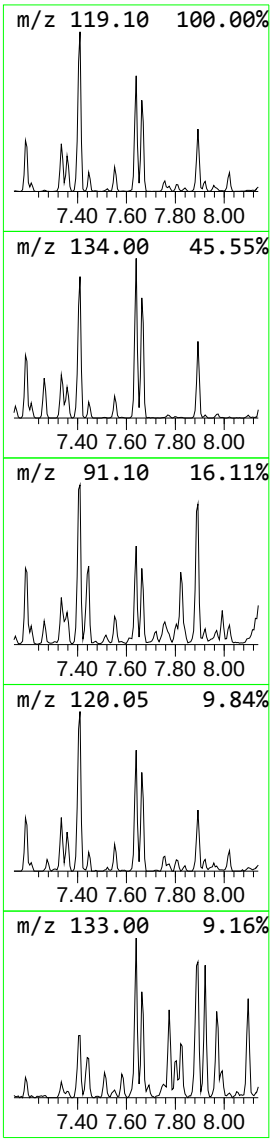
****

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.639	4.89 ng	496301	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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ALS Vial : 12 Sample Multiplier: 1

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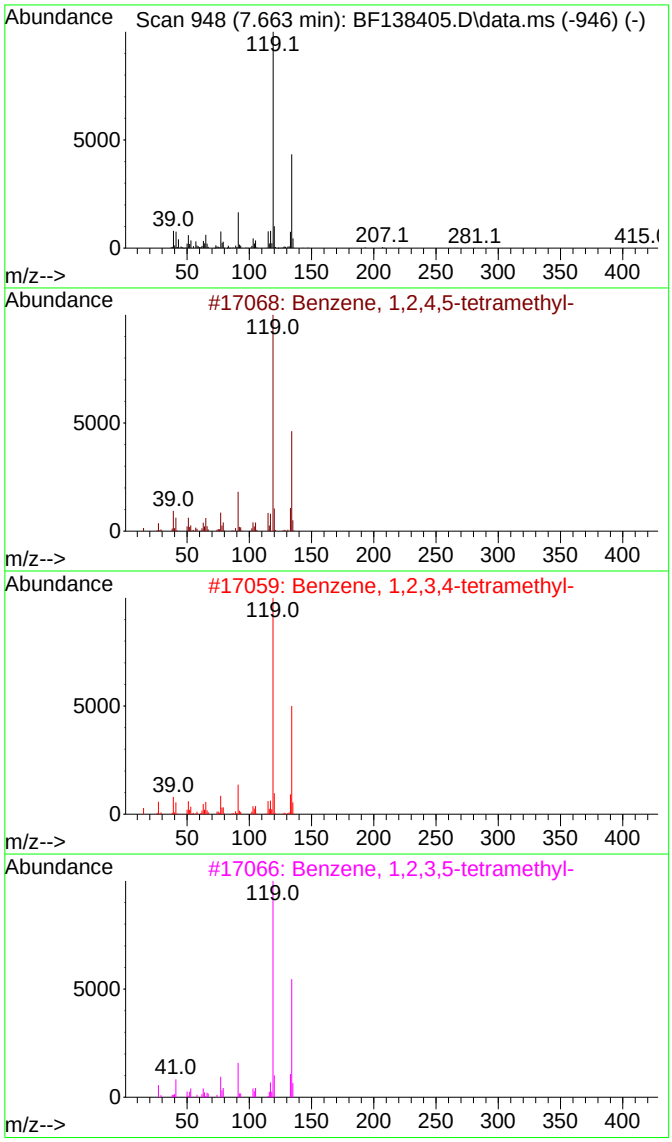
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

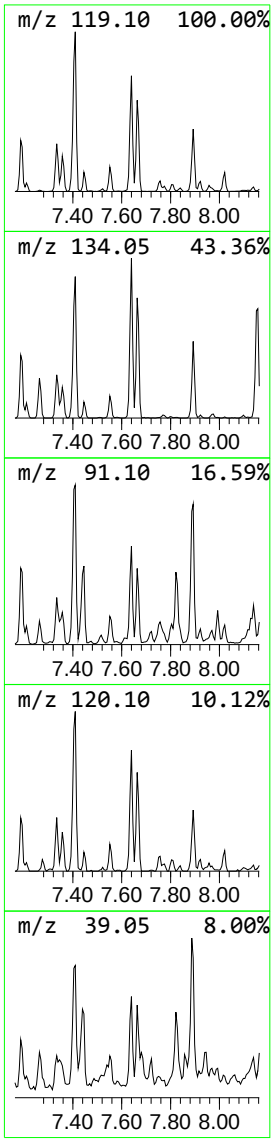
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.663	4.70 ng	476638	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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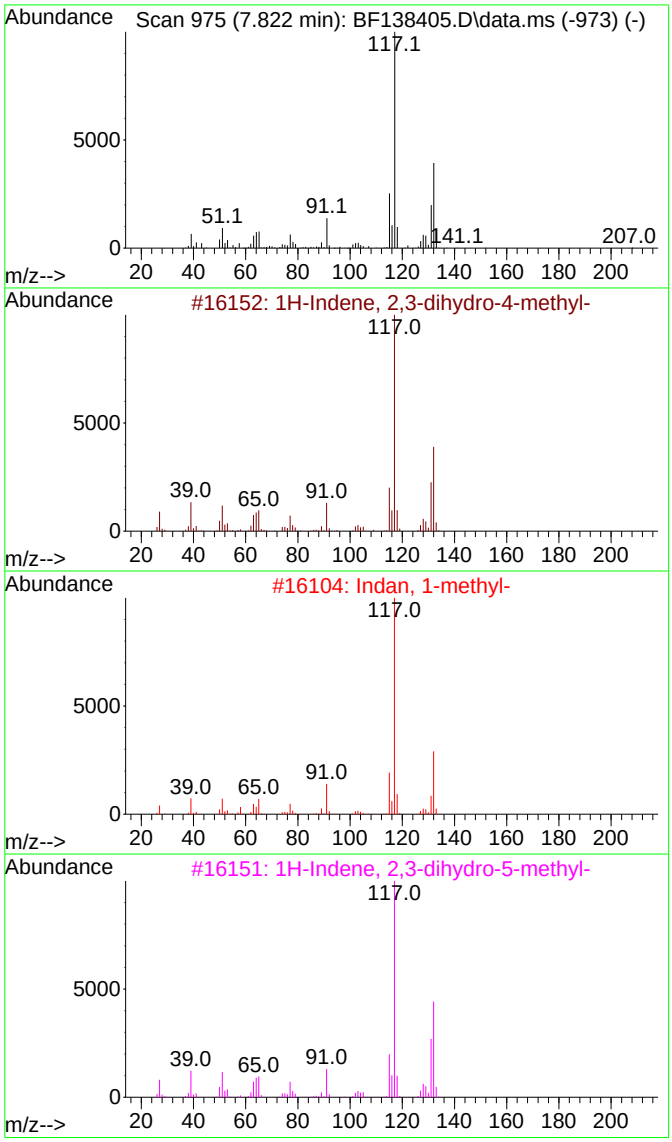
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

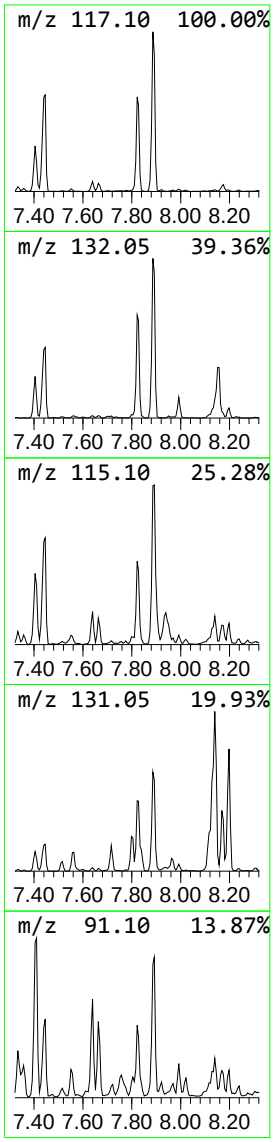
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.822	5.79 ng	586958	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	78





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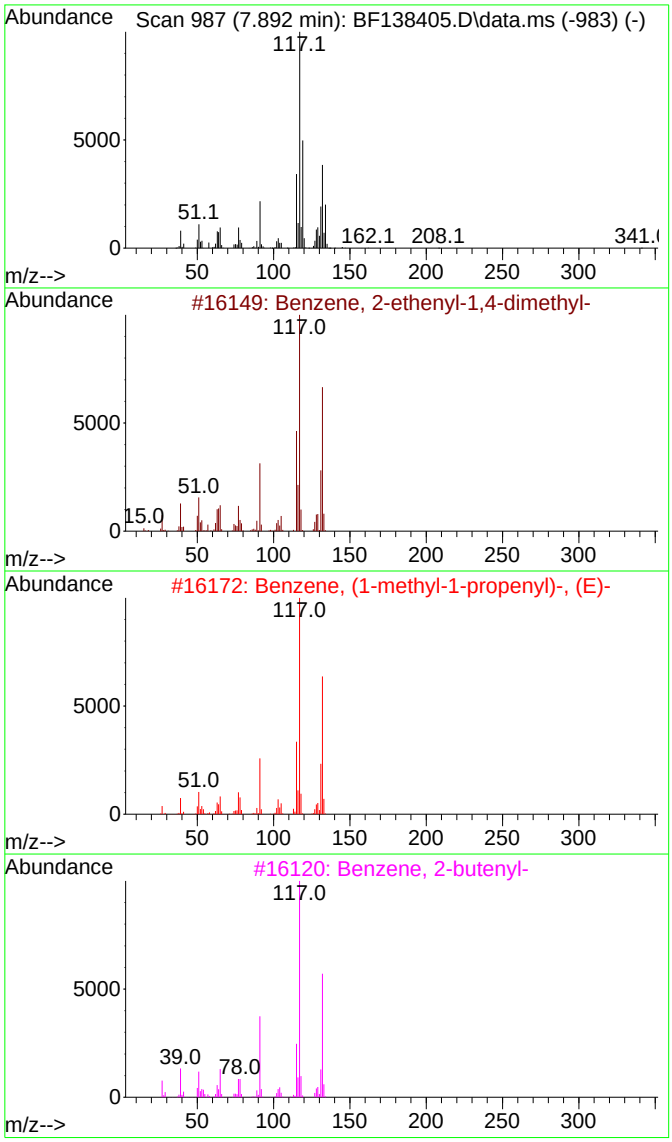
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

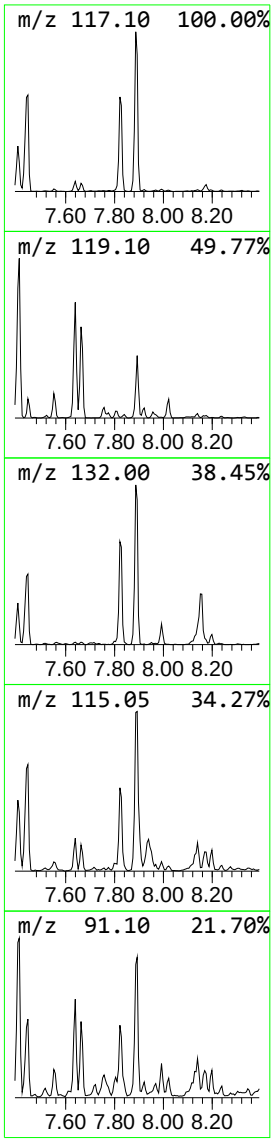
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.892	12.54 ng	1271820	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70





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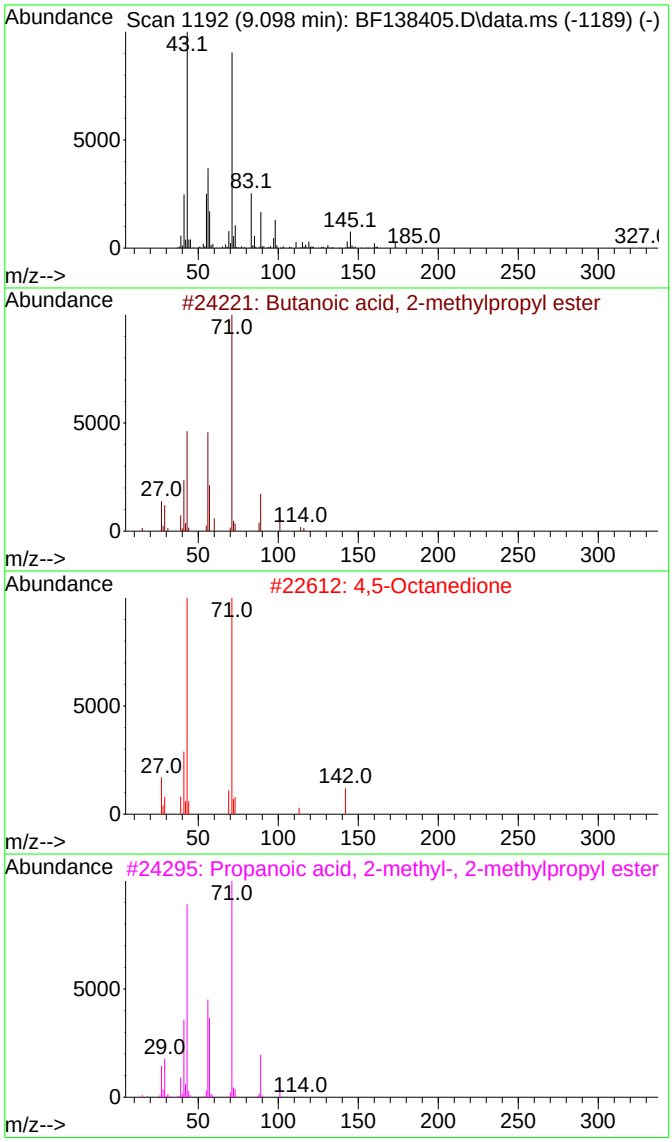
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

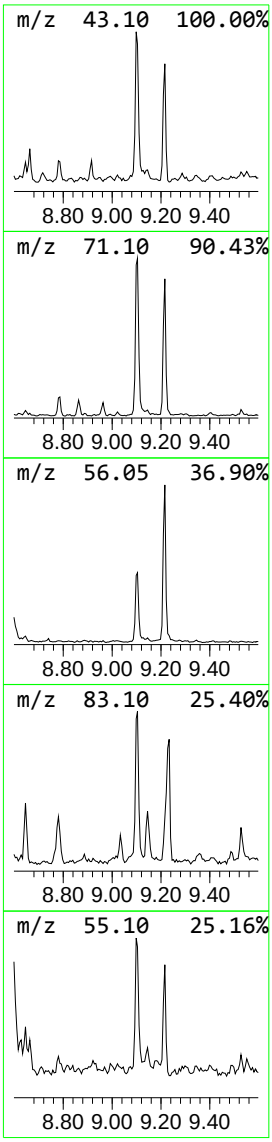
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Butanoic acid, 2-methylprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	6.03 ng	479303	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53
2	4,5-Octanedione	142	C8H14O2	005455-24-3	43
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	42
4	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	38
5	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

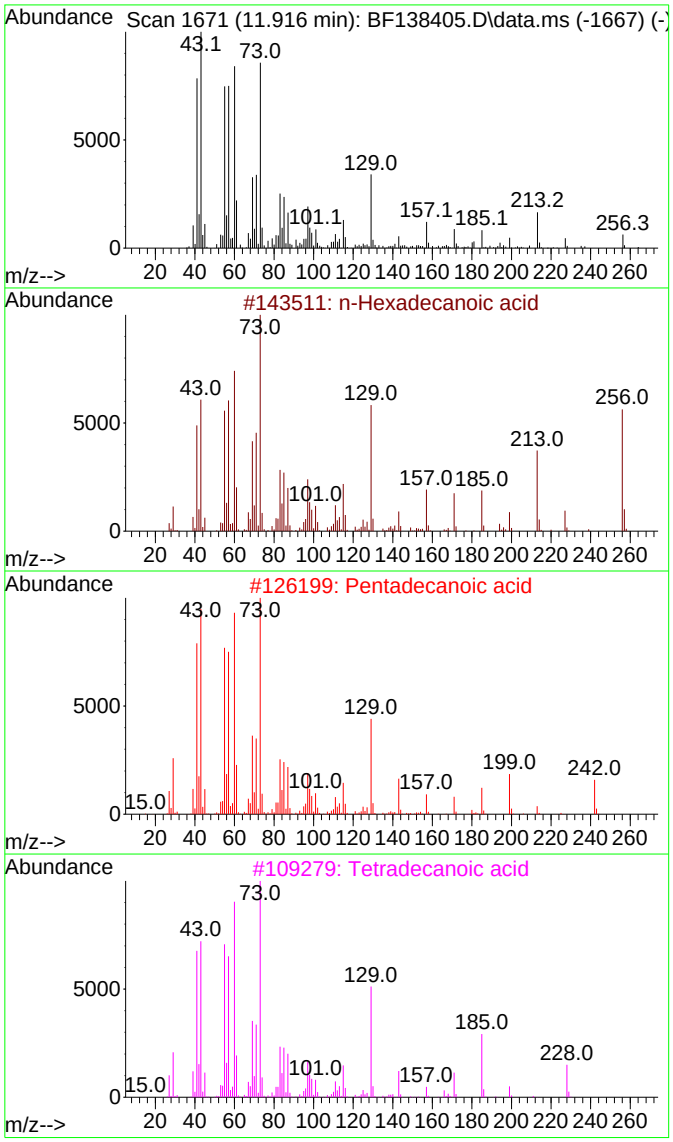
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

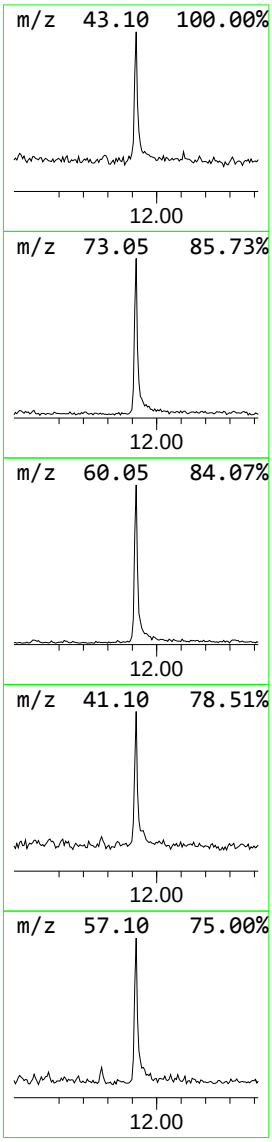
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.88 ng	293375	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Nonanoic acid	158	C9H18O2	000112-05-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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
Butane, 2-metho...	2.204	189.1	ng	11289200	1	6.875	1194120	20.0
2-Pentanone, 4-...	5.098	6.8	ng	406999	1	6.875	1194120	20.0
Benzene, (1-met...	6.045	4.4	ng	262222	1	6.875	1194120	20.0
Benzene, propyl-	6.334	3.4	ng	202208	1	6.875	1194120	20.0
Benzene, 1-ethy...	6.398	4.6	ng	273808	1	6.875	1194120	20.0
Benzene, 1-ethy...	6.428	10.4	ng	624138	1	6.875	1194120	20.0
Benzene, 1,2,3-...	6.698	35.4	ng	2114700	1	6.875	1194120	20.0
Mesitylene	6.928	18.5	ng	1106690	1	6.875	1194120	20.0
Indane	7.051	31.1	ng	1859550	1	6.875	1194120	20.0
Benzene, 1,3-di...	7.122	8.7	ng	517529	1	6.875	1194120	20.0
Benzene, 2-ethy...	7.186	6.1	ng	362207	1	6.875	1194120	20.0
Benzene, 1-meth...	7.263	4.7	ng	280630	1	6.875	1194120	20.0
Benzene, 4-ethy...	7.334	4.7	ng	281060	1	6.875	1194120	20.0
Benzene, 1,2,4,...	7.639	4.9	ng	496301	2	8.151	2027800	20.0
Benzene, 1,2,3,...	7.663	4.7	ng	476638	2	8.151	2027800	20.0
1H-Indene, 2,3-...	7.822	5.8	ng	586958	2	8.151	2027800	20.0
Benzene, 2-ethe...	7.892	12.5	ng	1271820	2	8.151	2027800	20.0
Butanoic acid, ...	9.098	6.0	ng	479303	3	9.904	1590410	20.0
n-Hexadecanoic ...	11.916	4.9	ng	293375	4	11.392	1201250	20.0