LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-111523B

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136739.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.004	143	156	160	rBV	71230	156350	4.38%	0.274%
2	3.493	227	239	245	rBV	149630	293270	8.22%	0.514%
3	3.628	252	262	268	rBV	113927	200934	5.63%	0.353%
4	3.704	268	275	282	rVB	103444	166660	4.67%	0.292%
5	3.857	288	301	305	rBV	577693	846303	23.72%	1.485%
6	4.116	336	345	350	rBV	154544	202012	5.66%	0.354%
7	4.434	395	399	406	rVB	109603	145280	4.07%	0.255%
8	4.934	475	484	490	rBV2	121903	189701	5.32%	0.333%
9	5.275	538	542	547	rVV	1045764	1008591	28.27%	1.769%
10	5.387	555	561	563	rVV	1831182	2240565	62.80%	3.931%
11	5.422	565	567	571	rVV	1199588	1085564	30.43%	1.904%
12	5.457	571	573	576	rVV	150794	135079	3.79%	0.237%
13	5.522	580	584	587	rVV	182052	161903	4.54%	0.284%
14	5.640	600	604	606	rVV	455967	437289	12.26%	0.767%
15	5.663	606	608	611	rVV	169770	138153	3.87%	0.242%
16	5.851	636	640	644	rBV	227843	234432	6.57%	0.411%
17	5.957	655	658	661	rVB	916740	749717	21.01%	1.315%
18	6.034	668	671	677	rVV2	115280	131781	3.69%	0.231%
19	6.251	704	708	710	rVB	2469406	1987354	55.71%	3.486%
20	6.281	710	713	716	rVB	473127	441418	12.37%	0.774%
21	6.316	716	719	721	rBV	768860	688268	19.29%	1.207%
22	6.345	721	724	727	rVB	957539	744547	20.87%	1.306%
23	6.387	727	731	735	rBV	1114737	1143743	32.06%	2.006%
24	6.434	735	739	742	rVB	1198537	1003886	28.14%	1.761%
25	6.469	742	745	750	rVB	611432	553677	15.52%	0.971%
26	6.616	765	770	773	rBV	3112244	2847112	79.80%	4.995%
27	6.722	782	788	789	rBV	469749	397686	11.15%	0.698%
28	6.740	789	791	794	rVV	443821	372999	10.46%	0.654%
29	6.787	794	799	805	rVV3	496902	611275	17.13%	1.072%
30	6.840	805	808	810	rVV	799521	652672	18.29%	1.145%
31	6.904	815	819	821	rVV	140699	158003	4.43%	0.277%
32	6.928	821	823	826	rVV3	143619	183885	5.15%	0.323%
33	6.963	826	829	832	rVB	1038366	786028	22.03%	1.379%
34	7.034	837	841	843	rVV	2108669	1682809	47.17%	2.952%
35	7.057	843	845	849	rVV	420580	344776	9.66%	0.605%
36	7.104	849	853	855	rVV	2102009	1763003	49.42%	3.093%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
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Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.122	855	856	859	rVV	442485	246636	6.91%	0.433%
38	7.175	861	865	869	rVV	252381	224280	6.29%	0.393%
39	7.245	874	877	879	rVV	351569	295774	8.29%	0.519%
40	7.269	879	881	884	rVV	318153	246976	6.92%	0.433%
41	7.322	885	890	892	rVV	3414543	3197561	89.63%	5.610%
42	7.351	892	895	898	rVV2	981709	995487	27.90%	1.746%
43	7.422	903	907	911	rBV5	211329	218333	6.12%	0.383%
44	7.463	911	914	916	rBV2	133238	123737	3.47%	0.217%
45	7.551	923	929	931	rVV	1796053	1559880	43.72%	2.737%
46	7.575	931	933	937	rVB	532380	464656	13.02%	0.815%
47	7.663	944	948	953	rBV	456966	496206	13.91%	0.871%
48	7.716	953	957	958	rVV4	145790	188515	5.28%	0.331%
49	7.734	958	960	965	rVV2	561946	607574	17.03%	1.066%
50	7.798	965	971	974	rVV2	1392614	1296756	36.35%	2.275%
51	7.834	974	977	979	rVV	268369	271313	7.60%	0.476%
52	7.881	981	985	987	rVV	276654	255454	7.16%	0.448%
53	7.928	990	993	997	rVB	430912	397372	11.14%	0.697%
54	8.063	1008	1016	1017	rVV2	552143	860802	24.13%	1.510%
55	8.081	1017	1019	1022	rVV2	853772	784910	22.00%	1.377%
56	8.145	1028	1030	1033	rVB	196272	157875	4.43%	0.277%
57	8.445	1077	1081	1083	rVB	184524	162569	4.56%	0.285%
58	8.481	1083	1087	1089	rBV2	147673	140804	3.95%	0.247%
59	8.651	1113	1116	1119	rBV2	186798	158693	4.45%	0.278%
60	8.775	1134	1137	1140	rVB	564592	430124	12.06%	0.755%
61	8.875	1150	1154	1157	rVV2	256083	276572	7.75%	0.485%
62	9.139	1195	1199	1202	rVB	1249980	1108585	31.07%	1.945%
63	9.216	1208	1212	1214	rBV	186904	177911	4.99%	0.312%
64	9.404	1240	1244	1247	rVB	248046	294994	8.27%	0.518%
65	9.475	1253	1256	1258	rVV	287680	263198	7.38%	0.462%
66	9.498	1258	1260	1262	rVV	163341	137008	3.84%	0.240%
67	9.539	1262	1267	1269	rVV2	182095	197646	5.54%	0.347%
68	9.592	1273	1276	1280	rVB2	131952	127660	3.58%	0.224%
69	9.751	1300	1303	1307	rVB	178358	149403	4.19%	0.262%
70	9.816	1311	1314	1317	rVV	523871	415790	11.65%	0.729%
71	9.851	1317	1320	1323	rVB3	125394	130988	3.67%	0.230%
72	9.922	1328	1332	1336	rVB2	102005	124627	3.49%	0.219%
73	10.016	1345	1348	1353	rVB2	133761	145404	4.08%	0.255%
74	10.057	1353	1355	1365	rVB4	111045	176671	4.95%	0.310%
75	10.251	1385	1388	1390	rVB2	200297	176895	4.96%	0.310%
76	10.610	1443	1449	1452	rVV	575401	556866	15.61%	0.977%

LSC Area Percent Report

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Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-111523B

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.728	1466	1469	1473	rBV2	233449	309878	8.69%	0.544%
78	11.116	1532	1535	1539	rBV2	144539	135003	3.78%	0.237%
79	11.175	1543	1545	1548	rVV	180825	149370	4.19%	0.262%
80	11.310	1564	1568	1570	rBV	404708	384971	10.79%	0.675%
81	11.333	1570	1572	1575	rVV	333955	268648	7.53%	0.471%
82	11.710	1632	1636	1639	rBV	951808	838084	23.49%	1.470%
83	11.845	1656	1659	1664	rVB2	470636	486770	13.64%	0.854%
84	11.922	1669	1672	1675	rVV	146369	161566	4.53%	0.283%
85	12.404	1750	1754	1756	rVV	3307889	3567596	100.00%	6.259%
86	12.427	1756	1758	1768	rVV	2368217	2171269	60.86%	3.809%
87	12.504	1768	1771	1773	rVV	493592	408119	11.44%	0.716%
88	12.527	1773	1775	1779	rVV	591953	727676	20.40%	1.277%
89	12.563	1779	1781	1789	rVV5	233630	385430	10.80%	0.676%
90	12.633	1790	1793	1799	rVV5	160533	179313	5.03%	0.315%
91	12.757	1809	1814	1817	rBV	527350	587044	16.45%	1.030%
92	12.904	1836	1839	1846	rVB	1084254	1026904	28.78%	1.802%
93	12.980	1848	1852	1859	rBV5	74936	134490	3.77%	0.236%
94	13.086	1868	1870	1873	rVB	127928	126757	3.55%	0.222%
95	13.963	2014	2019	2022	rVV2	510039	743593	20.84%	1.304%
96	13.992	2022	2024	2026	rVB	310045	231096	6.48%	0.405%
97	15.010	2194	2197	2200	rBV	200601	275506	7.72%	0.483%
98	15.315	2247	2249	2256	rVB	118703	145013	4.06%	0.254%
99	15.380	2257	2260	2266	rVB	174133	213976	6.00%	0.375%
100	15.445	2267	2271	2274	rBV	186806	214973	6.03%	0.377%

Sum of corrected areas: 57002275

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
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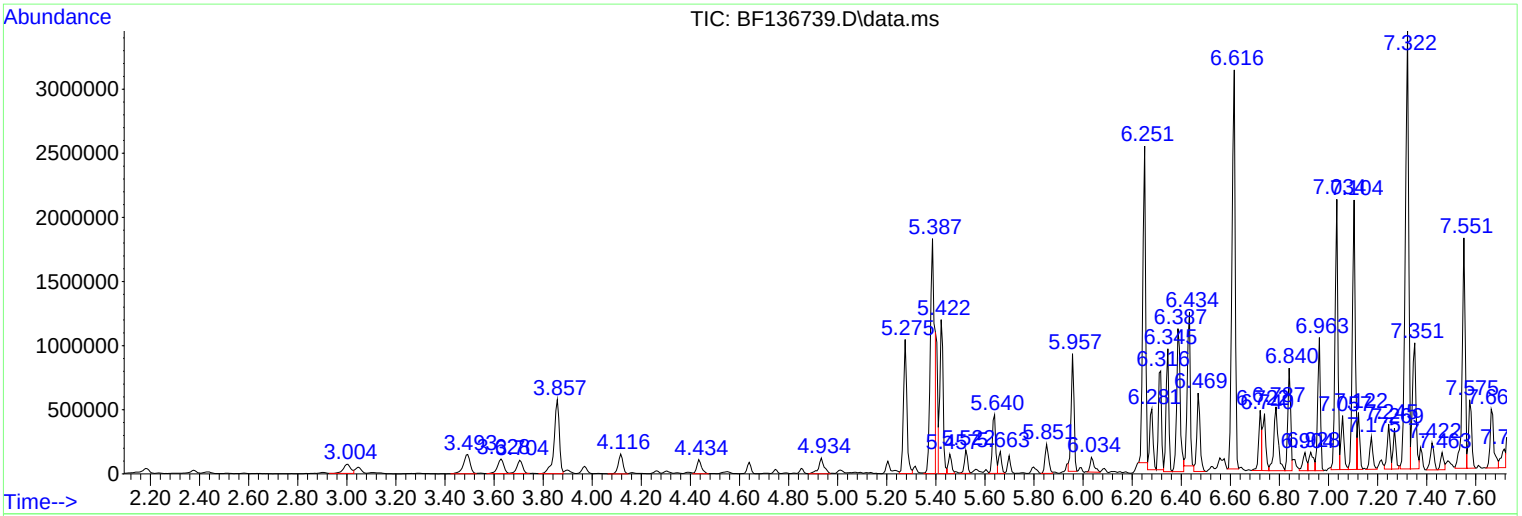
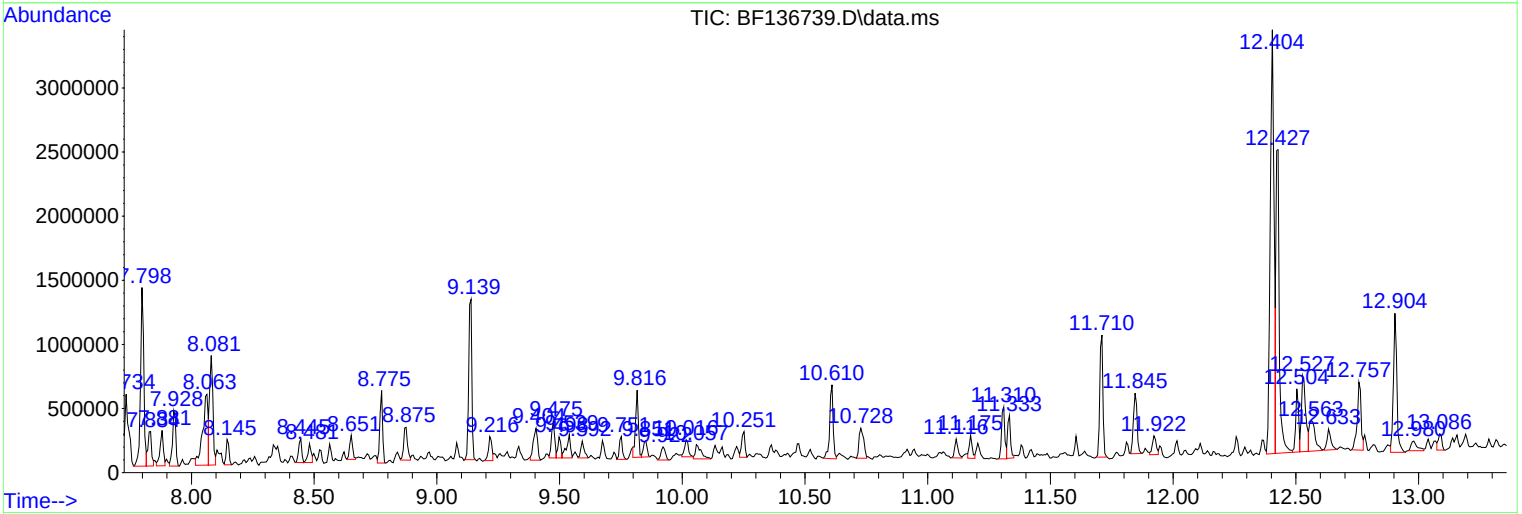
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

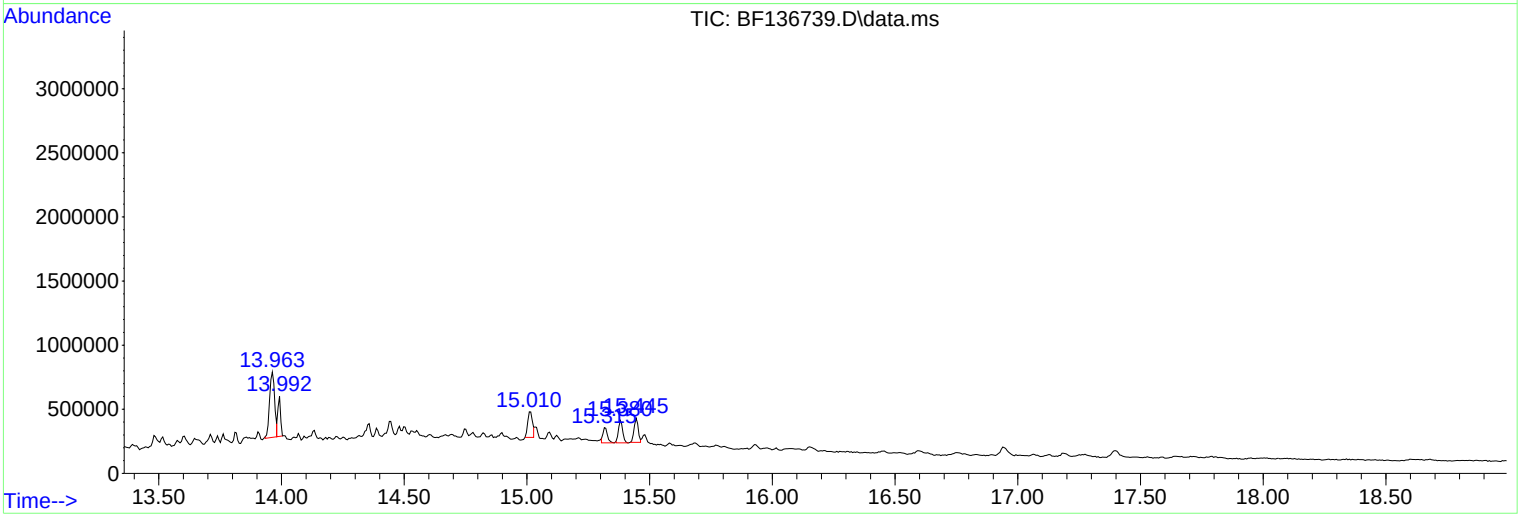
Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF122623\
Data File : BF136739.D
Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

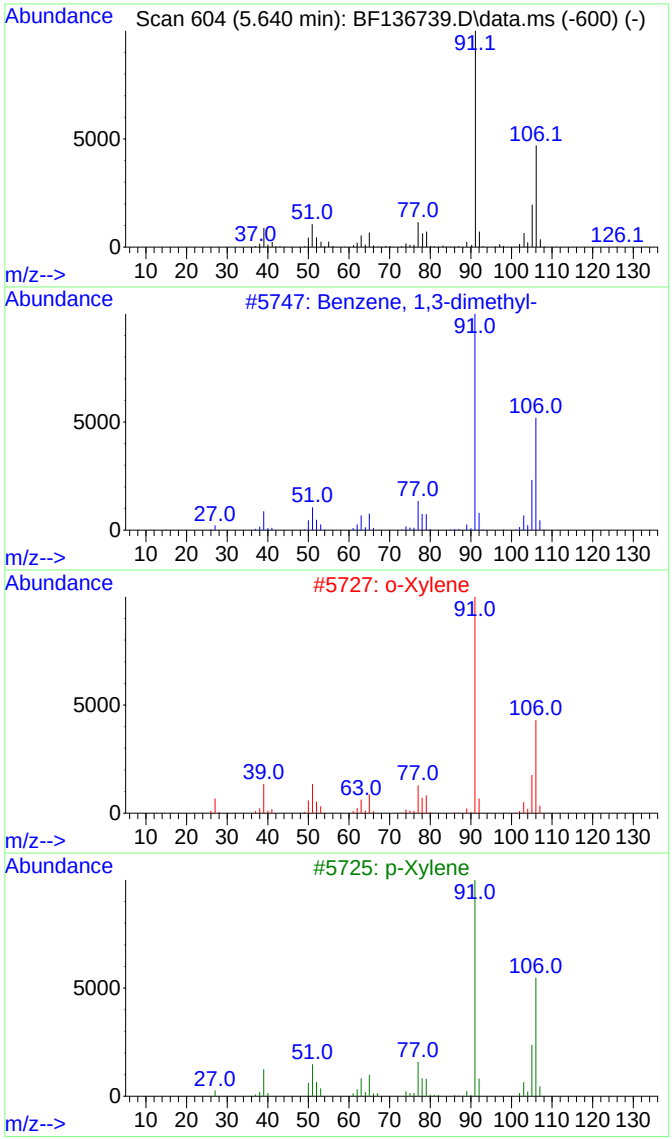
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

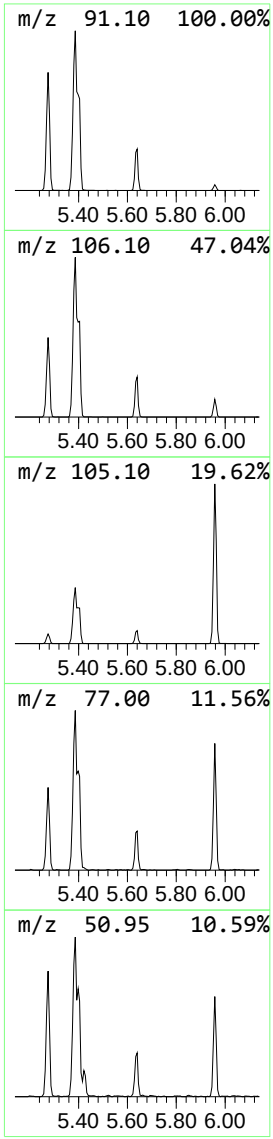
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	14.31 ng	437289	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

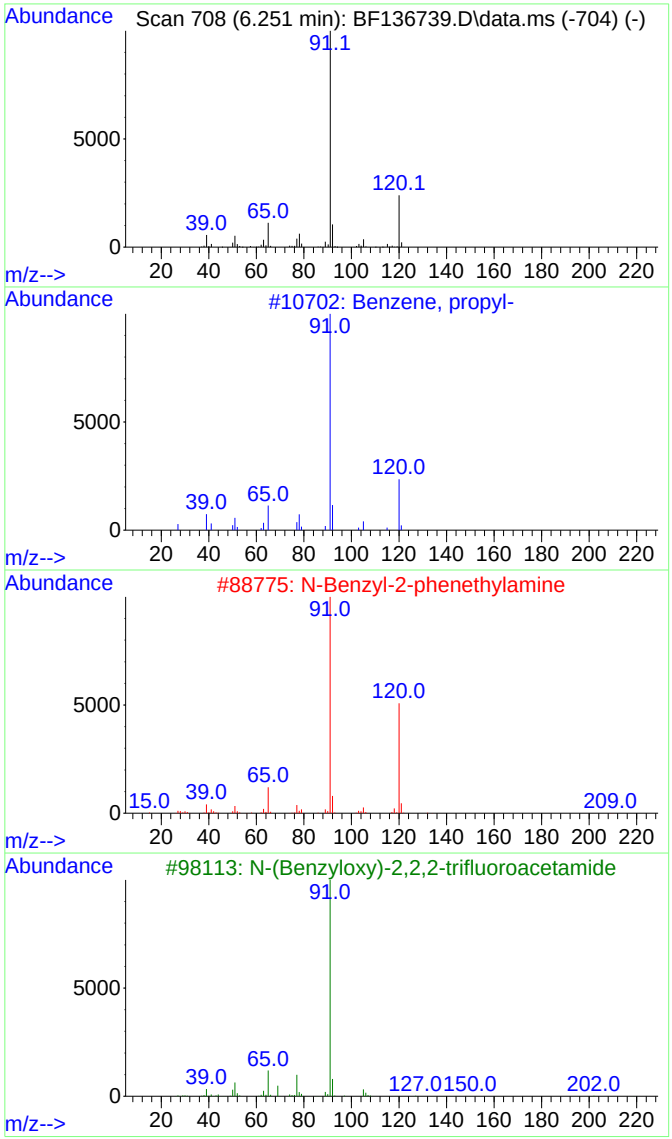
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

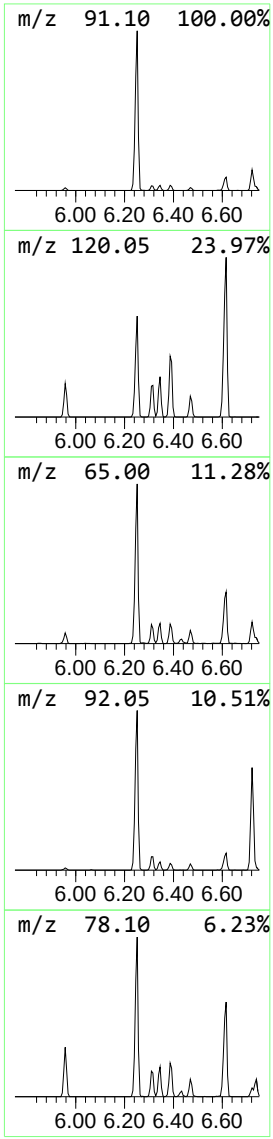
****

Peak Number 5 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	65.02 ng	1987350	1,4-Dichlorobenzene-d4	6.787

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-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50
4	N-(Benzyloxycarbonyloxy)succinimide	251	C12H13NO5	013139-17-8	47
5	(Benzyloxy)(methyl)amine, N-trif...	233	C10H10F3NO2	1010513-45-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
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Acq On : 27 Dec 2023 01:41
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Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

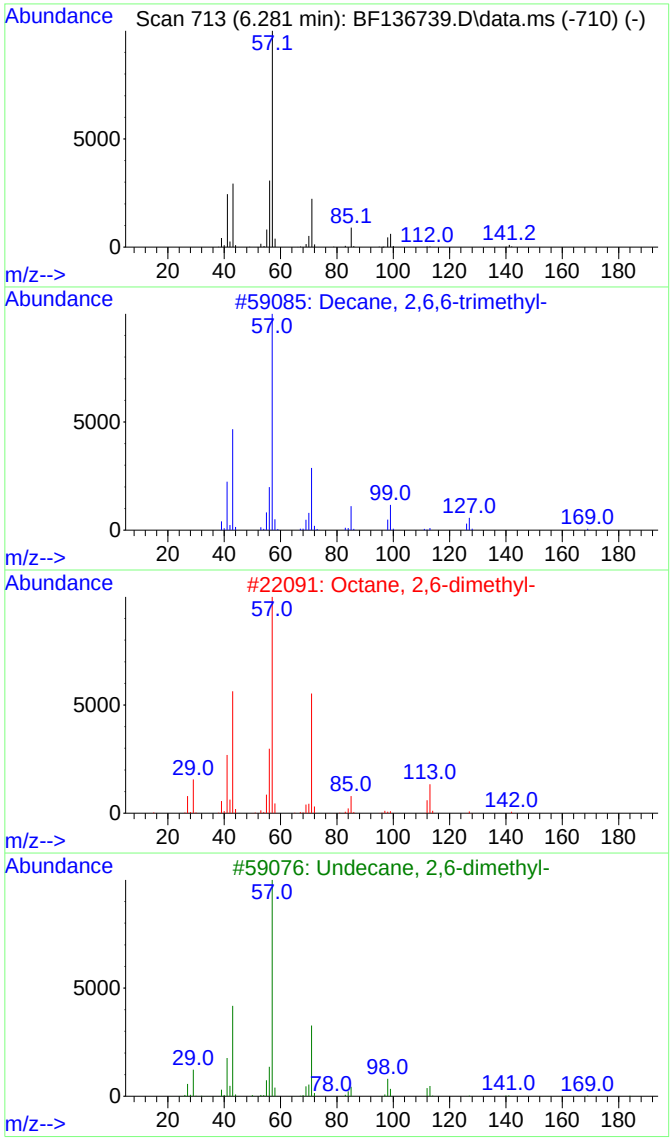
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

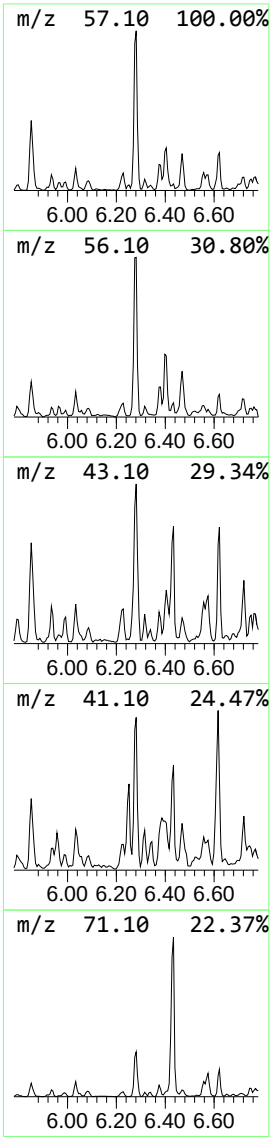
****

Peak Number 6 Decane, 2,6,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.281	14.44 ng	441418	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
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Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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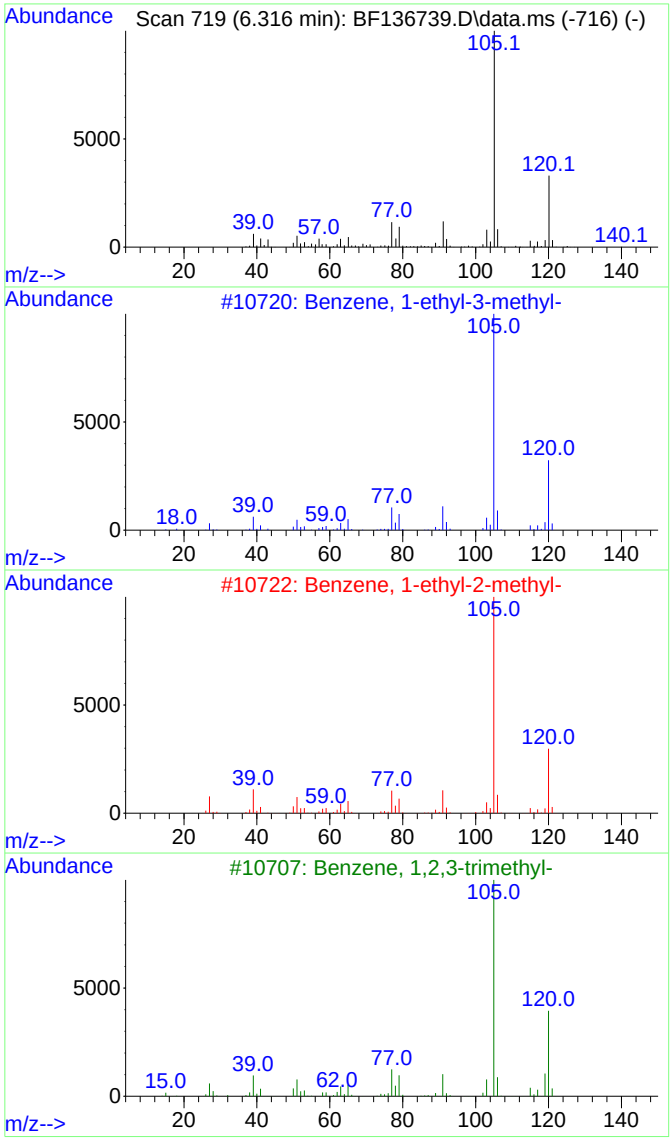
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

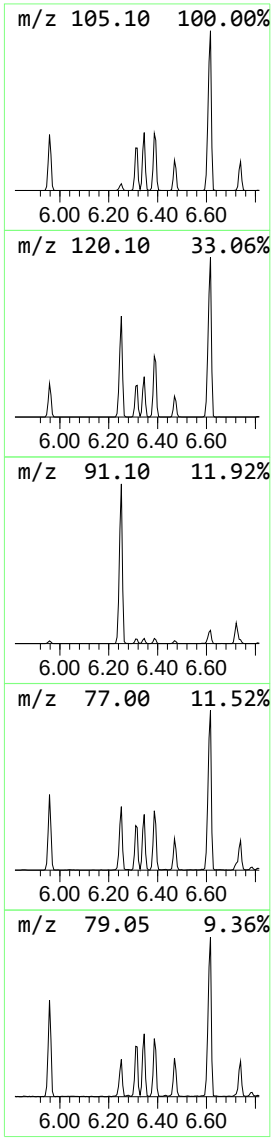
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	22.52 ng	688268	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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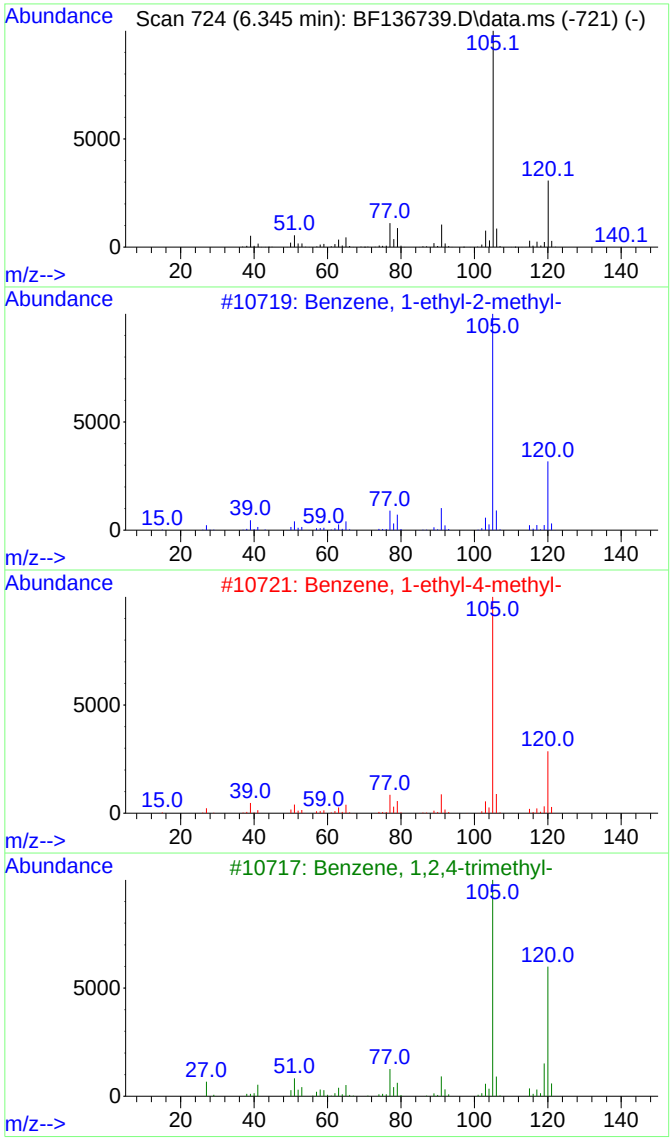
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

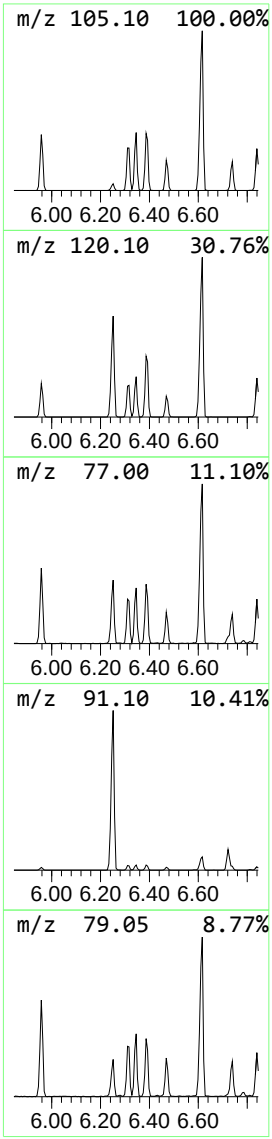
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	24.36 ng	744547	1,4-Dichlorobenzene-d4	6.787

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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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Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-111523B

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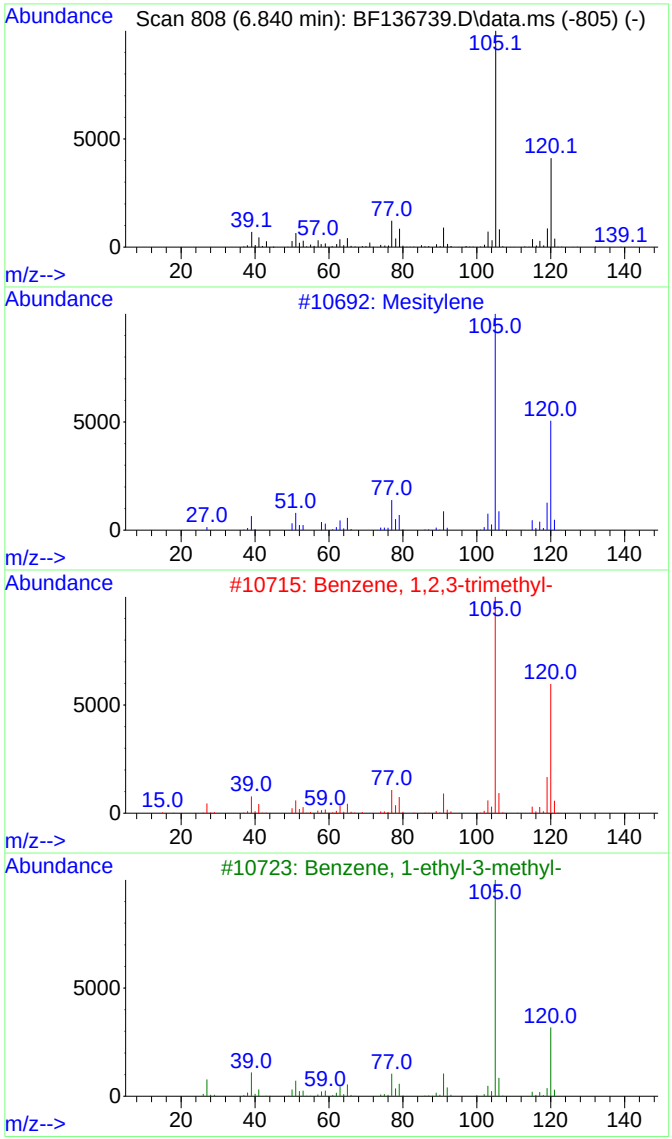
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

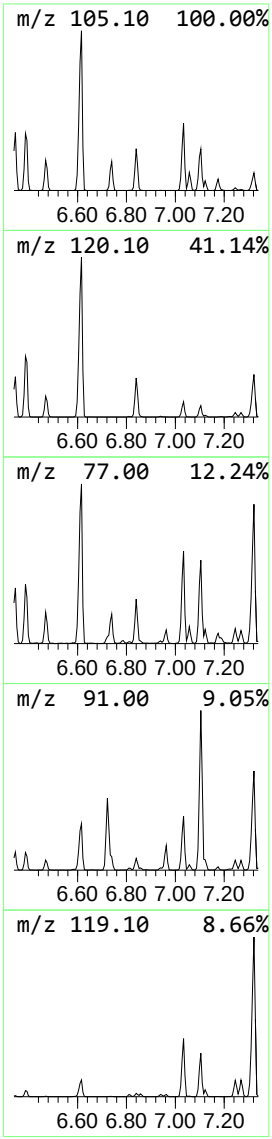
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.840	21.35 ng	652672	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-111523B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

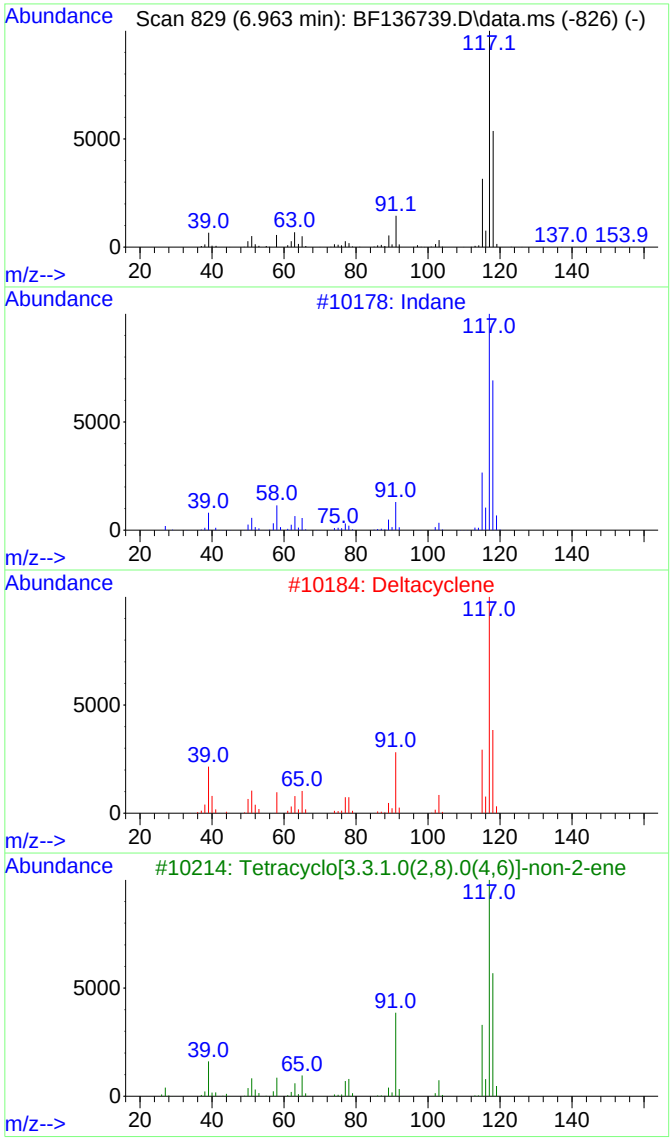
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

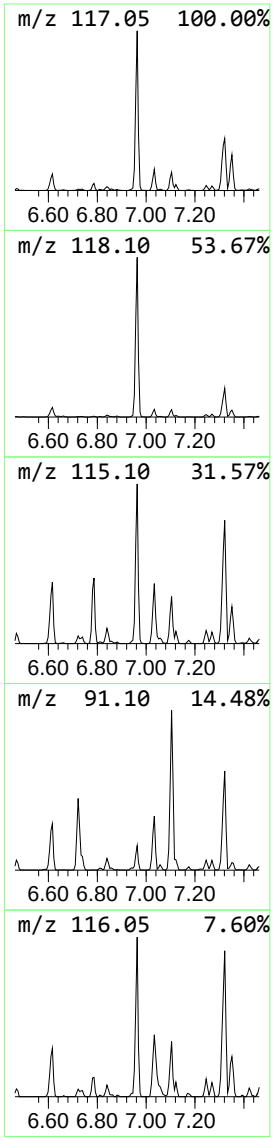
****

Peak Number 11 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	25.72 ng	786028	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Deltacyclene	118	C9H10	007785-10-6	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59





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Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

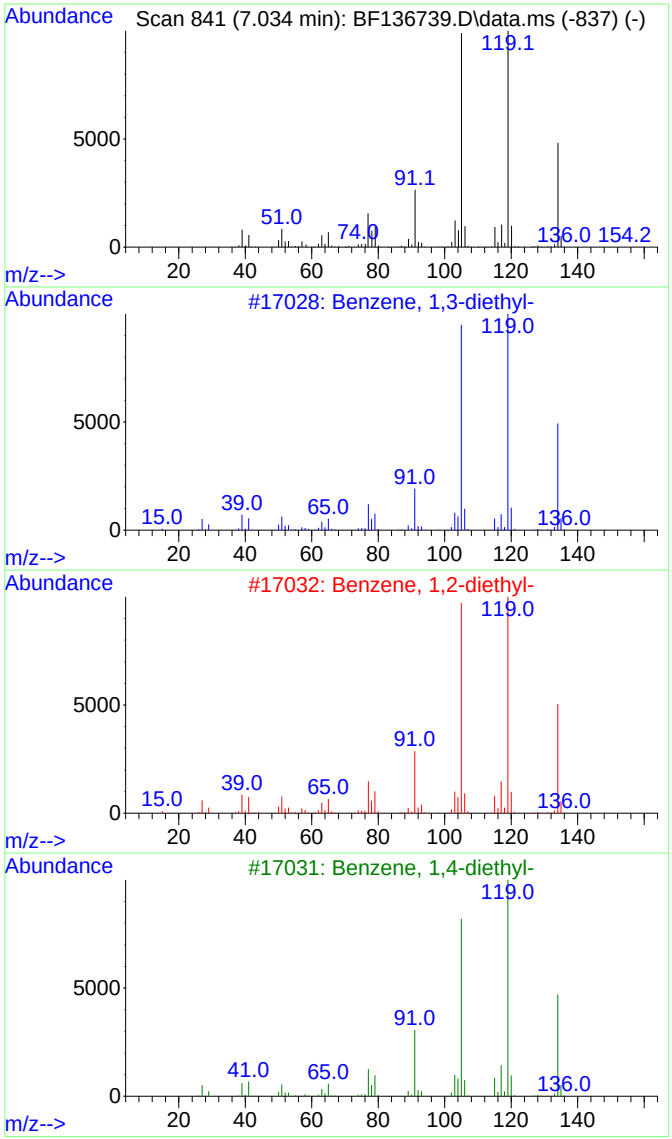
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

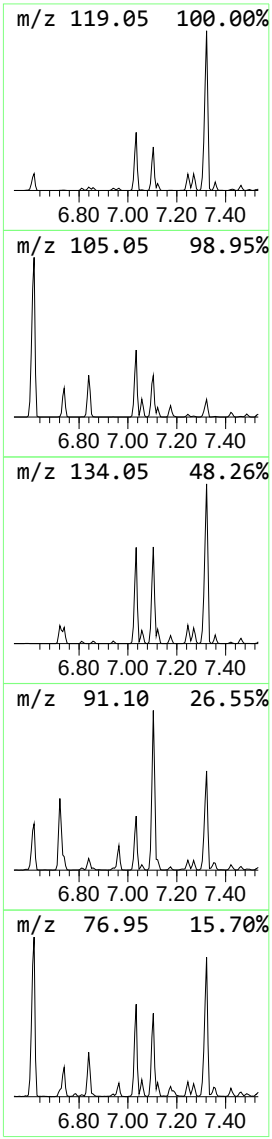
****

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	55.06 ng	1682810	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

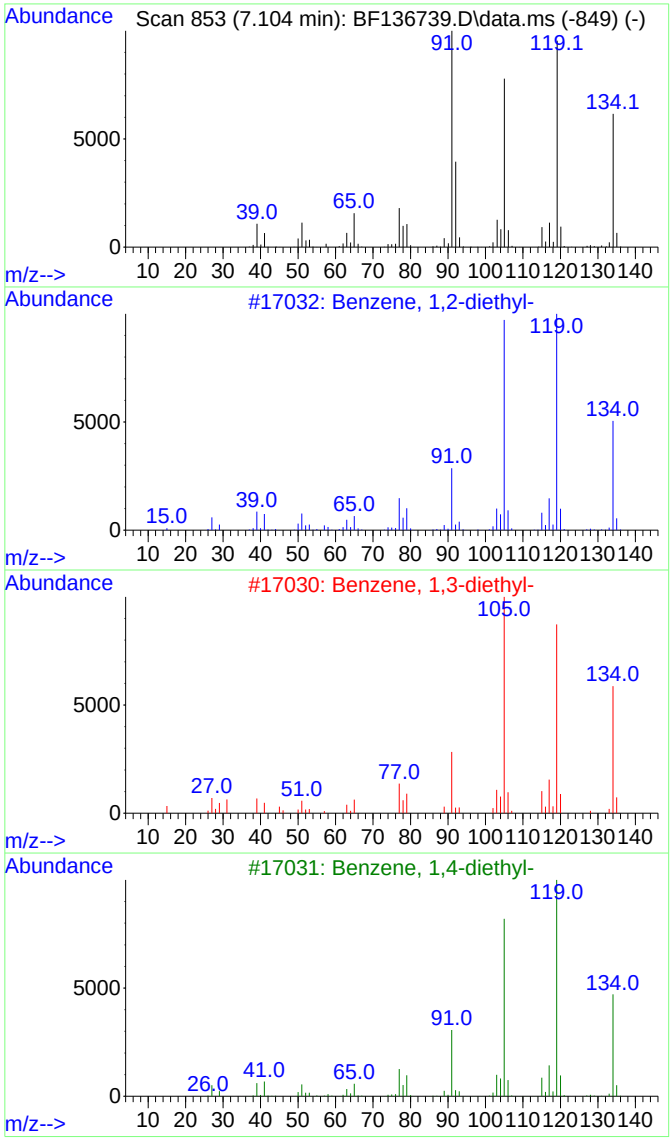
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

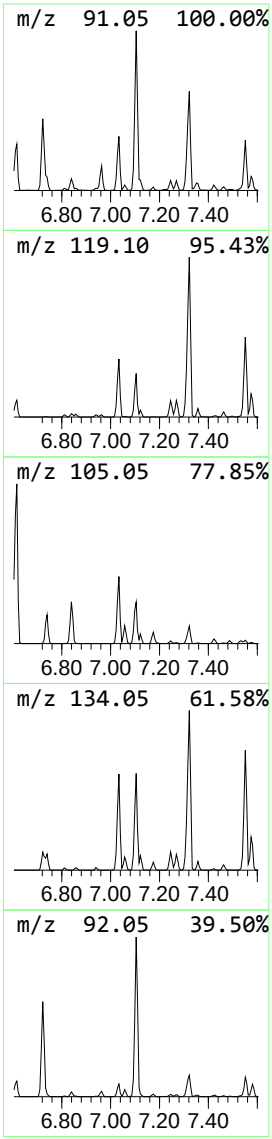
****

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	57.68 ng	1763000	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





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Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

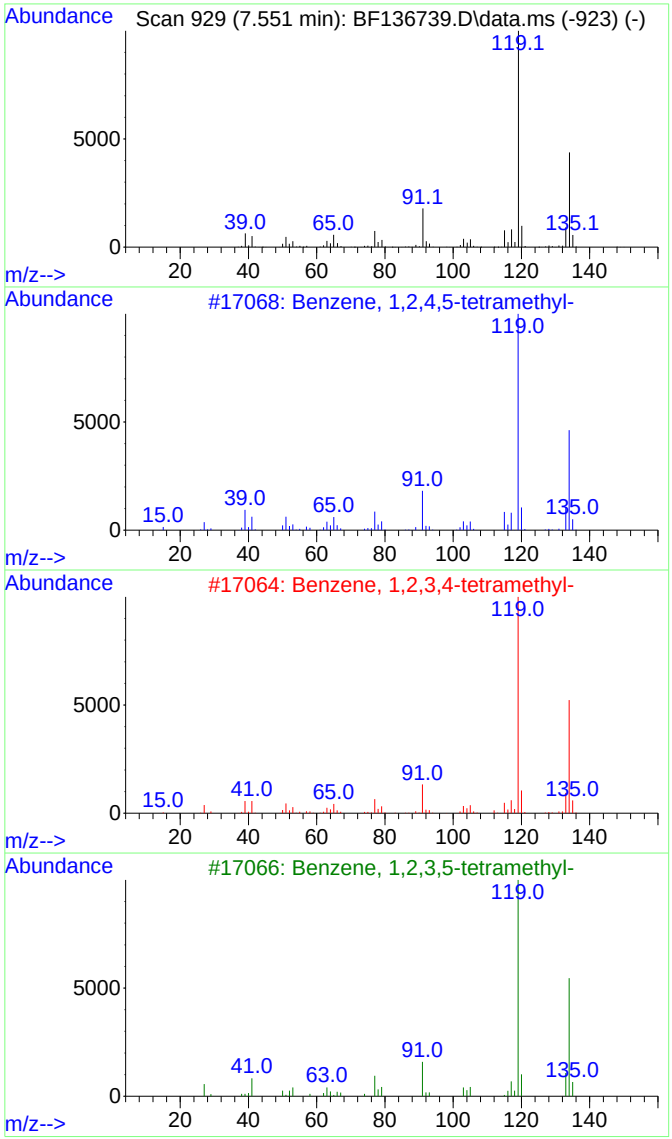
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

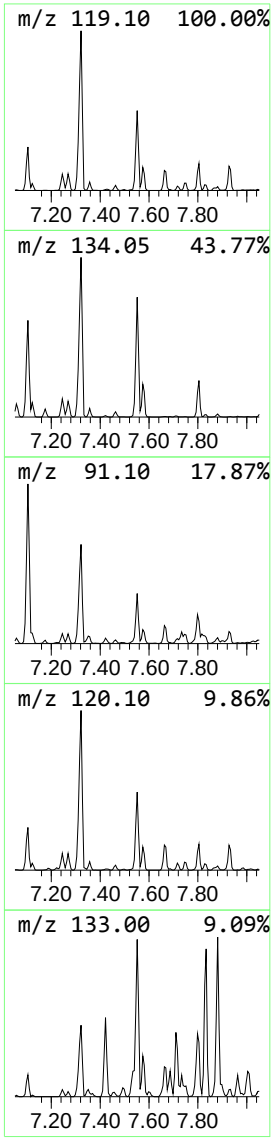
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.551	36.24 ng	1559880	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	91





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Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-111523B

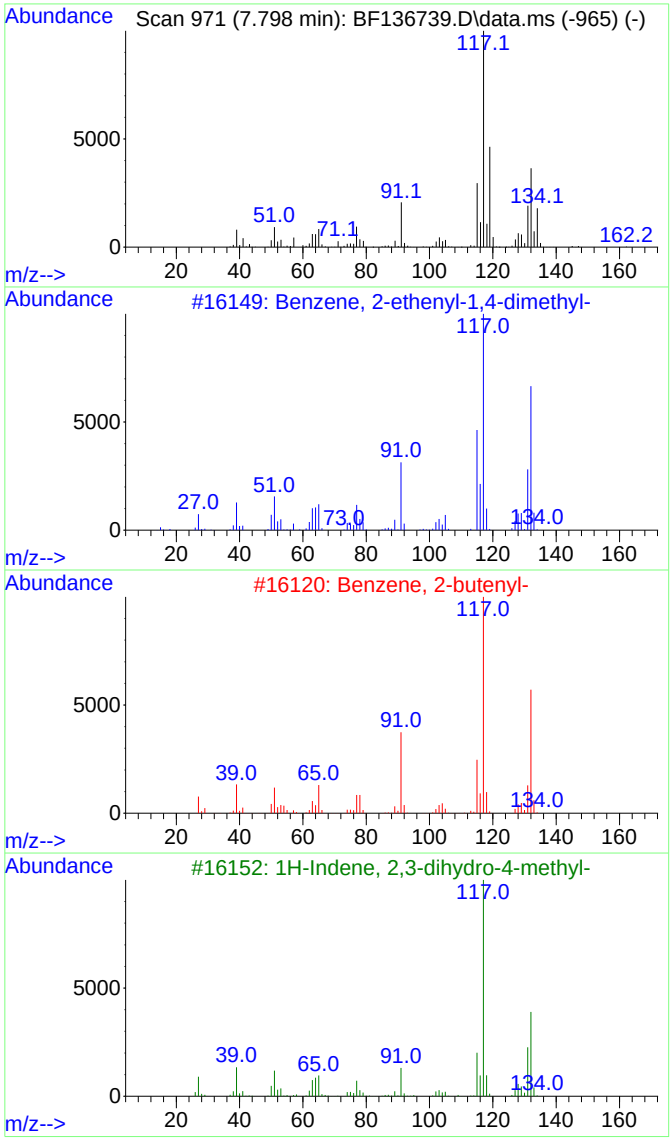
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

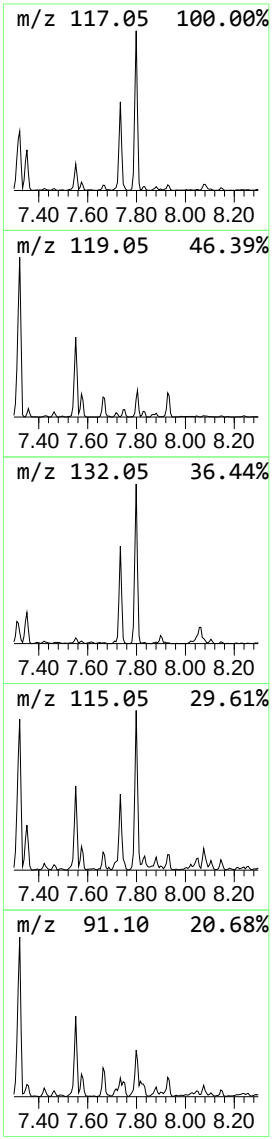
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	30.13 ng	1296760	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





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

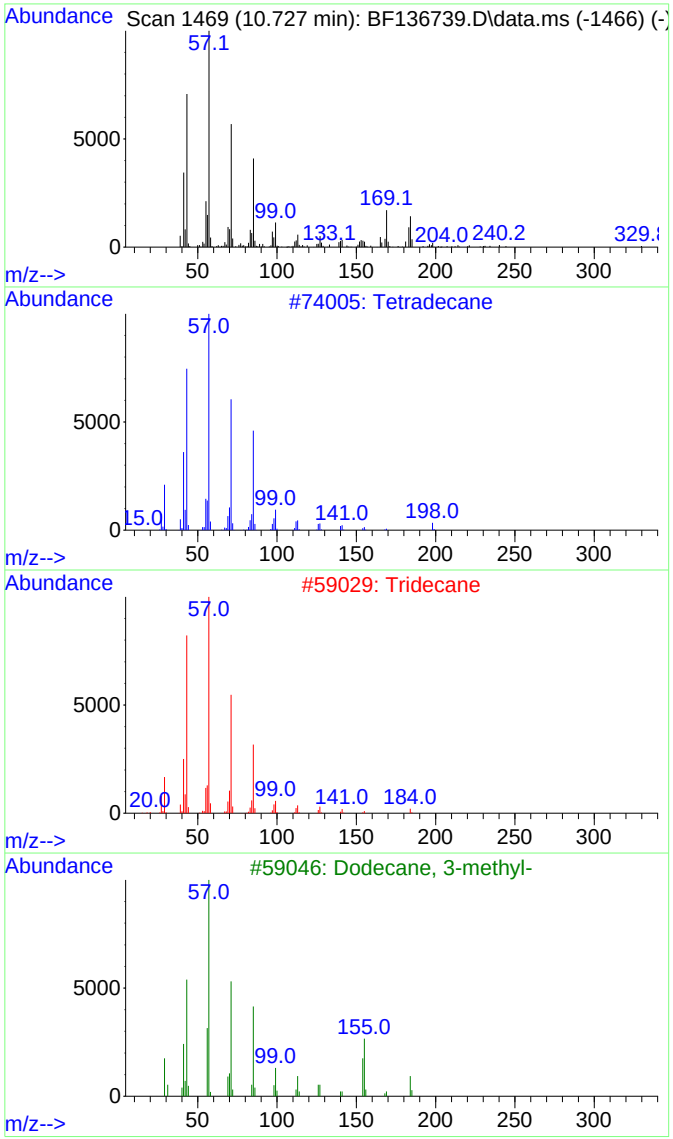
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

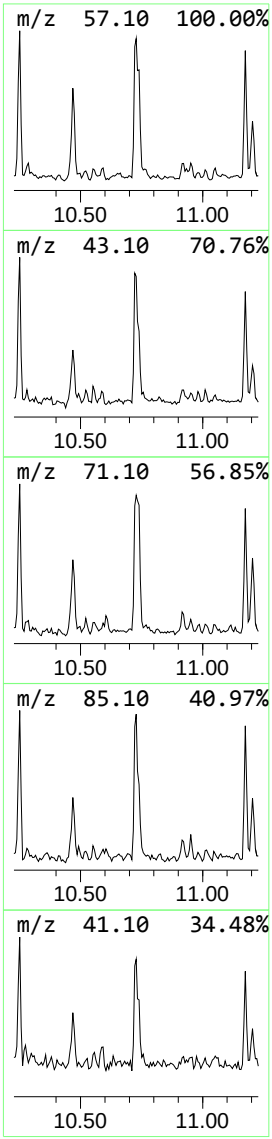
****

Peak Number 16 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	16.10 ng	309878	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	81
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	74
4	Eicosane	282	C20H42	000112-95-8	70
5	Nonadecane	268	C19H40	000629-92-5	68





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

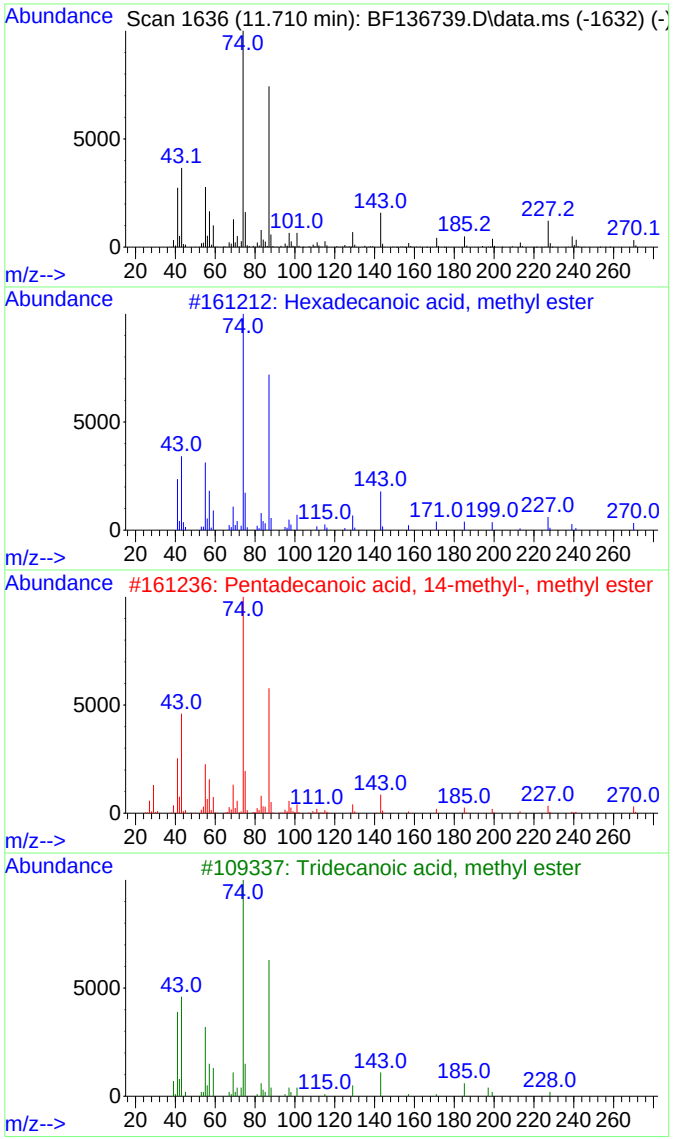
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

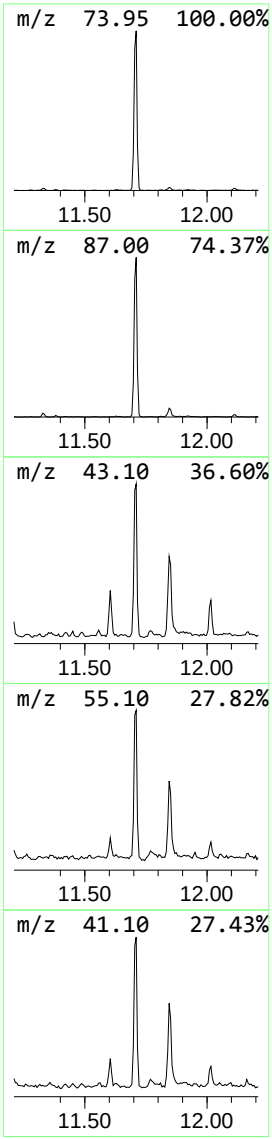
****

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	43.54 ng	838084	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

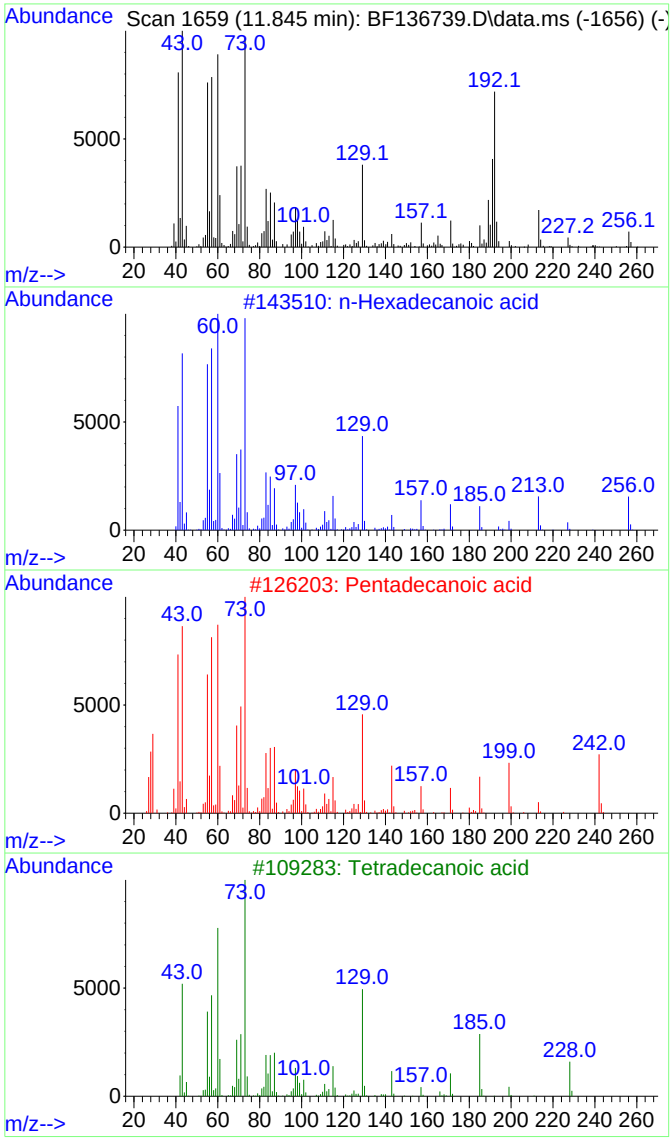
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

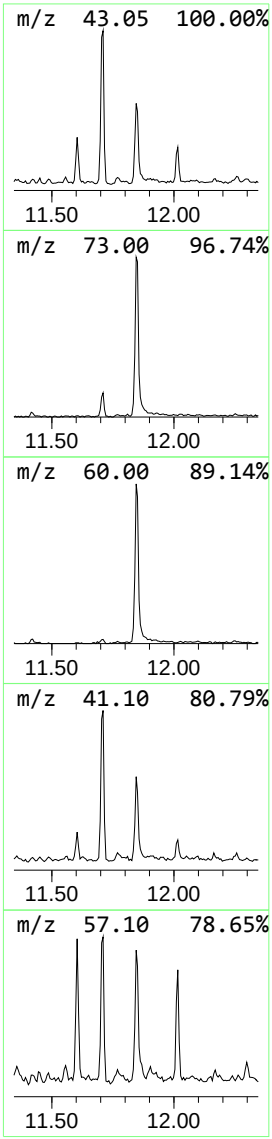
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	25.29 ng	486770	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	56
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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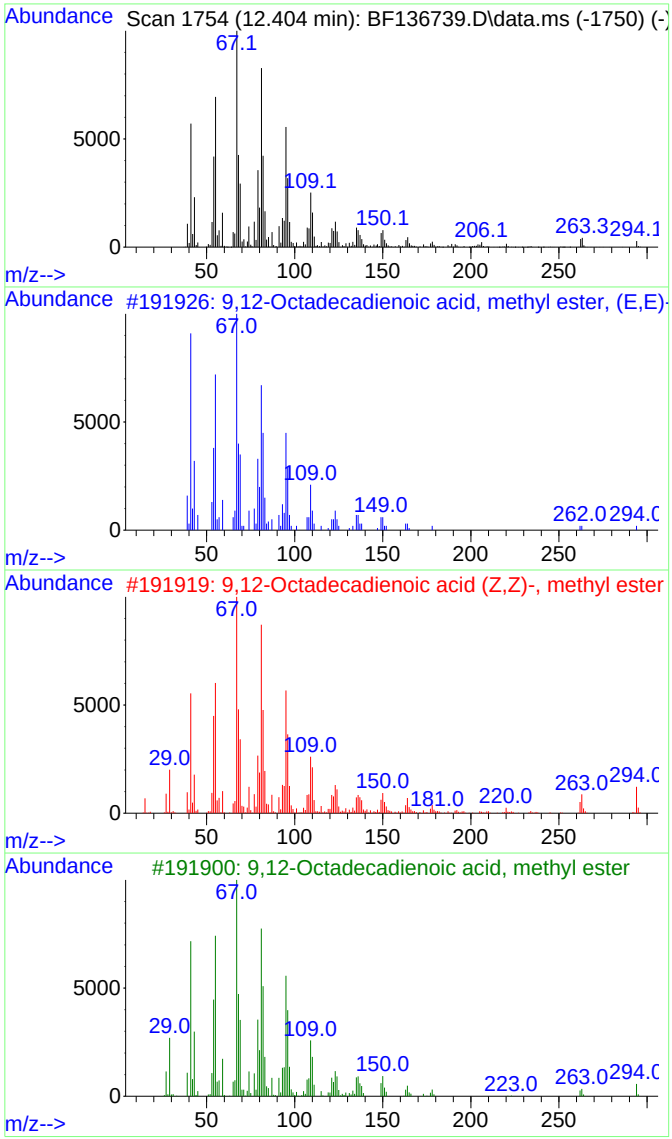
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

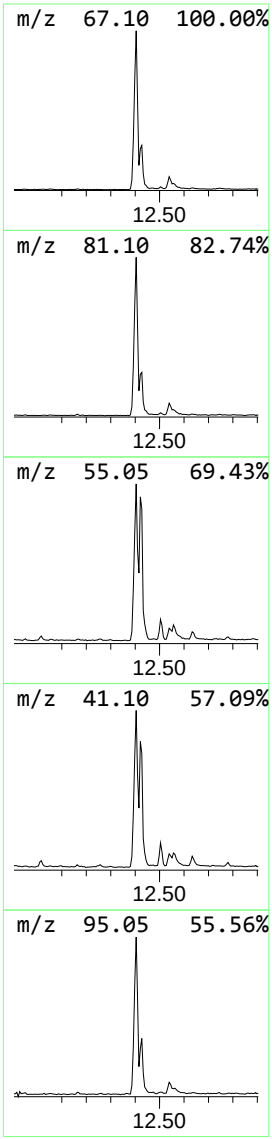
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	185.34 ng	3567600	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
JC-03-111523B

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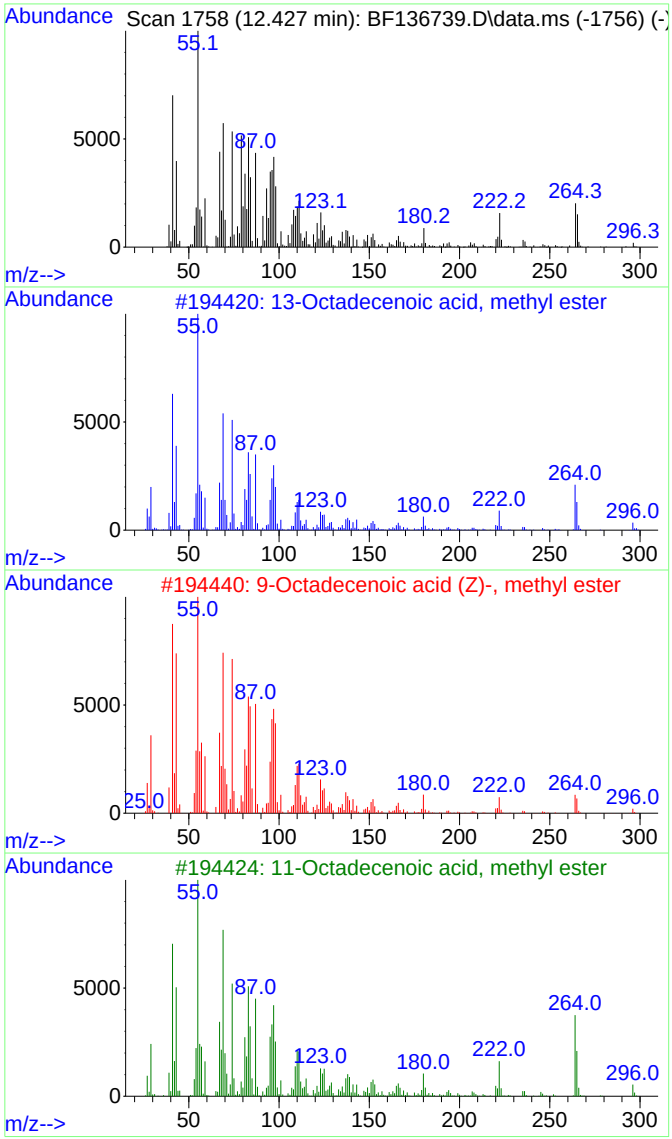
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

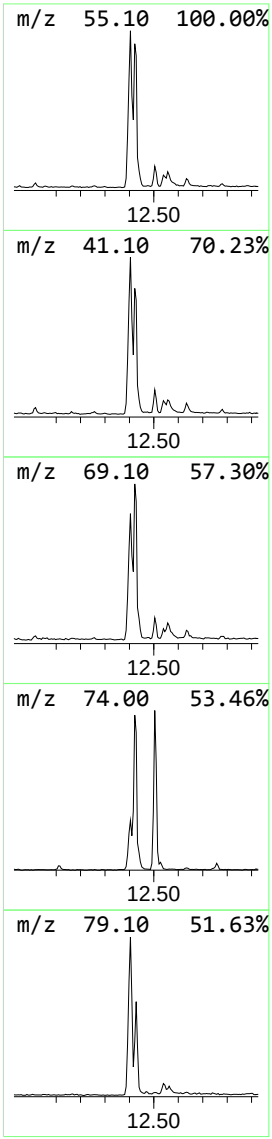
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	112.80 ng	2171270	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136739.D
Acq On : 27 Dec 2023 01:41
Operator : CG\JU
Sample : 05446-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-111523B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Benzene, 1,3-di...	5.640	14.3	ng	437289	1	6.787	611275	20.0
Benzene, propyl-	6.251	65.0	ng	1987350	1	6.787	611275	20.0
Decane, 2,6,6-t...	6.281	14.4	ng	441418	1	6.787	611275	20.0
Benzene, 1-ethy...	6.316	22.5	ng	688268	1	6.787	611275	20.0
Benzene, 1-ethy...	6.345	24.4	ng	744547	1	6.787	611275	20.0
Benzene, 1,2,3-...	6.840	21.4	ng	652672	1	6.787	611275	20.0
Indane	6.963	25.7	ng	786028	1	6.787	611275	20.0
Benzene, 1,3-di...	7.034	55.1	ng	1682810	1	6.787	611275	20.0
Benzene, 1,2-di...	7.104	57.7	ng	1763000	1	6.787	611275	20.0
Benzene, 1,2,4,...	7.551	36.2	ng	1559880	2	8.063	860802	20.0
Benzene, 2-ethe...	7.798	30.1	ng	1296760	2	8.063	860802	20.0
Tetradecane	10.727	16.1	ng	309878	4	11.310	384971	20.0
Hexadecanoic ac...	11.710	43.5	ng	838084	4	11.310	384971	20.0
n-Hexadecanoic ...	11.845	25.3	ng	486770	4	11.310	384971	20.0
9,12-Octadecadi...	12.404	185.3	ng	3567600	4	11.310	384971	20.0
13-Octadecenoic...	12.427	112.8	ng	2171270	4	11.310	384971	20.0