LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.581	42	50	54	rBV3	284535	584967	2.39%	0.278%
2	2.810	80	89	98	rVB3	388577	799838	3.27%	0.380%
3	3.081	130	135	144	rVB	325106	605892	2.48%	0.288%
4	3.428	182	194	197	rBV	181309	347890	1.42%	0.165%
5	3.463	197	200	205	rVB	201836	295879	1.21%	0.141%
6	3.687	230	238	244	rVB	1380364	2127789	8.70%	1.011%
7	3.757	244	250	266	rVB2	386474	842396	3.44%	0.400%
8	4.045	292	299	304	rBV	1547916	2098584	8.58%	0.997%
9	4.428	358	364	367	rBV	1718530	2099765	8.58%	0.998%
10	4.451	367	368	373	rVB	348765	293936	1.20%	0.140%
11	4.504	373	377	382	rVB	1514635	1759124	7.19%	0.836%
12	4.651	396	402	410	rVB	746768	882002	3.60%	0.419%
13	4.898	436	444	446	rBV	258807	316368	1.29%	0.150%
14	5.028	461	466	469	rVV2	227591	258768	1.06%	0.123%
15	5.169	485	490	495	rVV4	293776	409437	1.67%	0.195%
16	5.475	537	542	543	rBV2	589028	641949	2.62%	0.305%
17	5.504	543	547	551	rVB2	3849497	4437534	18.14%	2.109%
18	5.769	588	592	594	rVV2	265392	290975	1.19%	0.138%
19	6.310	680	684	688	rBV	441929	429626	1.76%	0.204%
20	6.439	702	706	710	rVB	762231	712527	2.91%	0.339%
21	6.480	710	713	715	rVV	688223	570804	2.33%	0.271%
22	6.510	715	718	723	rVB	2388840	2374110	9.70%	1.128%
23	6.569	724	728	731	rBV	2810539	2530886	10.34%	1.203%
24	6.704	748	751	759	rVB	334847	395645	1.62%	0.188%
25	6.880	777	781	785	rBV	1526485	1566200	6.40%	0.744%
26	6.939	787	791	794	rVV	1336621	1312964	5.37%	0.624%
27	7.080	803	815	818	rBV	14737292	24467970	100.00%	11.629%
28	7.133	819	824	831	rVB	5467730	5641498	23.06%	2.681%
29	7.198	831	835	837	rBV	2085865	1952028	7.98%	0.928%
30	7.222	837	839	842	rVB	1570524	1197158	4.89%	0.569%
31	7.275	844	848	854	rBV	399497	373991	1.53%	0.178%
32	7.427	867	874	876	rBV	10113665	15501268	63.35%	7.368%
33	7.463	876	880	883	rVB2	10544645	12271889	50.15%	5.833%
34	7.522	886	890	895	rBV3	394671	485162	1.98%	0.231%
35	7.569	895	898	904	rVB	436262	411153	1.68%	0.195%
36	7.657	904	913	915	rBV	7503215	8435590	34.48%	4.009%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.727	922	925	928	rBV	407753	342041	1.40%	0.163%
38	7.769	928	932	935	rVV	565996	547740	2.24%	0.260%
39	7.839	936	944	950	rVB	8000257	10518853	42.99%	5.000%
40	7.910	950	956	959	rBV	13101340	18066671	73.84%	8.587%
41	7.957	961	964	966	rVV	1197030	1329046	5.43%	0.632%
42	7.980	966	968	970	rVV	896805	748111	3.06%	0.356%
43	8.004	970	972	974	rVV2	425855	382989	1.57%	0.182%
44	8.027	974	976	980	rVB	749441	704865	2.88%	0.335%
45	8.157	990	998	999	rBV	3226027	5063648	20.70%	2.407%
46	8.169	999	1000	1002	rVV2	2825370	2894338	11.83%	1.376%
47	8.210	1005	1007	1010	rVB	2600203	1926603	7.87%	0.916%
48	8.251	1010	1014	1016	rVB	898097	828119	3.38%	0.394%
49	8.363	1030	1033	1035	rVB2	307793	270080	1.10%	0.128%
50	8.439	1035	1046	1052	rBV2	5928642	8034342	32.84%	3.819%
51	8.545	1061	1064	1068	rVB	1761435	1734440	7.09%	0.824%
52	8.633	1075	1079	1082	rBV2	1375747	1577574	6.45%	0.750%
53	8.669	1082	1085	1086	rVV	854006	817019	3.34%	0.388%
54	8.686	1086	1088	1091	rVV2	1340754	1458418	5.96%	0.693%
55	8.721	1092	1094	1096	rVV	648936	575659	2.35%	0.274%
56	8.757	1096	1100	1103	rVB2	1363662	1596669	6.53%	0.759%
57	8.798	1103	1107	1109	rBV	352305	352865	1.44%	0.168%
58	8.833	1109	1113	1115	rVB2	665379	637632	2.61%	0.303%
59	8.880	1115	1121	1124	rBV	5202835	5102546	20.85%	2.425%
60	8.980	1133	1138	1141	rBV	5678639	6000191	24.52%	2.852%
61	9.010	1141	1143	1147	rVV3	247124	287375	1.17%	0.137%
62	9.057	1147	1151	1157	rVB3	454094	663576	2.71%	0.315%
63	9.110	1157	1160	1163	rVB2	279854	262977	1.07%	0.125%
64	9.163	1163	1169	1173	rBV2	606053	756950	3.09%	0.360%
65	9.245	1176	1183	1186	rVB	8658750	8594139	35.12%	4.085%
66	9.510	1225	1228	1230	rVB3	294594	304552	1.24%	0.145%
67	9.580	1236	1240	1243	rBV2	340265	471628	1.93%	0.224%
68	9.886	1277	1292	1294	rBV	2264719	5384674	22.01%	2.559%
69	9.921	1294	1298	1301	rVV	2721280	2502426	10.23%	1.189%
70	10.721	1428	1434	1436	rBV	5335408	5538721	22.64%	2.633%
71	10.745	1436	1438	1446	rVB	289569	300853	1.23%	0.143%
72	11.415	1548	1552	1555	rBV	2456718	2136997	8.73%	1.016%
73	11.792	1613	1616	1620	rVB	295136	245389	1.00%	0.117%
74	11.933	1637	1640	1647	rBV2	514500	487689	1.99%	0.232%
75	12.504	1729	1737	1744	rVB	442455	462405	1.89%	0.220%
76	13.004	1817	1822	1825	rBV	7658679	7351602	30.05%	3.494%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.909	1971	1976	1985	rBV	237750	477094	1.95%	0.227%
78	14.056	1997	2001	2005	rBV	1658675	1447356	5.92%	0.688%
79	14.898	2141	2144	2148	rVB	251948	258394	1.06%	0.123%
80	15.545	2249	2254	2265	rVB	950211	1228057	5.02%	0.584%

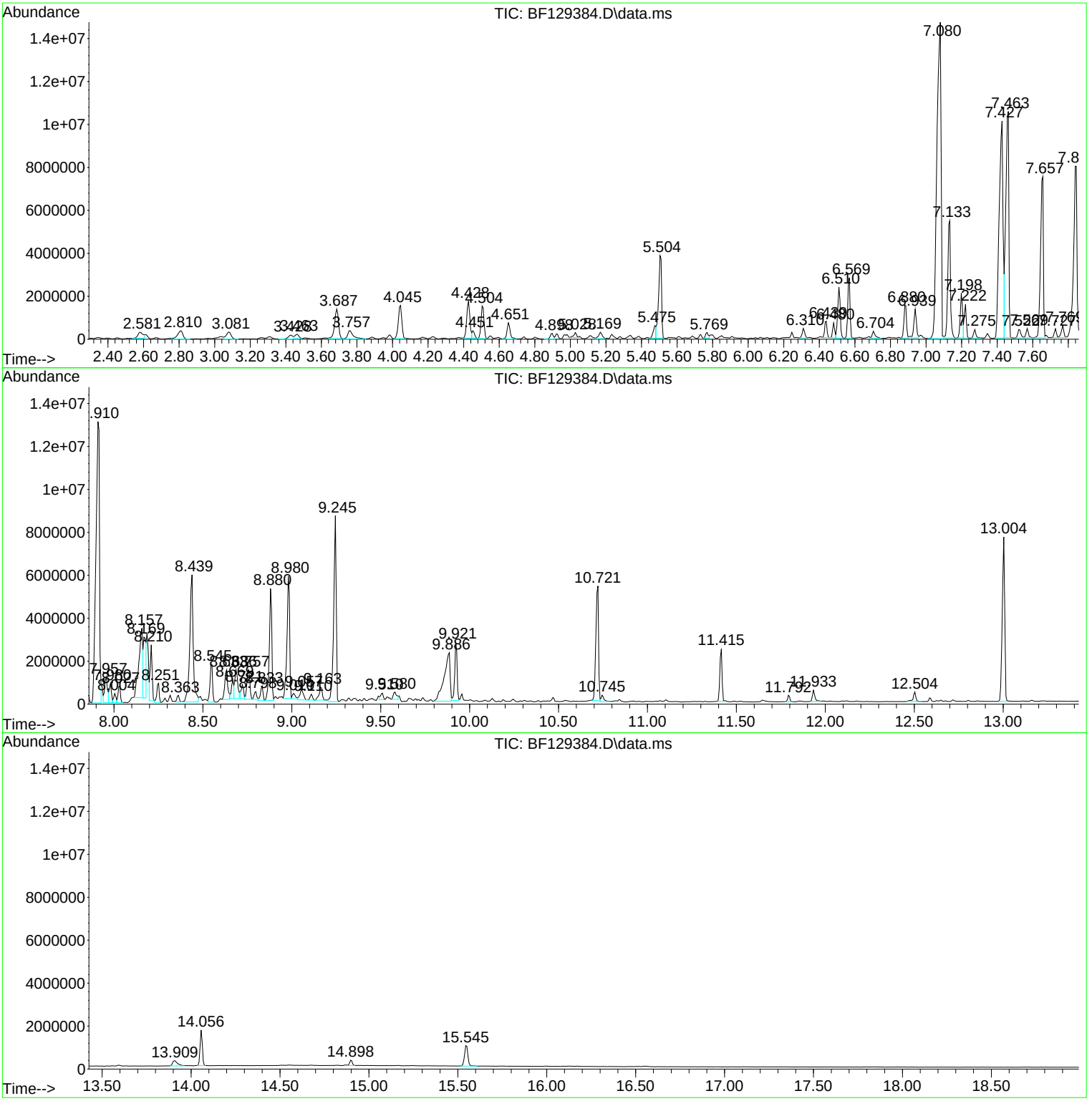
Sum of corrected areas: 210396875

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

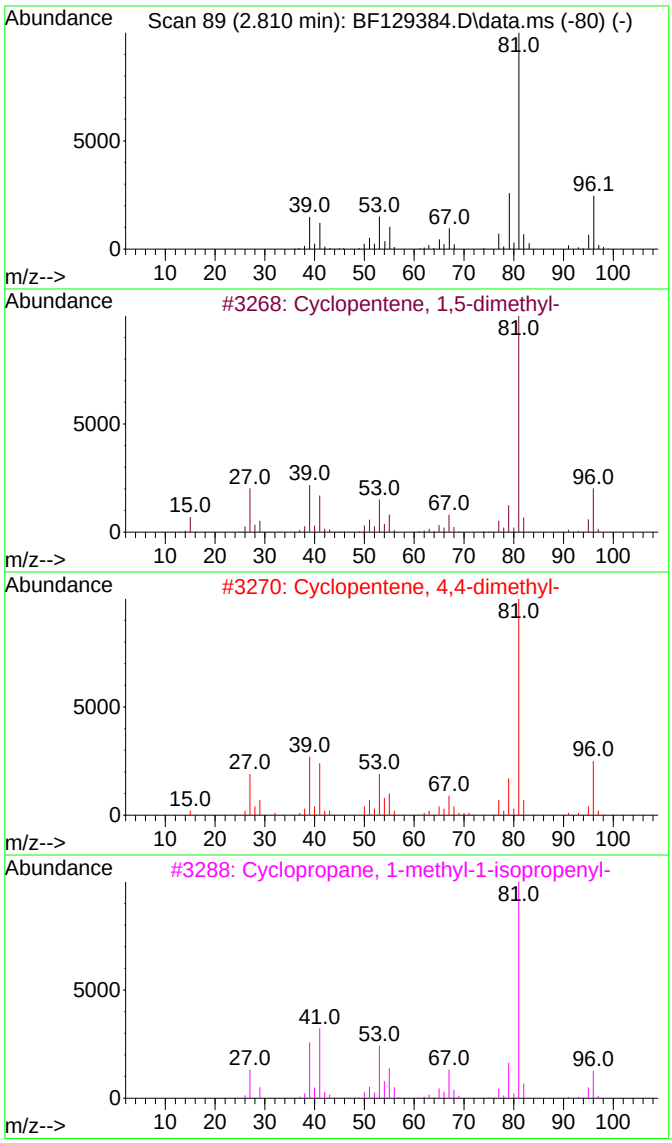
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

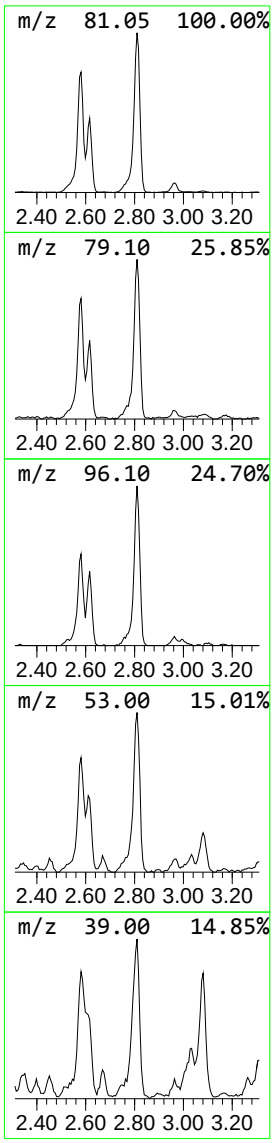
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.810	10.21 ng	799838	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	83
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

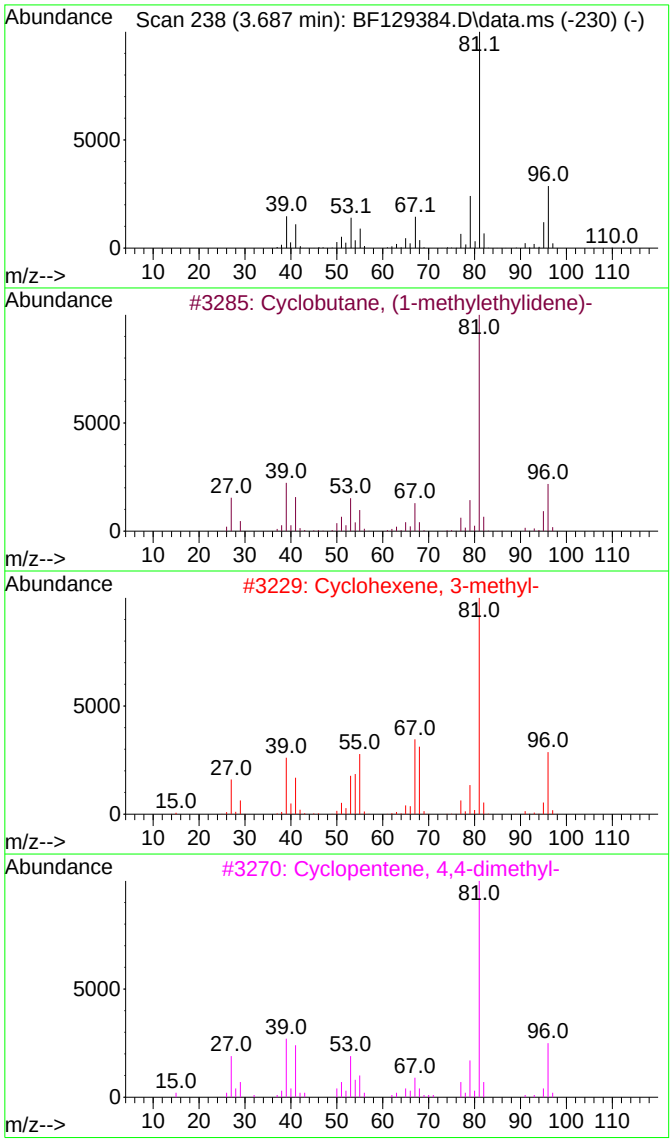
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

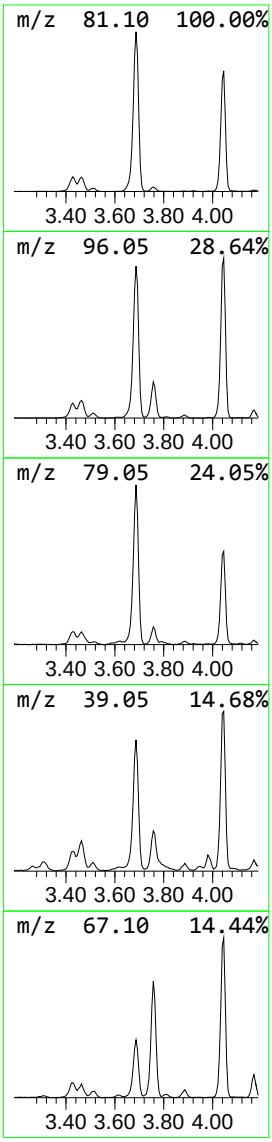
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclobutane, (1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	27.17 ng	2127790	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	80
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	78
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

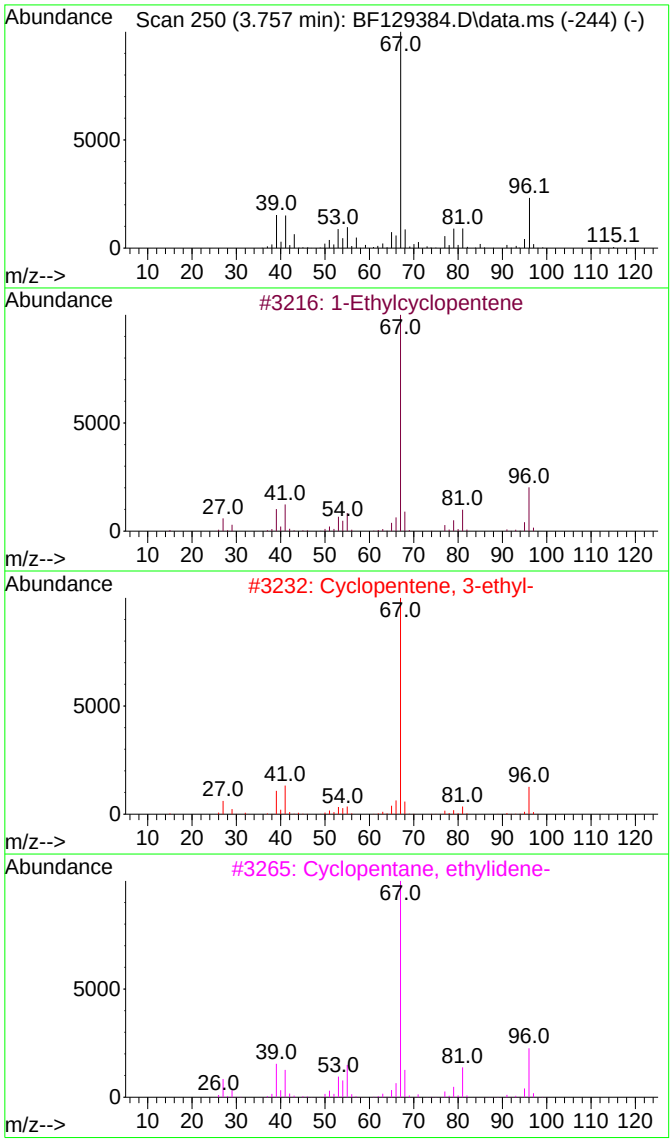
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

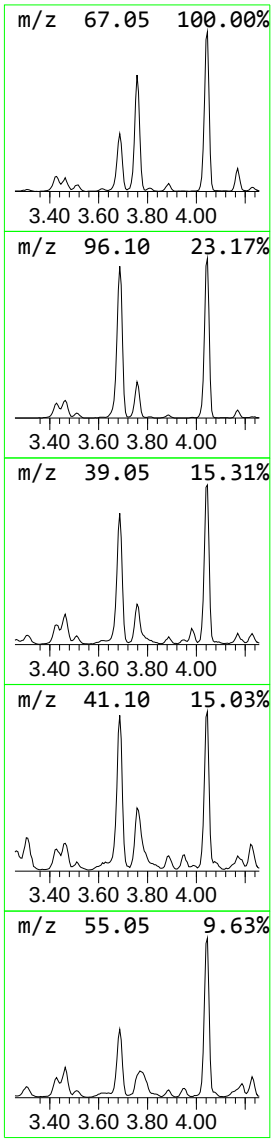
****

Peak Number 3 1-Ethylcyclopentene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	10.76 ng	842396	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethylcyclopentene	96	C7H12	002146-38-5	93
2	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	78
3	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	72
4	Cyclobutane, 1-ethyl-3-methylene-	96	C7H12	056335-70-7	72
5	1-Propylcyclopentene	110	C8H14	003074-61-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

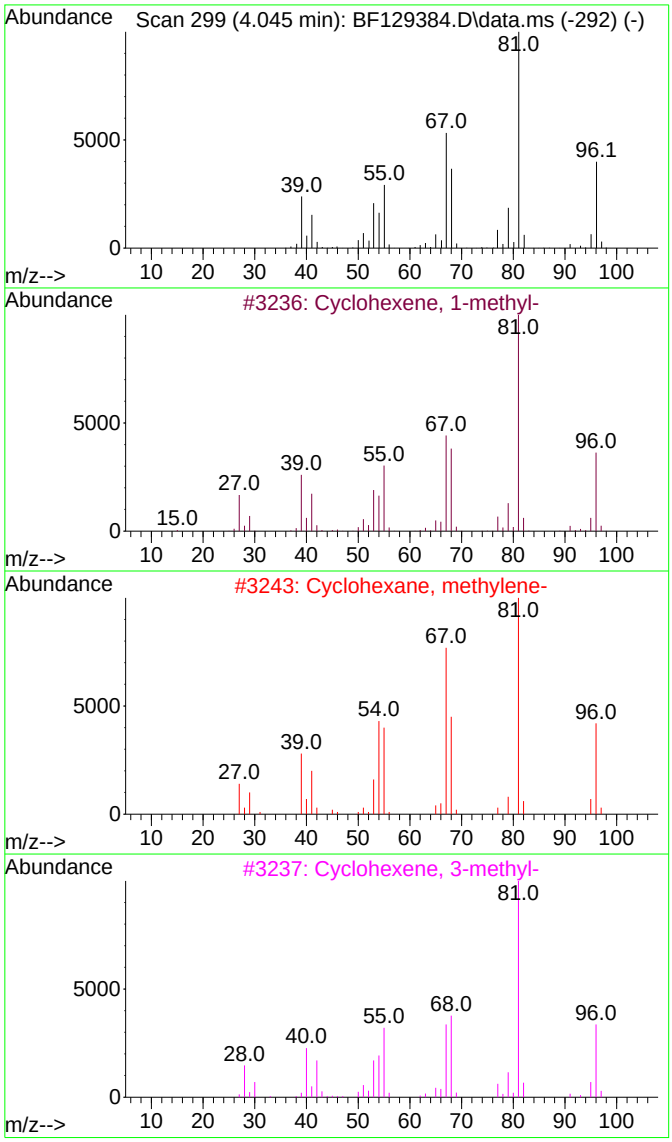
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

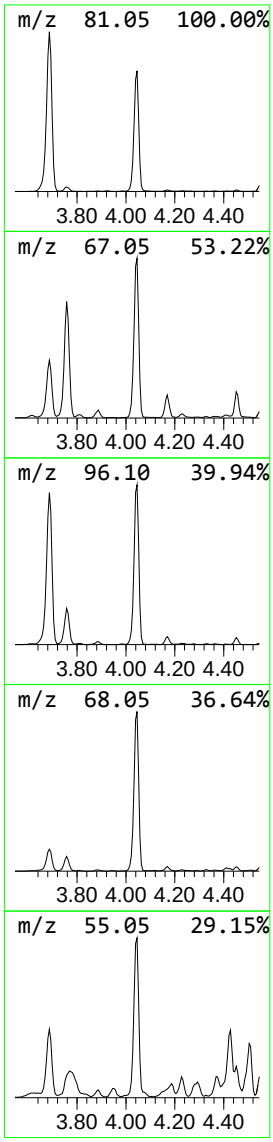
****

Peak Number 4 Cyclohexene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.045	26.80 ng	2098580	1,4-Dichlorobenzene-d4	6.886

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	90
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	83
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

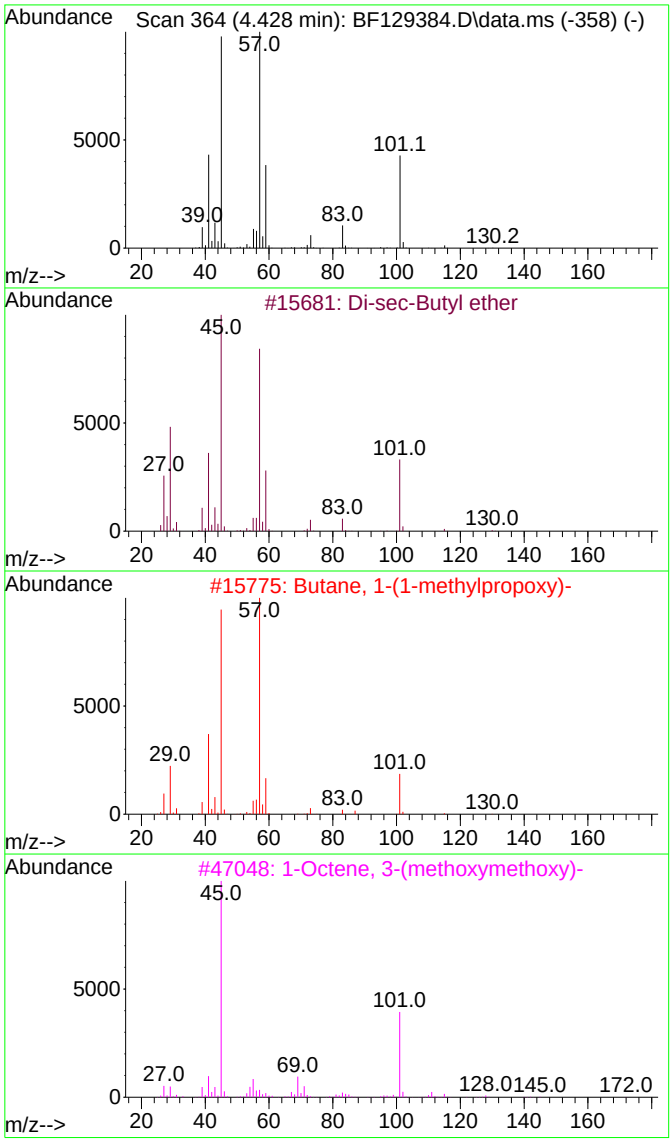
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

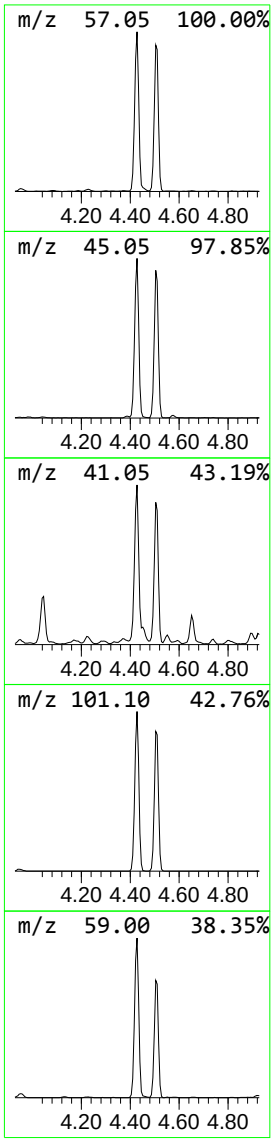
****

Peak Number 5 Di-sec-Butyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.428	26.81 ng	2099770	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
3	1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	38
4	2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	36
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

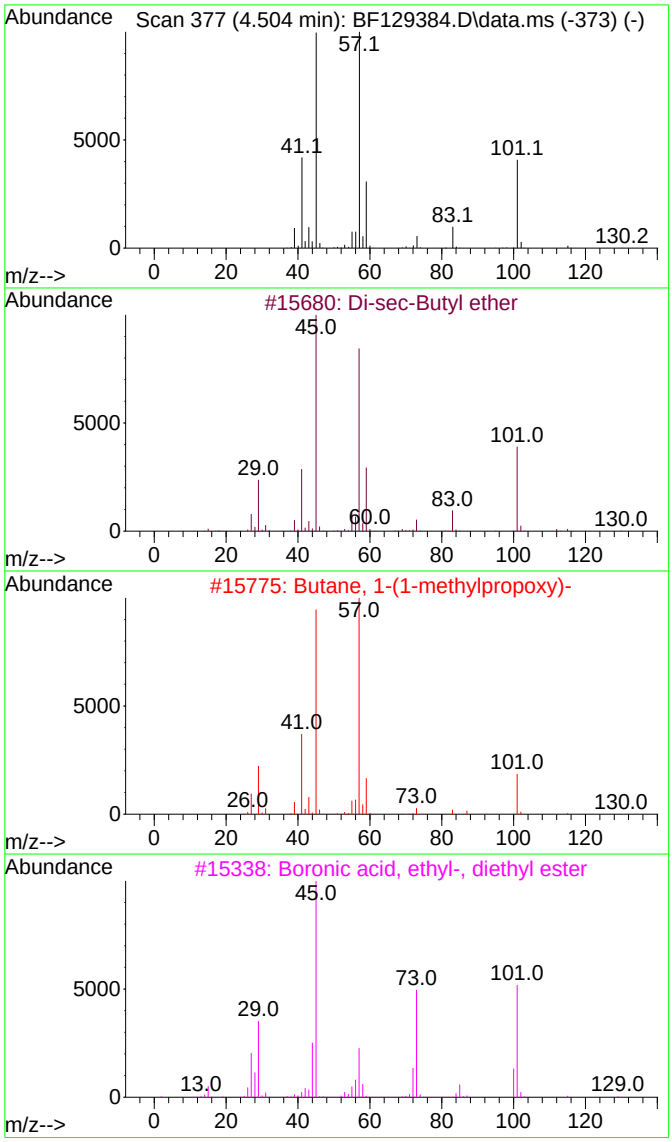
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

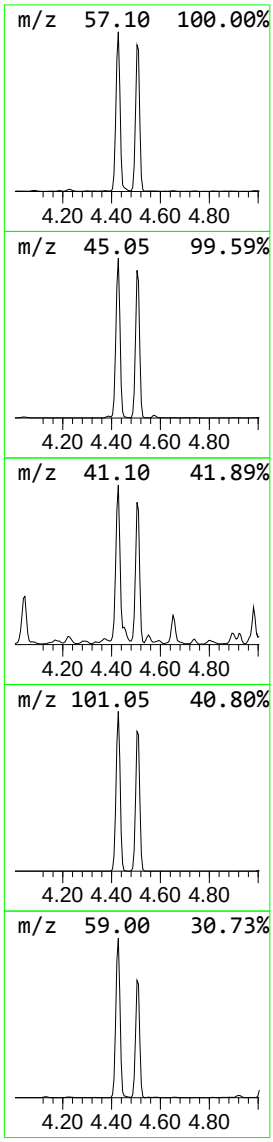
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butane, 1-(1-methylpropoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.504	22.46 ng	1759120	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	56
3	Boronic acid, ethyl-, diethyl ester	130	C6H15BO2	053907-92-9	42
4	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	39
5	2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	33





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Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

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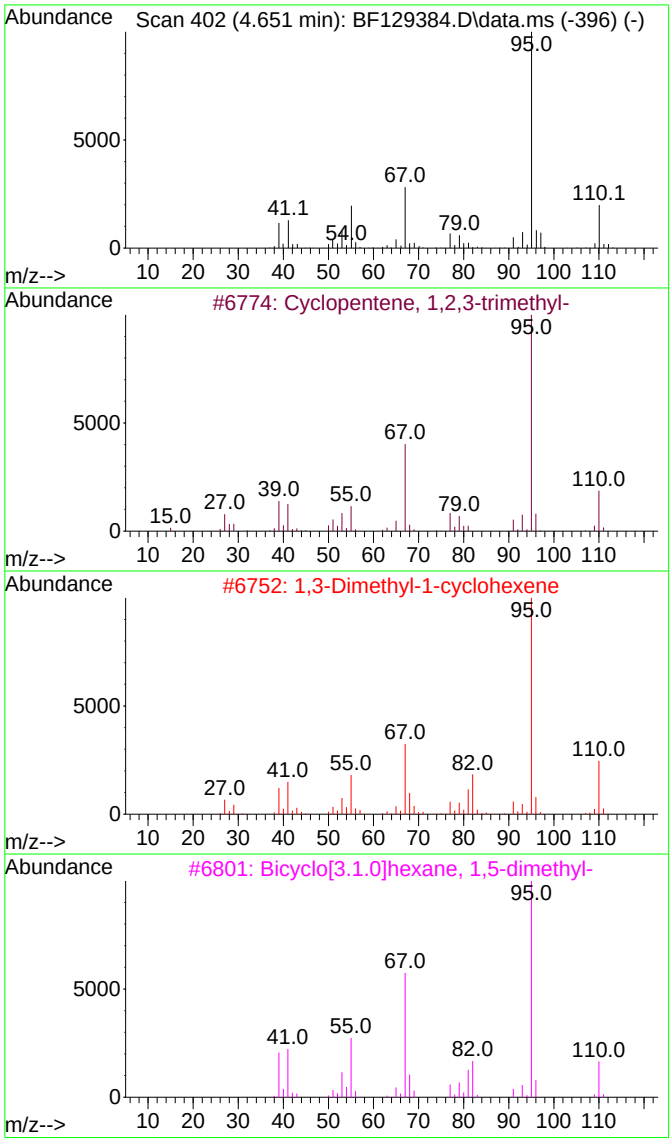
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

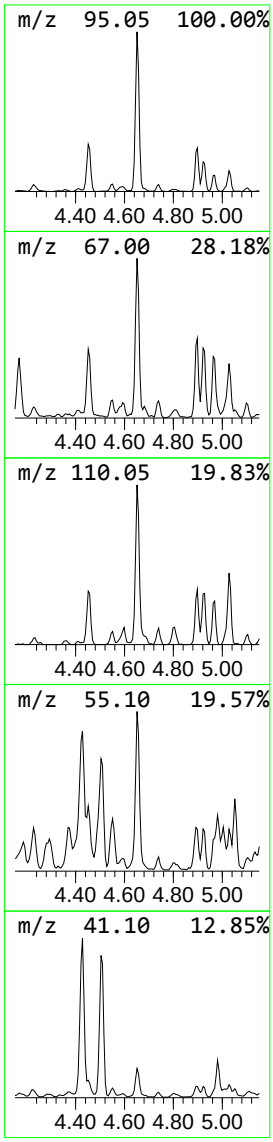
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.651	11.26 ng	882002	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	86
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64





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Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

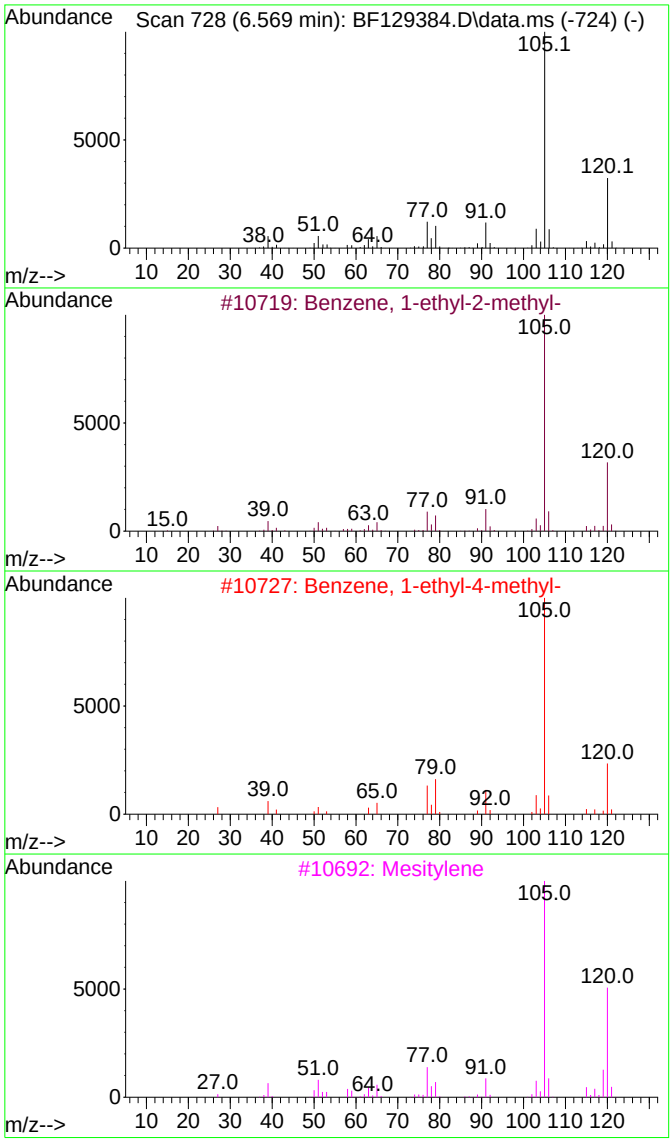
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

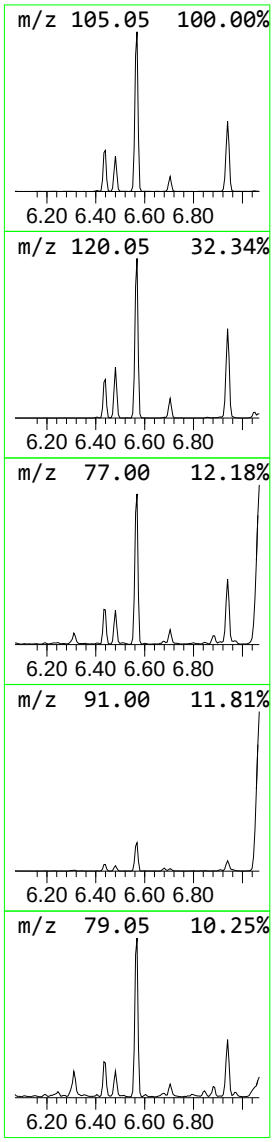
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	32.32 ng	2530890	1,4-Dichlorobenzene-d4	6.886

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





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Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

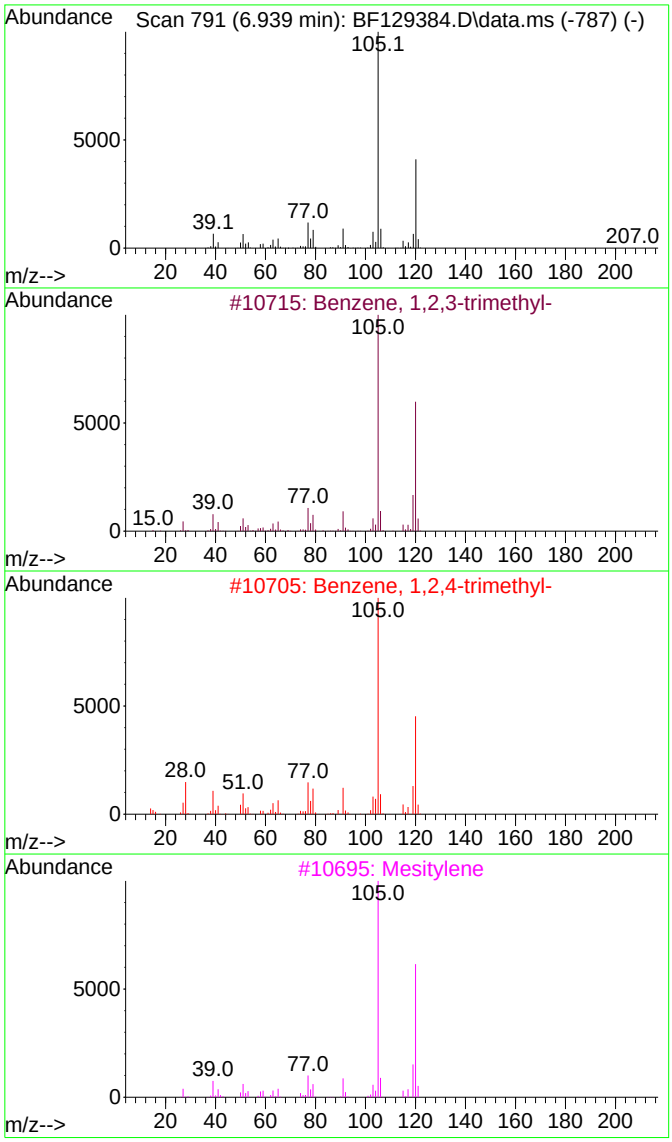
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

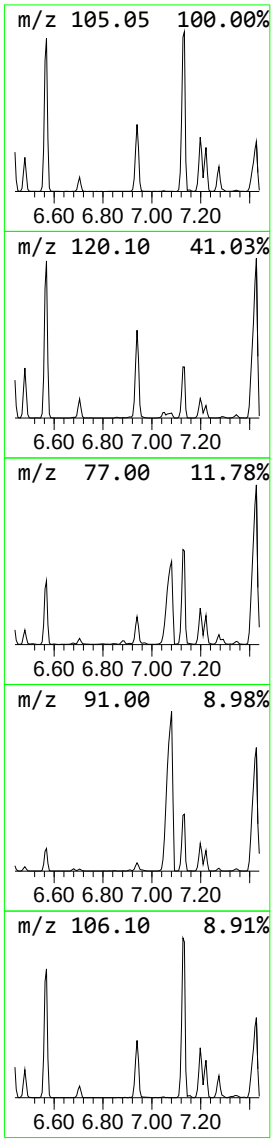
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.939	16.77 ng	1312960	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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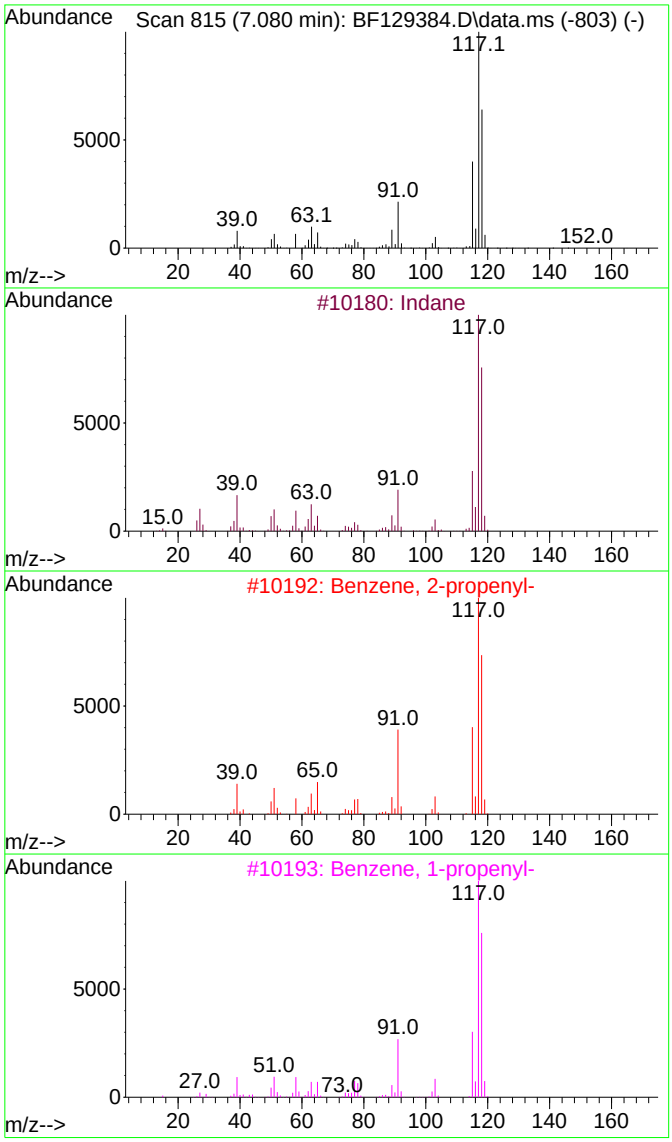
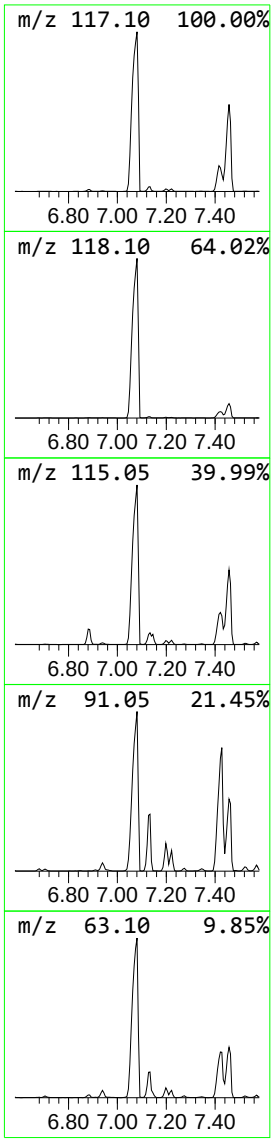
Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.080	312.45 ng	24468000	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62





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Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
2-INCH

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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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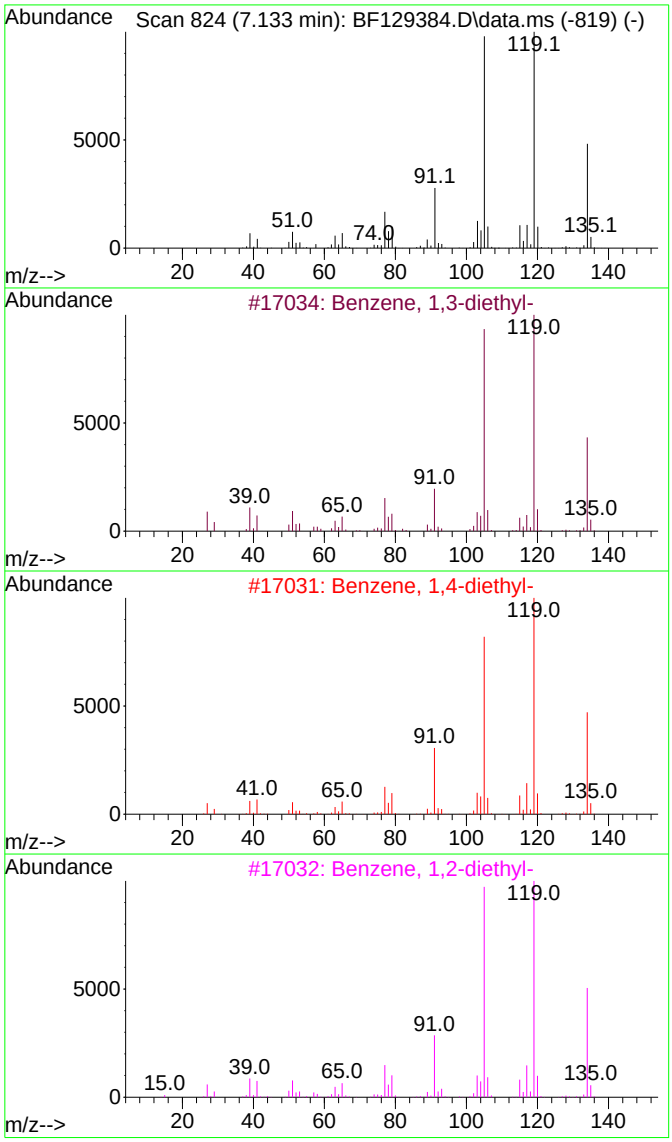
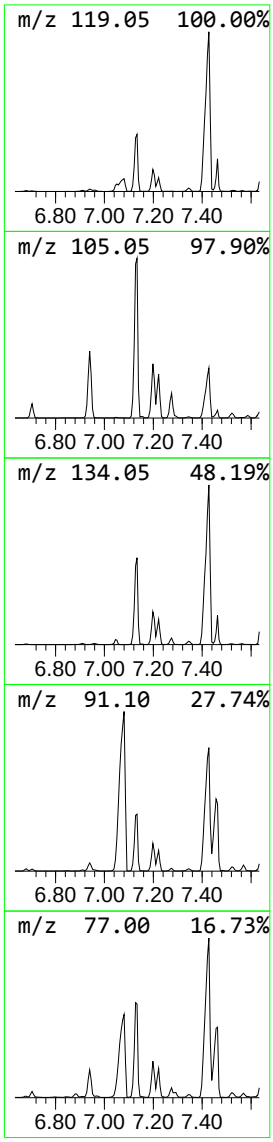
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.133	72.04 ng	5641500	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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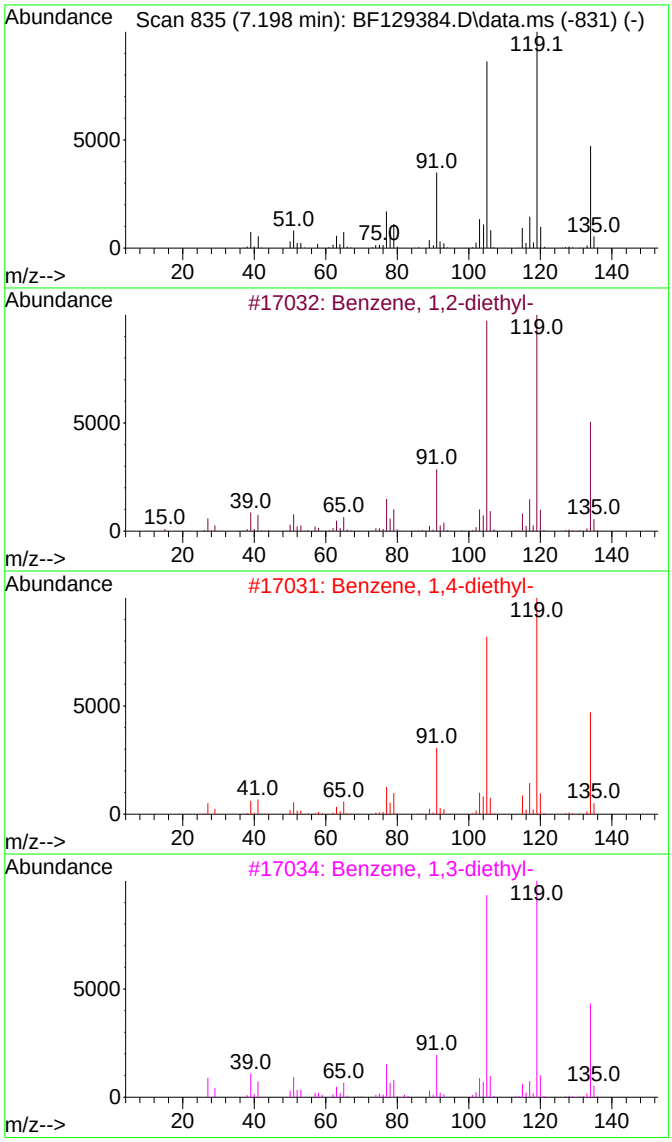
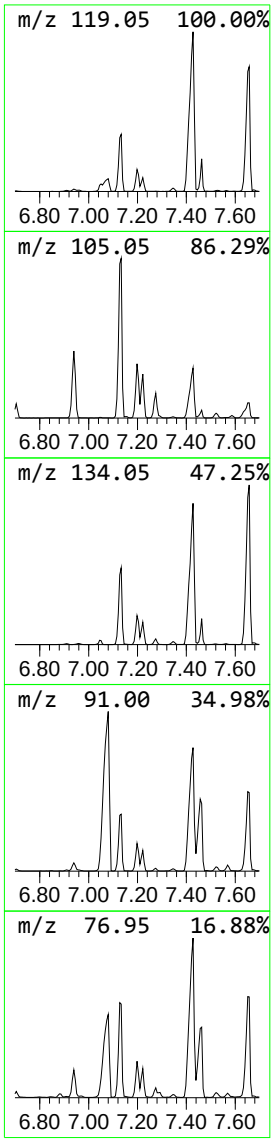
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	24.93 ng	1952030	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





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Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

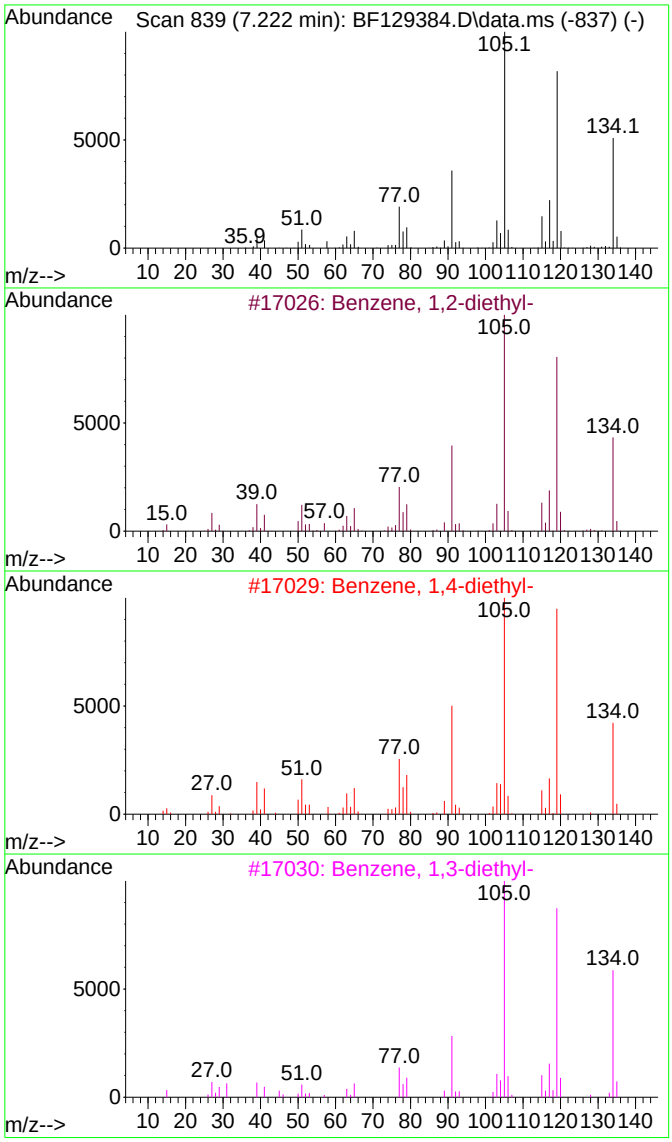
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

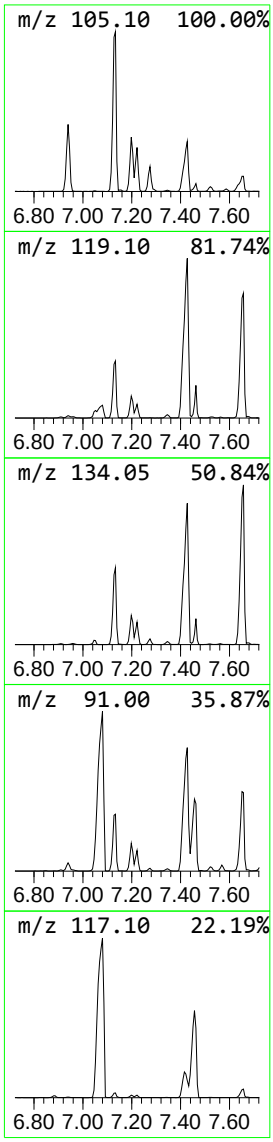
****

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.222	15.29 ng	1197160	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	74
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





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Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

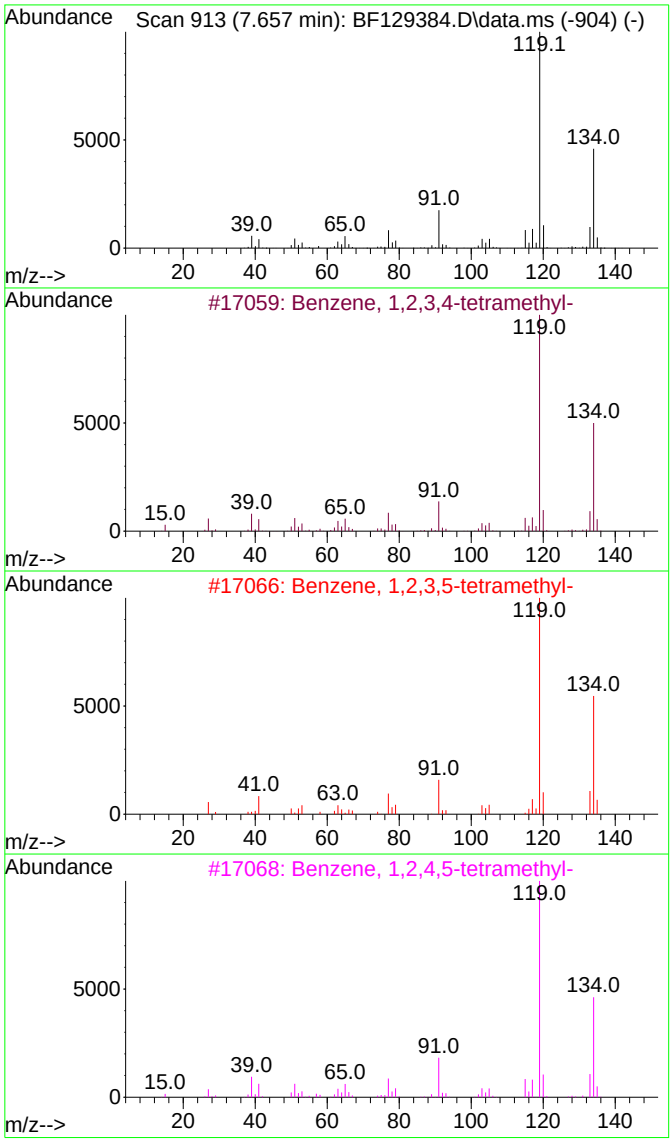
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

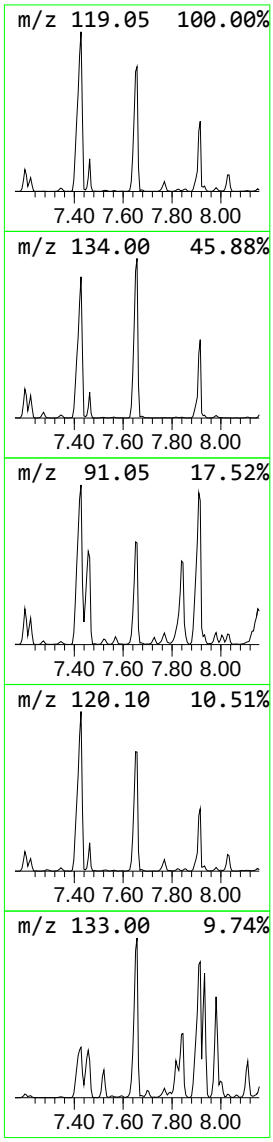
****

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.657	58.29 ng	8435590	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

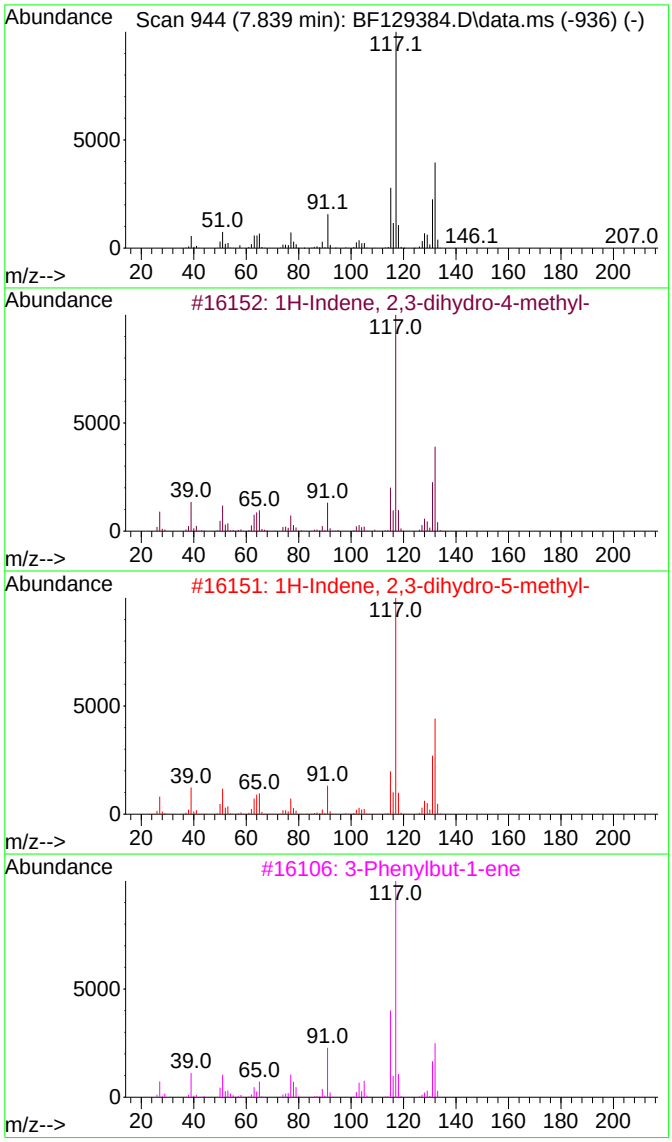
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

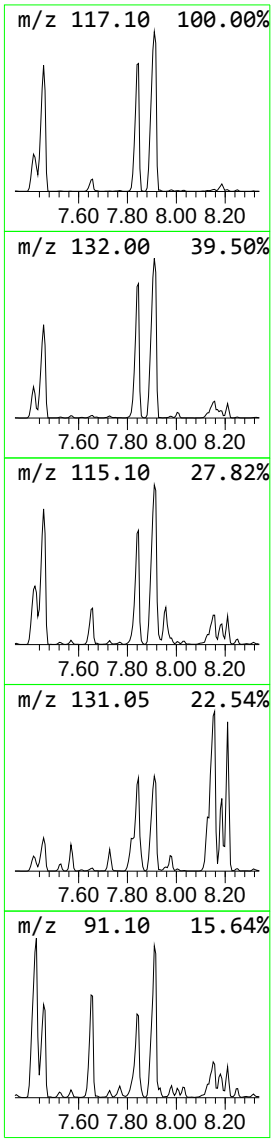
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.839	72.69 ng	10518900	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
2-INCH

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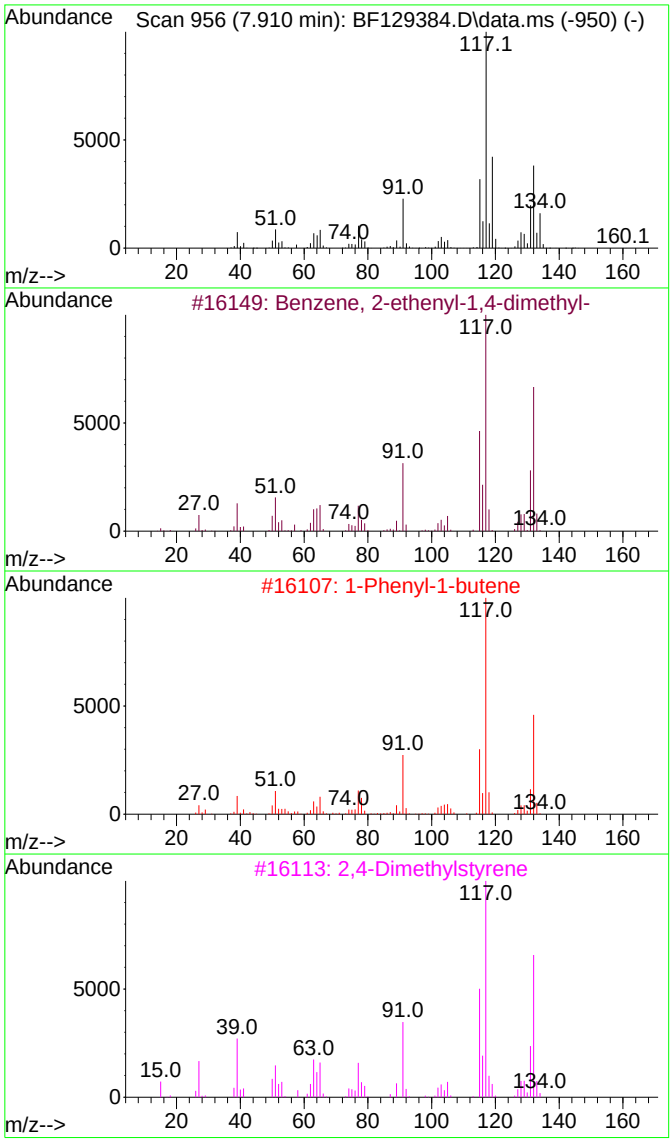
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

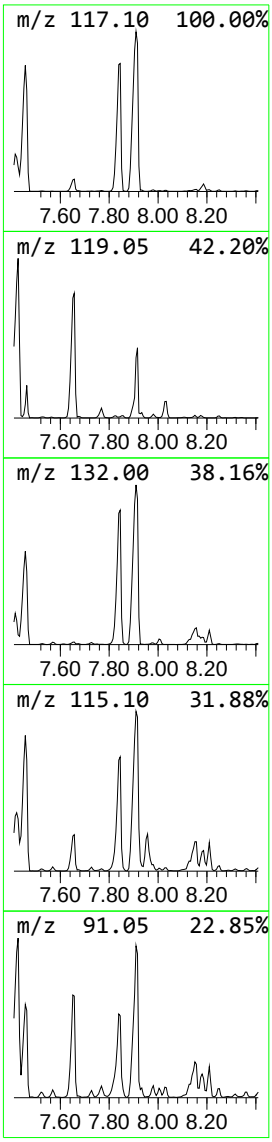
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	124.84 ng	18066700	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
2-INCH

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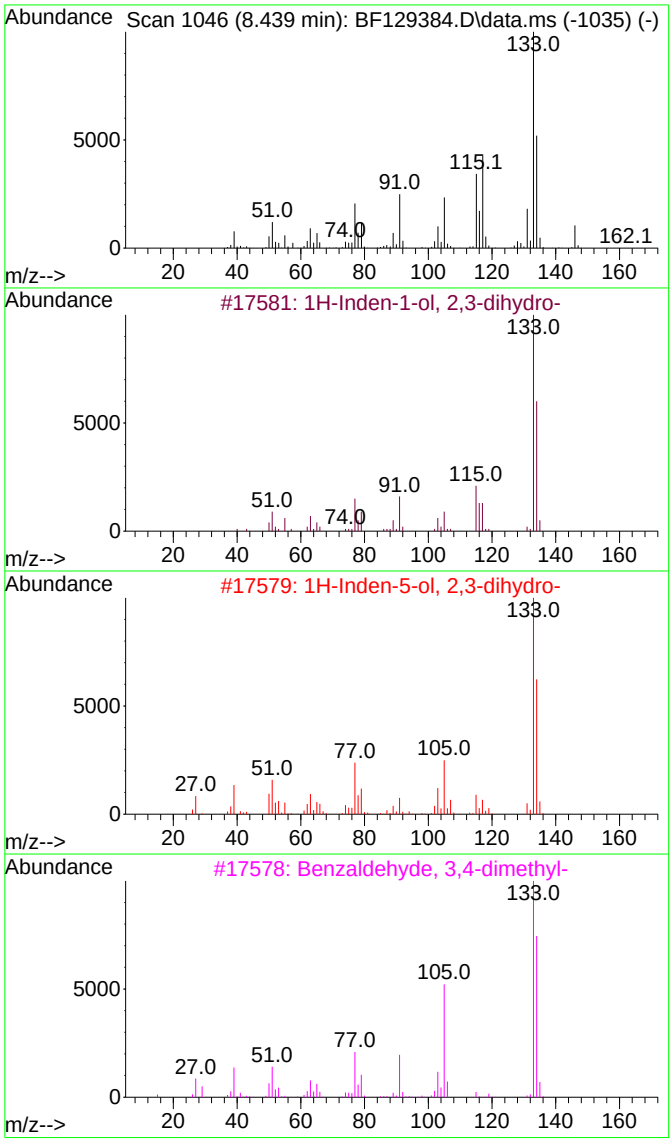
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

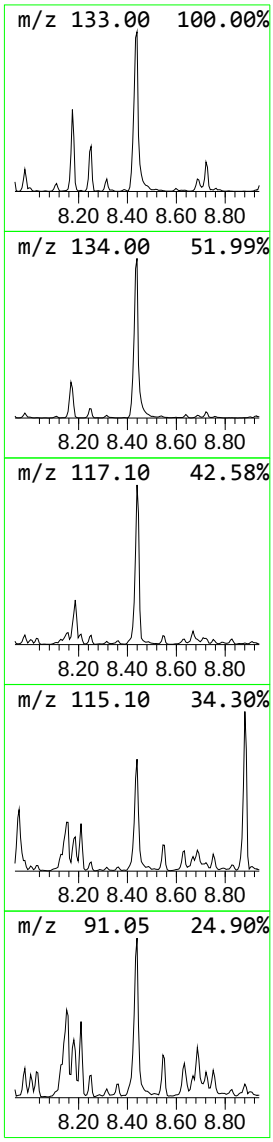
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	55.52 ng	8034340	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	94
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	70
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	55
4	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	46
5	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	055138-67-5	38





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Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

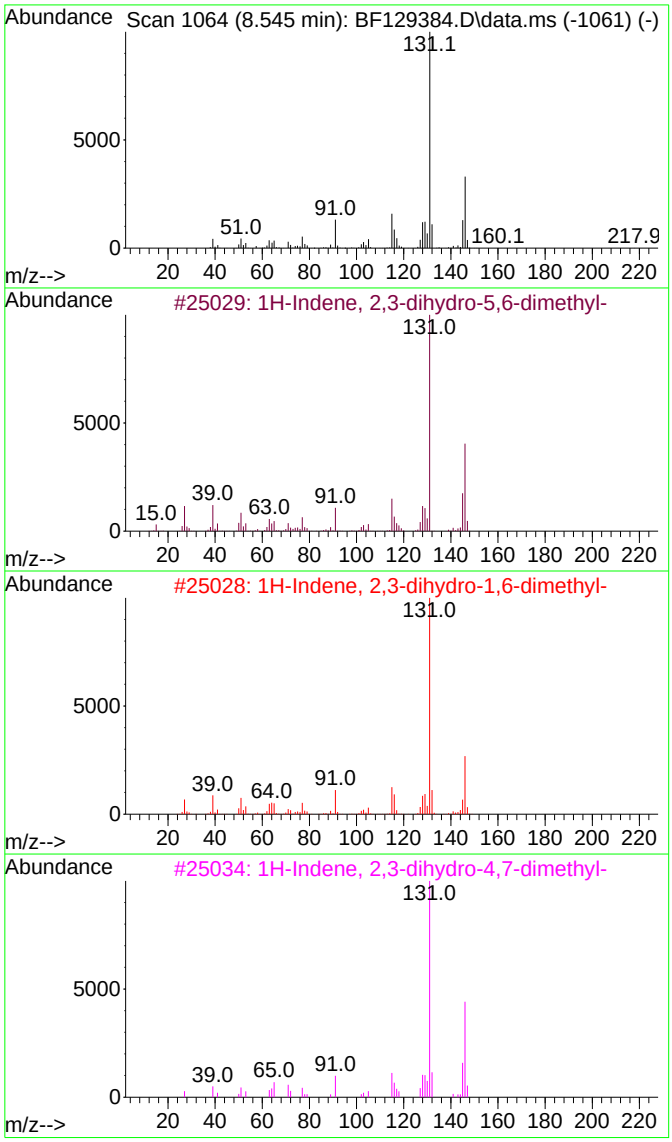
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

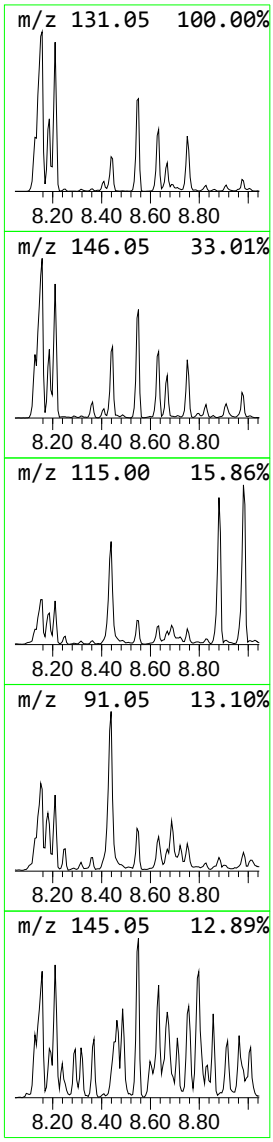
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	11.99 ng	1734440	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

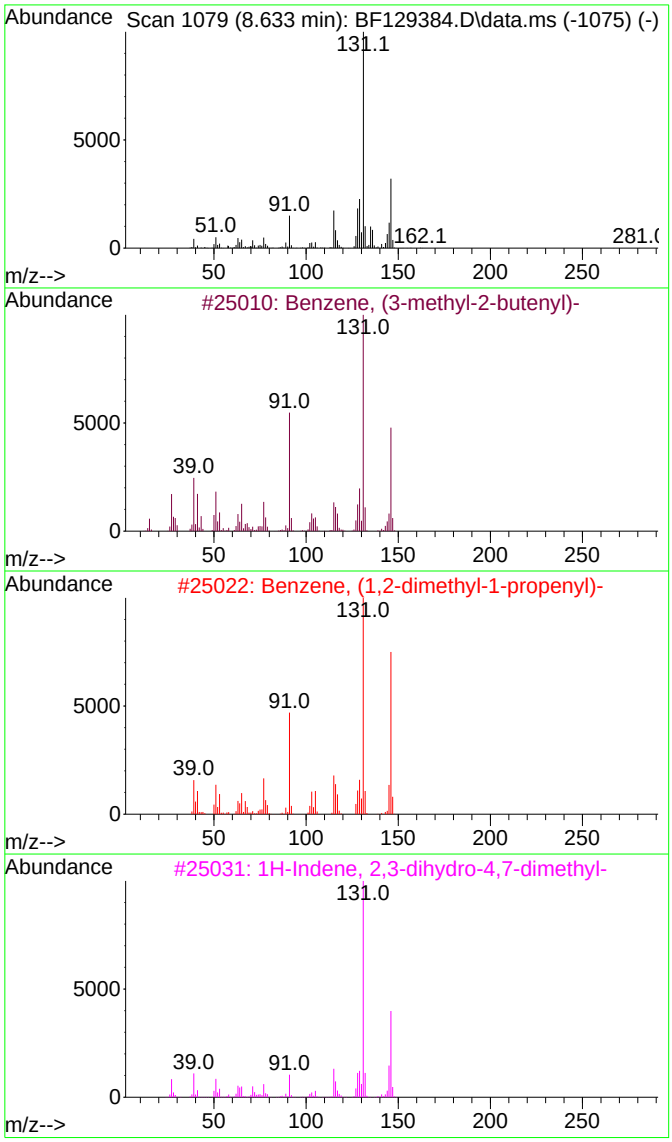
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

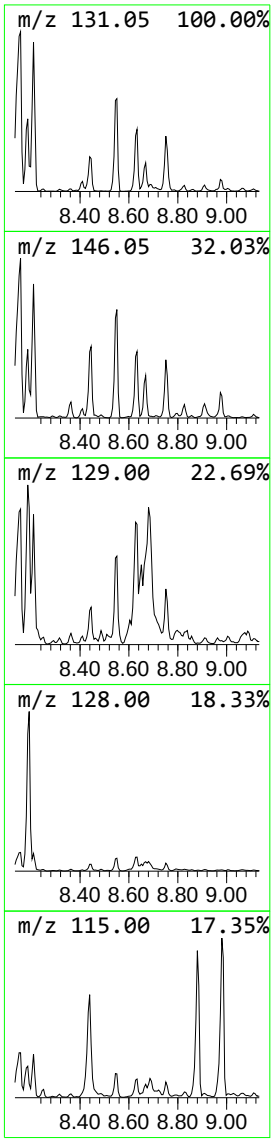
****

Peak Number 19 Benzene, (3-methyl-2-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	10.90 ng	1577570	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

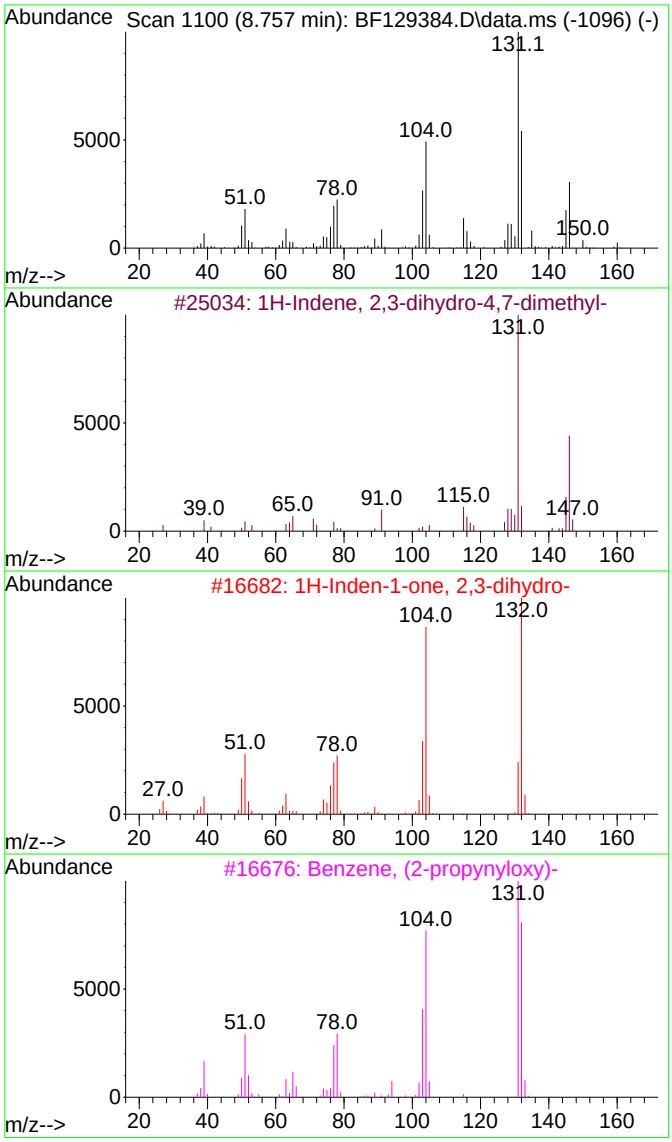
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

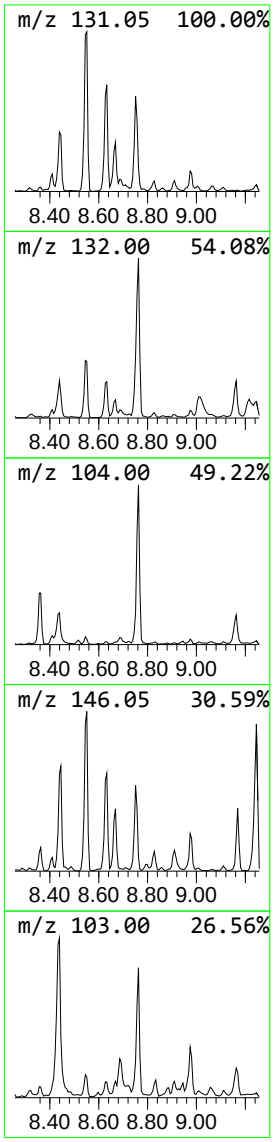
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	11.03 ng	1596670	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	83
3	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	64
4	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	58
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129384.D
Acq On : 27 Jul 2022 19:24
Operator : CG\JU
Sample : N3861-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-INCH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
Cyclopentene, 1...	2.810	10.2	ng	799838	1	6.886	1566200	20.0
Cyclobutane, (1...	3.687	27.2	ng	2127790	1	6.886	1566200	20.0
1-Ethylcyclopen...	3.757	10.8	ng	842396	1	6.886	1566200	20.0
Cyclohexene, 1-...	4.045	26.8	ng	2098580	1	6.886	1566200	20.0
Di-sec-Butyl ether	4.428	26.8	ng	2099770	1	6.886	1566200	20.0
Butane, 1-(1-me...	4.504	22.5	ng	1759120	1	6.886	1566200	20.0
Cyclopentene, 1...	4.651	11.3	ng	882002	1	6.886	1566200	20.0
Benzene, 1-ethy...	6.569	32.3	ng	2530890	1	6.886	1566200	20.0
Benzene, 1,2,3-...	6.939	16.8	ng	1312960	1	6.886	1566200	20.0
Indane	7.080	312.4	ng	24468000	1	6.886	1566200	20.0
Benzene, 1,3-di...	7.133	72.0	ng	5641500	1	6.886	1566200	20.0
Benzene, 1,2-di...	7.198	24.9	ng	1952030	1	6.886	1566200	20.0
Benzene, 1,4-di...	7.222	15.3	ng	1197160	1	6.886	1566200	20.0
Benzene, 1,2,3,...	7.657	58.3	ng	8435590	2	8.169	2894340	20.0
1H-Indene, 2,3-...	7.839	72.7	ng	10518900	2	8.169	2894340	20.0
Benzene, 2-ethe...	7.910	124.8	ng	18066700	2	8.169	2894340	20.0
1H-Inden-1-ol, ...	8.439	55.5	ng	8034340	2	8.169	2894340	20.0
1H-Indene, 2,3-...	8.545	12.0	ng	1734440	2	8.169	2894340	20.0
Benzene, (3-met...	8.633	10.9	ng	1577570	2	8.169	2894340	20.0
1H-Indene, 2,3-...	8.757	11.0	ng	1596670	2	8.169	2894340	20.0