LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.011	339	344	350	rVV	553816	901611	11.36%	0.499%
2	5.399	406	410	422	rVB	404107	724370	9.13%	0.401%
3	5.687	452	459	467	rBV2	410198	931994	11.74%	0.516%
4	5.764	467	472	477	rVV	592103	954340	12.03%	0.529%
5	5.828	479	483	491	rVB	398686	678668	8.55%	0.376%
6	6.081	518	526	534	rBV5	796315	1881309	23.71%	1.042%
7	6.205	539	547	553	rVB3	344068	853958	10.76%	0.473%
8	6.299	557	563	570	rBV3	922701	1958456	24.68%	1.085%
9	6.369	570	575	579	rBV	1435185	2132571	26.87%	1.181%
10	6.446	579	588	591	rVV3	1483058	3282293	41.36%	1.818%
11	6.475	591	593	600	rVV	908123	1377420	17.36%	0.763%
12	6.622	613	618	625	rVB3	354814	647356	8.16%	0.359%
13	6.705	625	632	638	rVB2	541073	1357007	17.10%	0.752%
14	6.787	638	646	654	rBV	678365	1427870	17.99%	0.791%
15	6.905	660	666	669	rBV2	383291	635281	8.01%	0.352%
16	6.946	669	673	679	rVV2	1156958	2292044	28.88%	1.269%
17	6.993	679	681	689	rVV2	360374	691756	8.72%	0.383%
18	7.134	700	705	710	rVV2	389158	810378	10.21%	0.449%
19	7.187	710	714	718	rVV2	466161	727142	9.16%	0.403%
20	7.264	723	727	729	rVV2	516373	847438	10.68%	0.469%
21	7.293	729	732	741	rVV4	908093	2156293	27.17%	1.194%
22	7.369	741	745	756	rVB4	730762	1904429	24.00%	1.055%
23	7.493	756	766	768	rBV5	363852	920970	11.61%	0.510%
24	7.528	768	772	777	rVB3	382474	704455	8.88%	0.390%
25	7.634	783	790	795	rBV7	386983	1026755	12.94%	0.569%
26	7.711	797	803	811	rVV4	773290	2136487	26.92%	1.183%
27	7.793	811	817	826	rVB2	1150751	2901735	36.57%	1.607%
28	7.881	826	832	837	rVB3	525568	1069562	13.48%	0.592%
29	7.999	846	852	856	rBV3	834104	1222498	15.41%	0.677%
30	8.093	860	868	876	rVB2	1517349	3461155	43.62%	1.917%
31	8.158	876	879	887	rVB3	459522	934705	11.78%	0.518%
32	8.246	890	894	899	rBV3	361521	595437	7.50%	0.330%
33	8.305	899	904	910	rBV4	475341	993192	12.52%	0.550%
34	8.363	910	914	920	rVB	850616	1447032	18.23%	0.801%
35	8.452	924	929	933	rBV2	526912	880633	11.10%	0.488%
36	8.499	933	937	944	rVB3	448427	727513	9.17%	0.403%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.634	956	960	965	rBV	817425	1241950	15.65%	0.688%
38	8.793	982	987	992	rBV5	258083	643408	8.11%	0.356%
39	8.916	997	1008	1014	rBV4	2543935	6108633	76.98%	3.383%
40	9.011	1018	1024	1031	rVB4	1216296	2580129	32.51%	1.429%
41	9.075	1032	1035	1039	rVB3	506458	732276	9.23%	0.406%
42	9.128	1039	1044	1046	rBV3	1098652	1840812	23.20%	1.020%
43	9.275	1056	1069	1075	rBV5	704998	2577307	32.48%	1.427%
44	9.399	1076	1090	1093	rVV7	603293	2147584	27.06%	1.189%
45	9.446	1093	1098	1106	rVV3	1026685	2874663	36.23%	1.592%
46	9.528	1106	1112	1118	rVV3	1379177	2759345	34.77%	1.528%
47	9.699	1135	1141	1144	rBV2	827164	1547640	19.50%	0.857%
48	9.734	1144	1147	1152	rVV2	1485688	2277508	28.70%	1.261%
49	9.787	1152	1156	1165	rVB6	1722442	3564092	44.91%	1.974%
50	9.893	1170	1174	1177	rVB3	453325	627153	7.90%	0.347%
51	10.016	1189	1195	1199	rBV3	1886993	3511088	44.25%	1.945%
52	10.058	1199	1202	1209	rVB5	525503	1126747	14.20%	0.624%
53	10.205	1220	1227	1237	rBV8	929961	2422701	30.53%	1.342%
54	10.310	1240	1245	1249	rBV	942772	1648008	20.77%	0.913%
55	10.346	1249	1251	1255	rVV3	592652	849494	10.70%	0.470%
56	10.399	1256	1260	1264	rVB3	567804	888024	11.19%	0.492%
57	10.475	1269	1273	1276	rBV3	766434	1176316	14.82%	0.652%
58	10.516	1276	1280	1285	rBV2	537738	809932	10.21%	0.449%
59	10.605	1285	1295	1301	rBV3	1628849	4681837	59.00%	2.593%
60	10.657	1301	1304	1307	rBV4	393983	599269	7.55%	0.332%
61	10.728	1312	1316	1321	rVB3	1105198	1811780	22.83%	1.003%
62	10.781	1321	1325	1330	rBV4	502151	770220	9.71%	0.427%
63	10.834	1330	1334	1342	rVB3	792625	1484556	18.71%	0.822%
64	10.910	1343	1347	1352	rVB4	661818	1127165	14.20%	0.624%
65	10.987	1355	1360	1362	rBV2	467833	815231	10.27%	0.452%
66	11.105	1377	1380	1386	rVB3	1084901	1531453	19.30%	0.848%
67	11.234	1398	1402	1405	rBV5	366331	581240	7.32%	0.322%
68	11.316	1405	1416	1423	rVB6	1900546	5337437	67.26%	2.956%
69	11.399	1427	1430	1434	rVB3	405262	564409	7.11%	0.313%
70	11.652	1467	1473	1481	rBV	4124954	7935511	100.00%	4.395%
71	11.804	1494	1499	1507	rVB2	1444787	2438799	30.73%	1.351%
72	11.899	1508	1515	1520	rBV4	913493	1903544	23.99%	1.054%
73	12.063	1541	1543	1550	rVB7	432806	777447	9.80%	0.431%
74	12.275	1575	1579	1585	rVB	2759862	4625573	58.29%	2.562%
75	12.493	1611	1616	1620	rBV	2008815	3441062	43.36%	1.906%
76	12.740	1653	1658	1664	rVB4	1218230	2154144	27.15%	1.193%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
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Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.999	1697	1702	1707	rVB2	3640240	5487356	69.15%	3.039%
78	13.240	1739	1743	1744	rBV	505431	610686	7.70%	0.338%
79	13.446	1775	1778	1782	rBV3	447942	604209	7.61%	0.335%
80	13.634	1802	1810	1814	rBV2	871883	2333169	29.40%	1.292%
81	13.775	1829	1834	1839	rVV	1428285	2625142	33.08%	1.454%
82	13.828	1839	1843	1848	rVV	1362169	2240566	28.23%	1.241%
83	13.875	1848	1851	1855	rVV	833833	1056431	13.31%	0.585%
84	13.946	1858	1863	1867	rVB2	2582127	3606624	45.45%	1.998%
85	14.287	1917	1921	1928	rVB2	1381398	2333672	29.41%	1.293%
86	14.363	1929	1934	1938	rBV5	363937	705624	8.89%	0.391%
87	14.428	1940	1945	1946	rVV3	1004420	1395434	17.58%	0.773%
88	14.451	1947	1949	1956	rVB	1423912	1982352	24.98%	1.098%
89	14.981	2036	2039	2047	rBV4	614599	974571	12.28%	0.540%
90	15.081	2052	2056	2059	rBV2	496099	788044	9.93%	0.436%
91	15.245	2080	2084	2088	rVB	964956	1249504	15.75%	0.692%
92	15.722	2161	2165	2171	rVB	709190	1109293	13.98%	0.614%
93	16.204	2243	2247	2252	rVB	1461552	2092160	26.36%	1.159%
94	17.028	2384	2387	2395	rVB	937541	1604361	20.22%	0.889%
95	17.216	2415	2419	2427	rBV	1350729	2212013	27.87%	1.225%
96	17.887	2531	2533	2538	rVB2	968390	1147114	14.46%	0.635%
97	18.992	2718	2721	2723	rBV	2129242	2337018	29.45%	1.294%
98	19.022	2723	2726	2732	rVB2	2557491	3122957	39.35%	1.730%
99	19.286	2768	2771	2774	rVB	1479218	1733863	21.85%	0.960%
100	21.310	3113	3115	3120	rVB	2070484	2469248	31.12%	1.368%

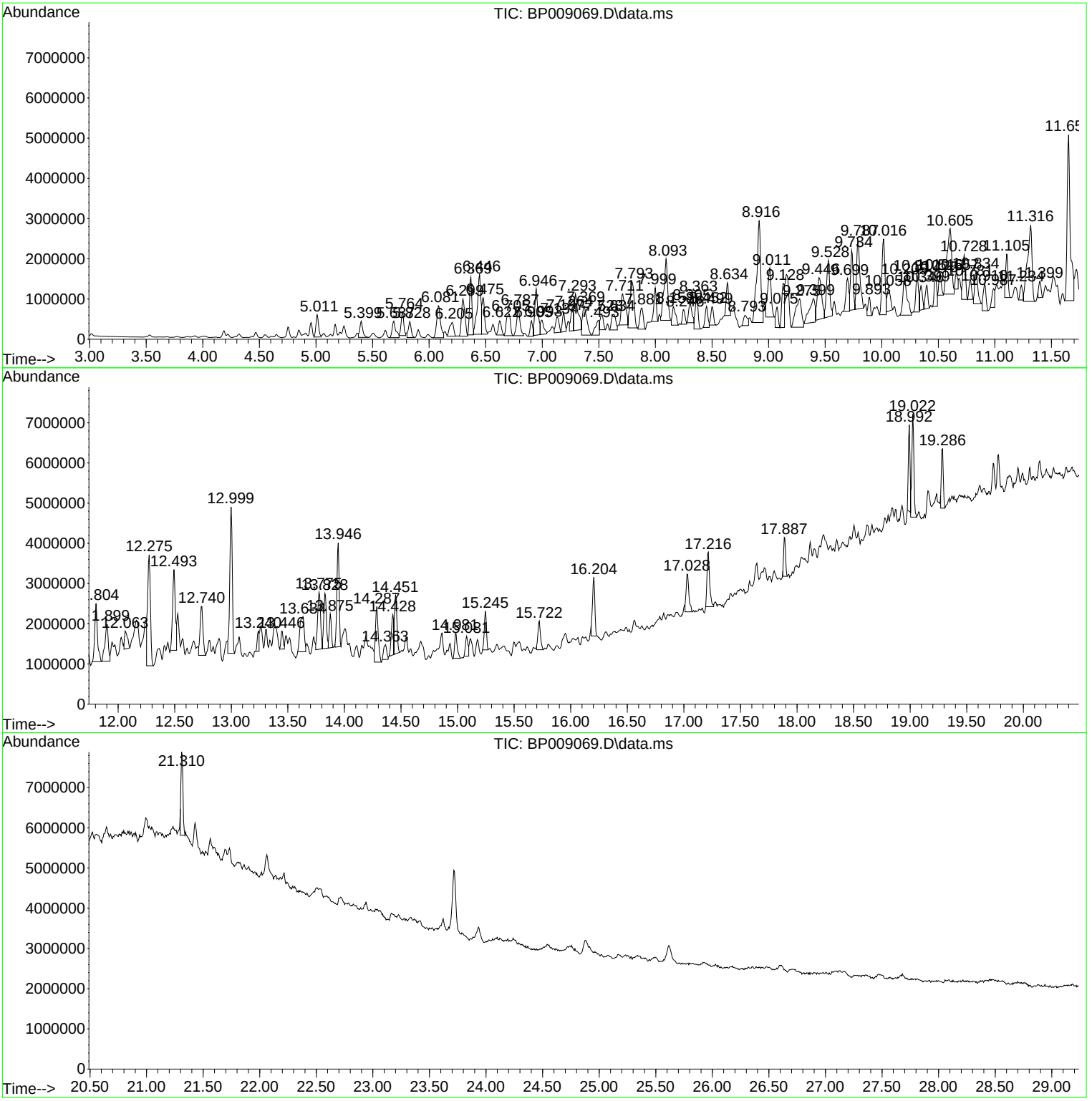
Sum of corrected areas: 180553011

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

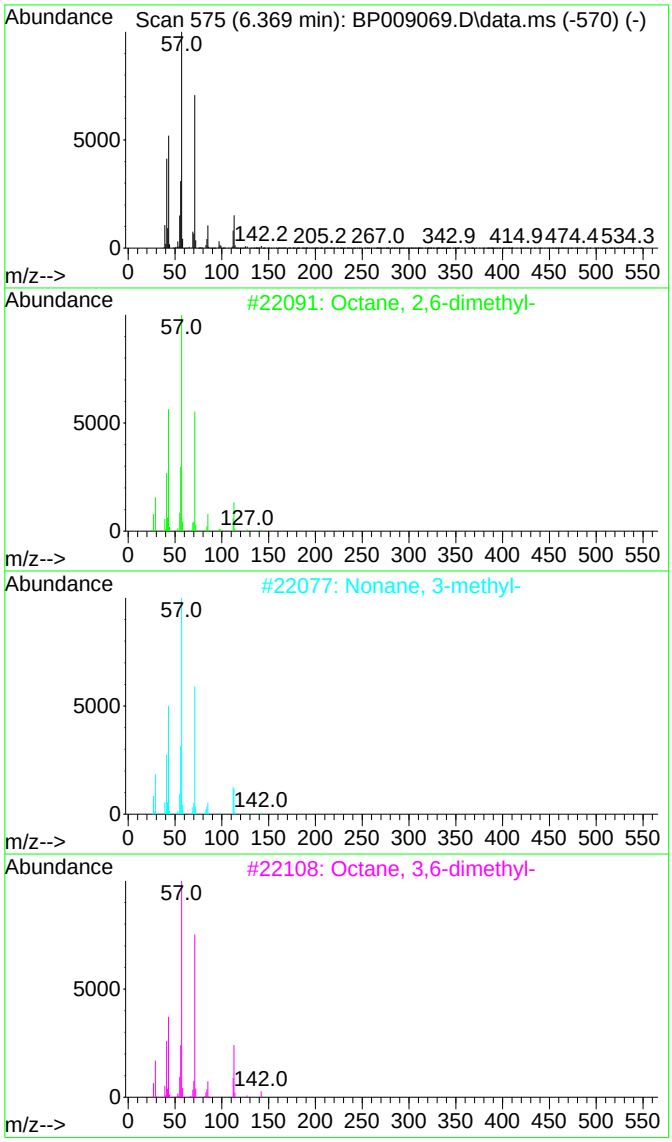
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

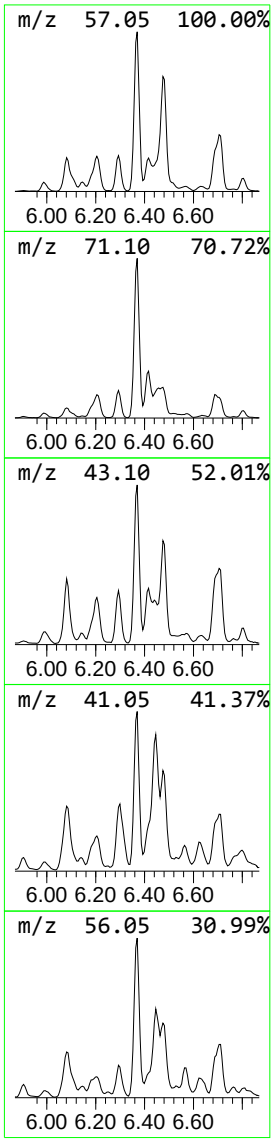
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	14.70 ng	2132570	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

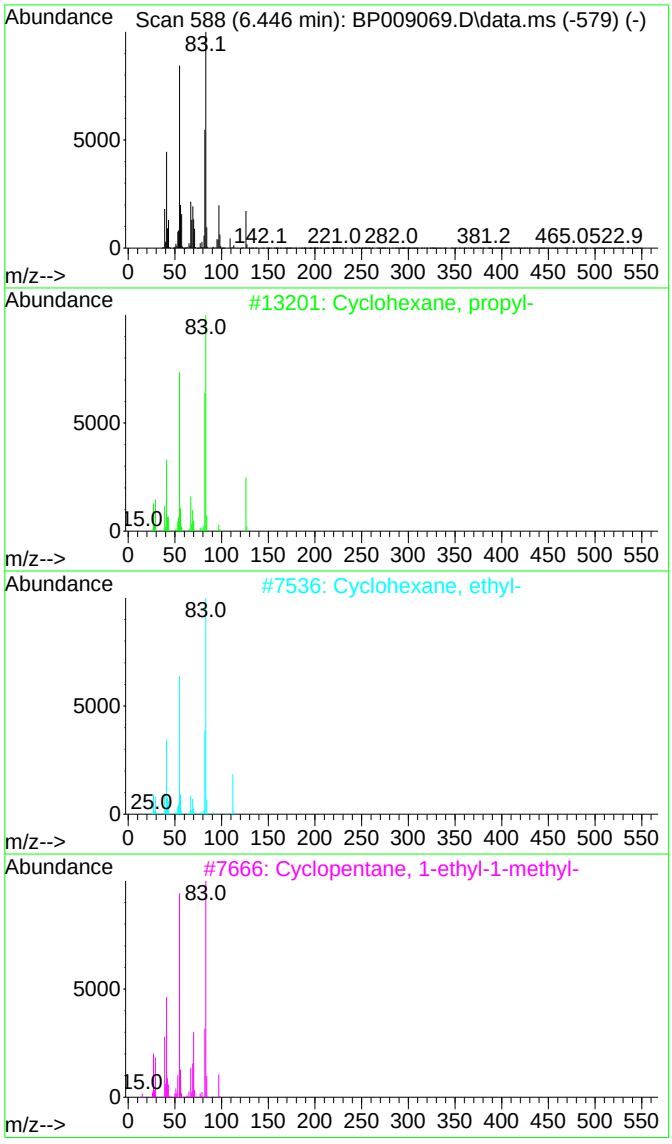
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

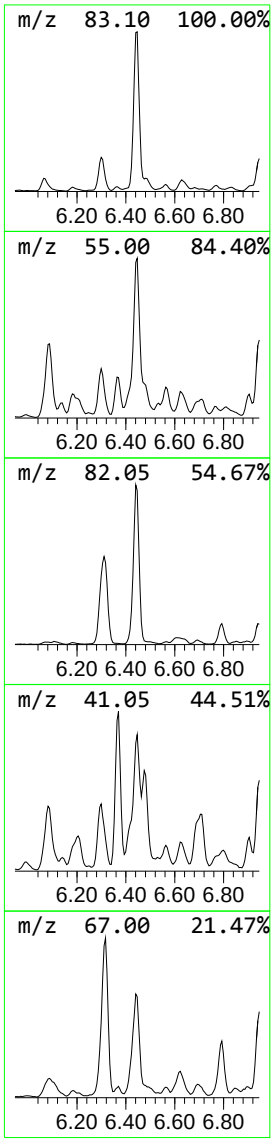
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.446	22.62 ng	3282290	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5	Lomustine	233	C9H16ClN3O2	013010-47-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
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DB-11(15-20)-02-02-22

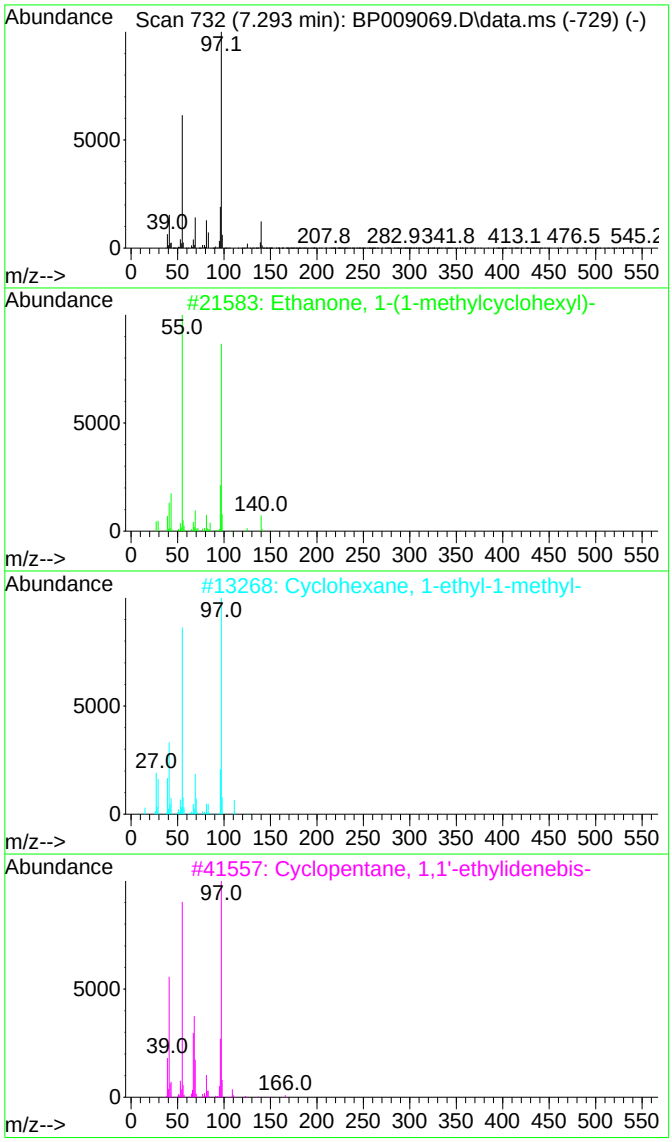
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

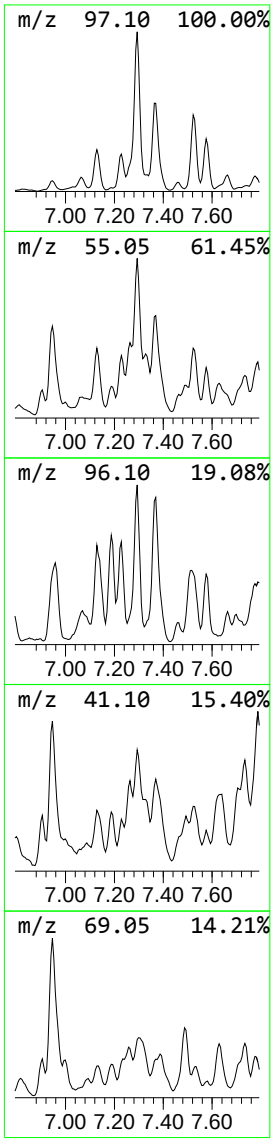
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanone, 1-(1-methylcycloh... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.293	14.86 ng	2156290	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
3	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	64
4	cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	64
5	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

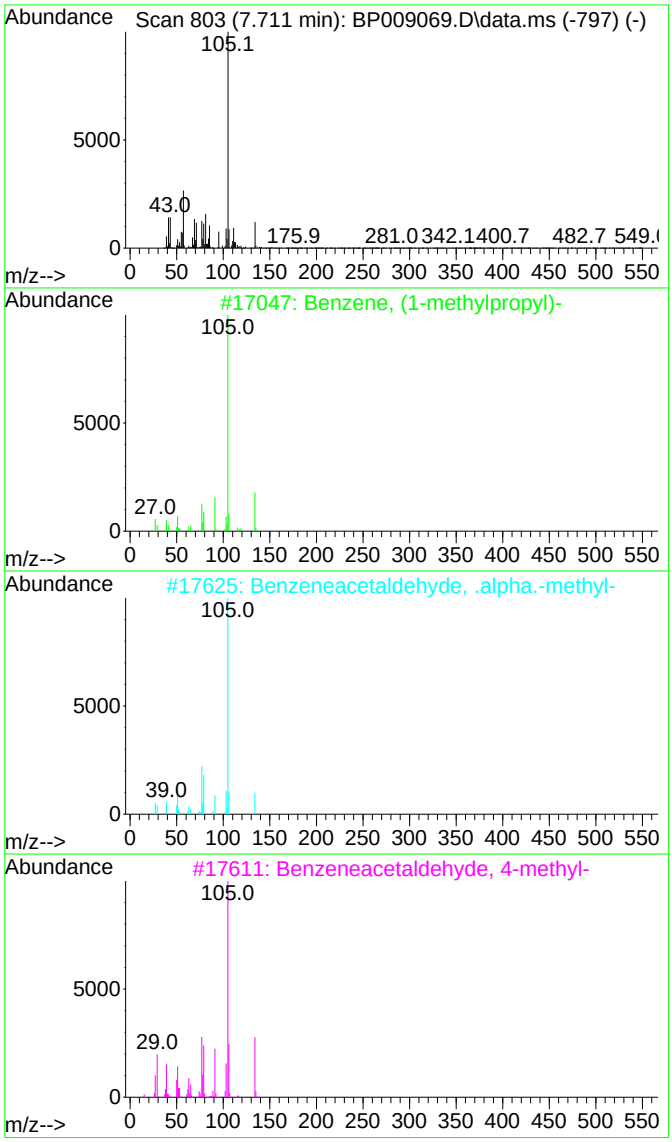
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

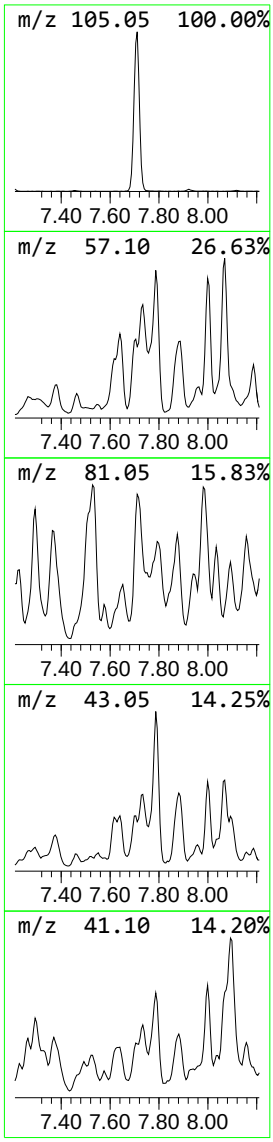
****

Peak Number 4 unknown7.711 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.711	14.73 ng	2136490	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	43
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

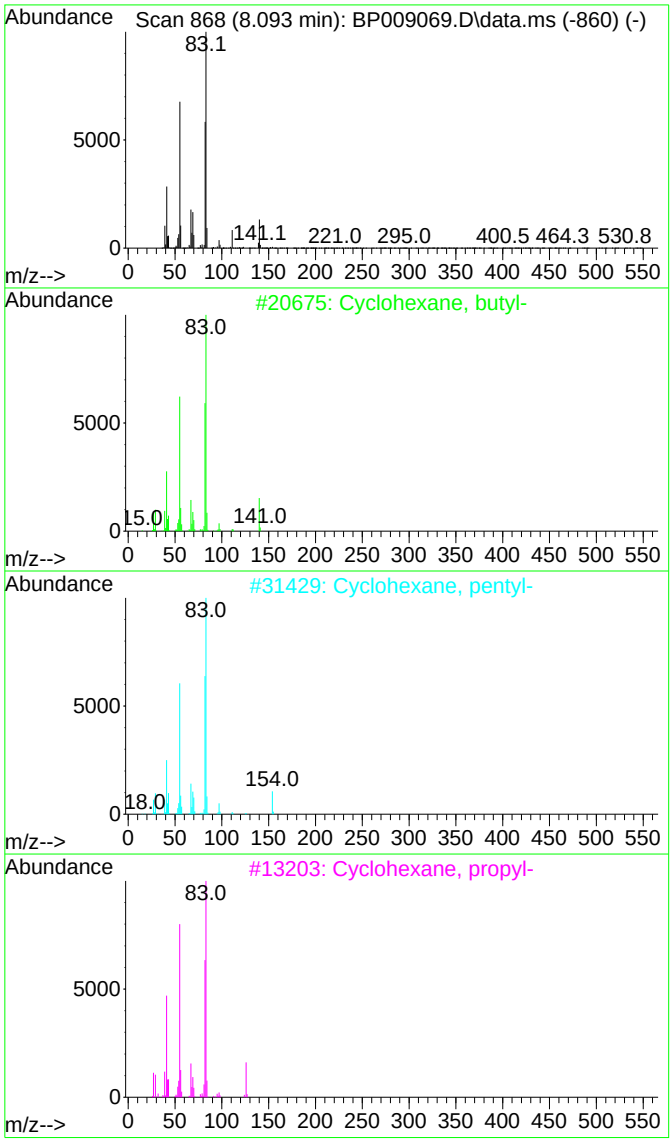
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

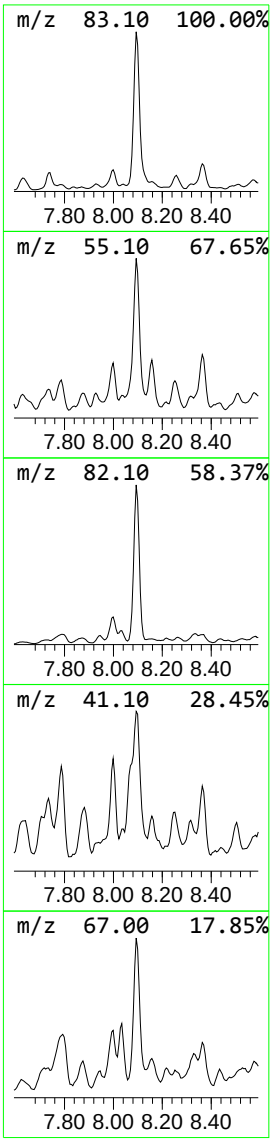
****

Peak Number 5 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	23.86 ng	3461160	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	94
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	59





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Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

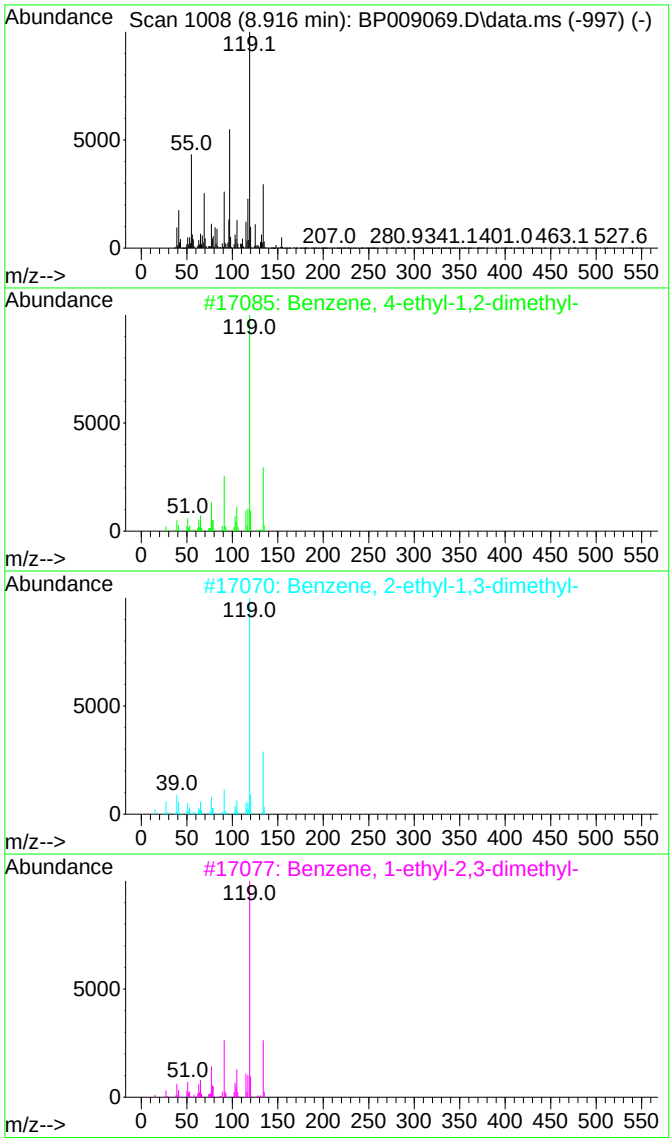
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

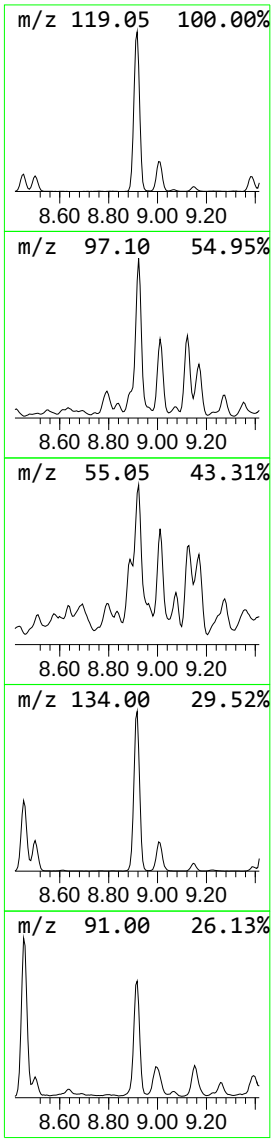
****

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	42.10 ng	6108630	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4	o-Cymene	134	C10H14	000527-84-4	60
5	p-Cymene	134	C10H14	000099-87-6	55





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Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-11(15-20)-02-02-22

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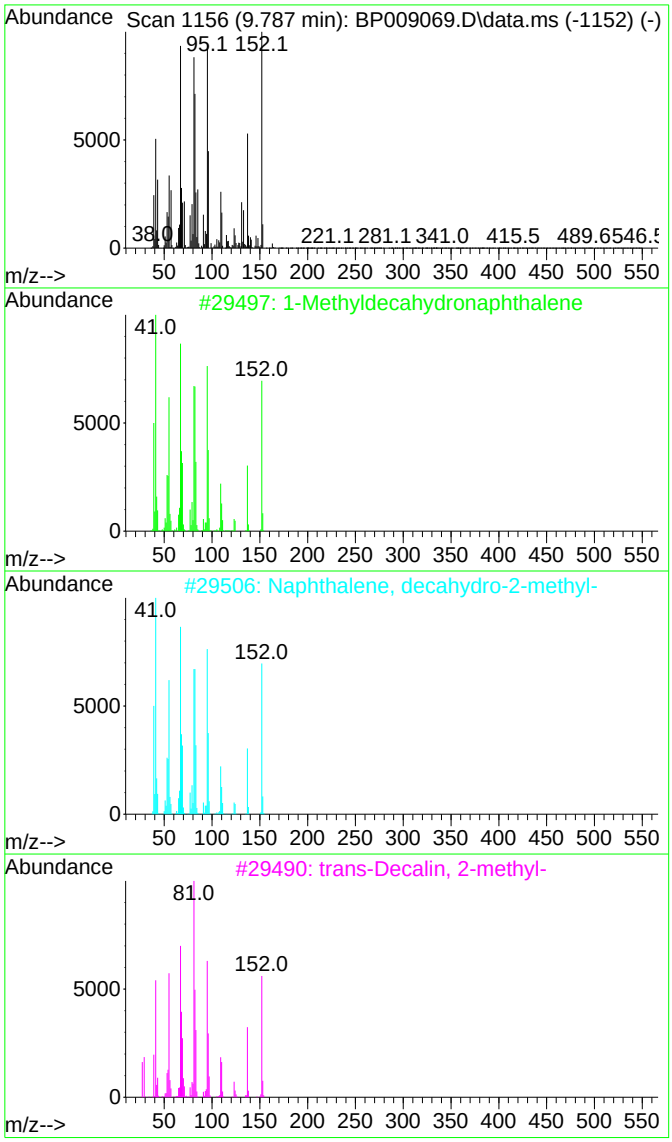
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

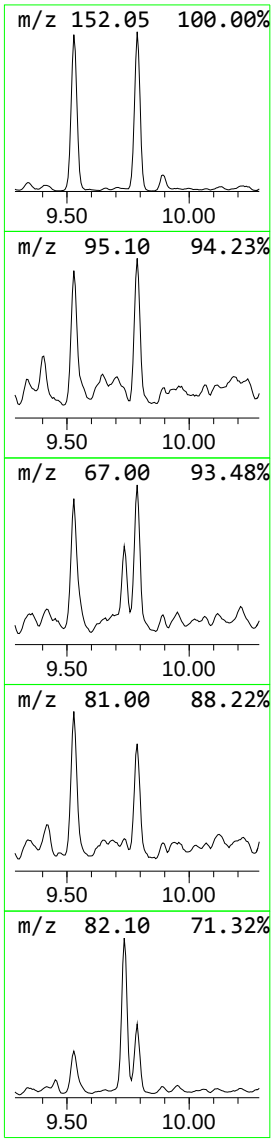
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.787	15.23 ng	3564090	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

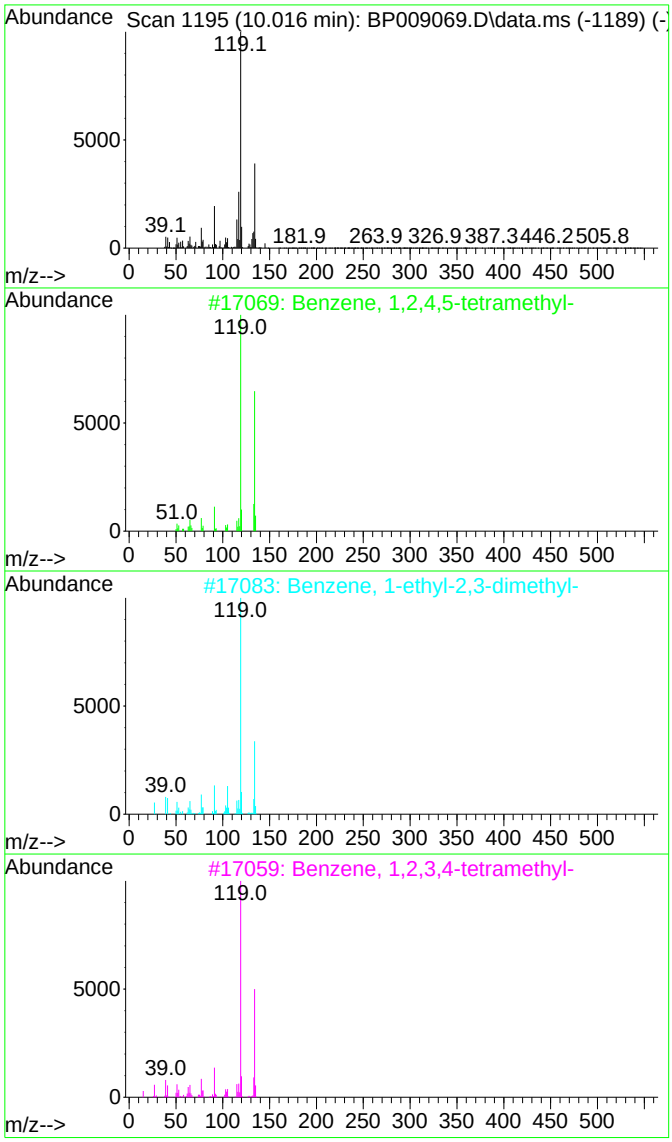
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

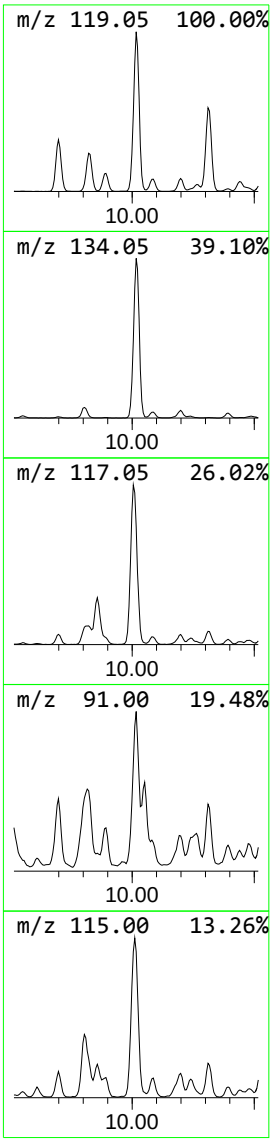
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	15.00 ng	3511090	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

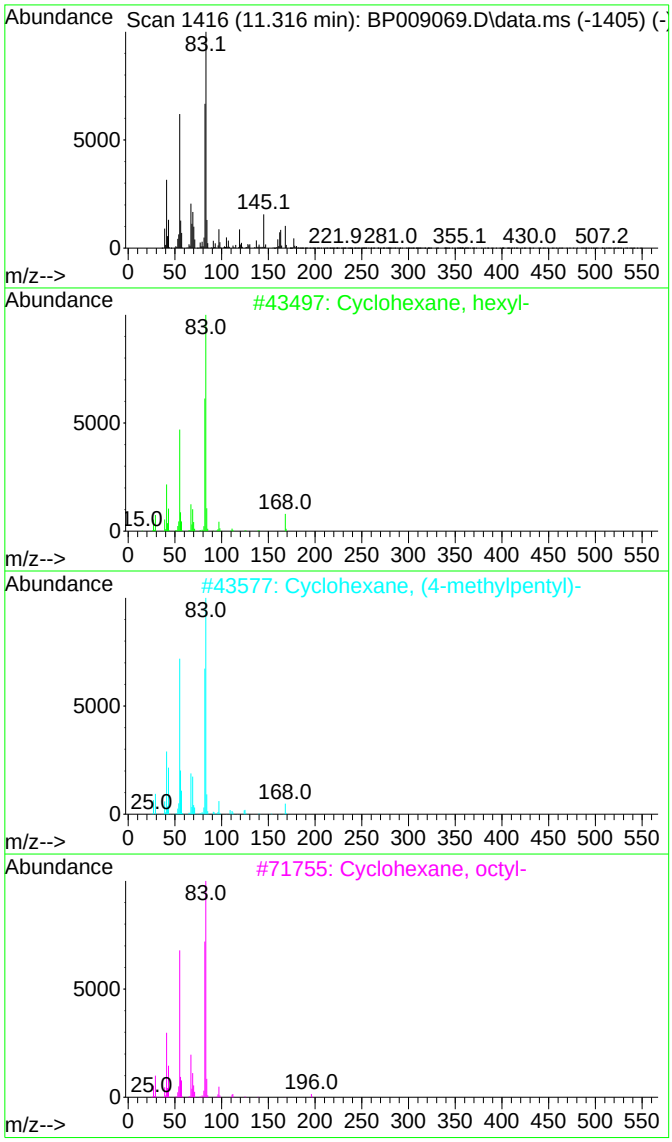
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

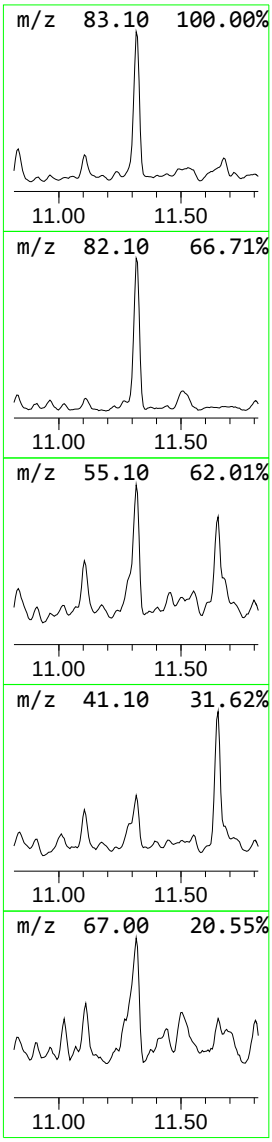
****

Peak Number 9 Cyclohexane, hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	22.80 ng	5337440	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	59





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DB-11(15-20)-02-02-22

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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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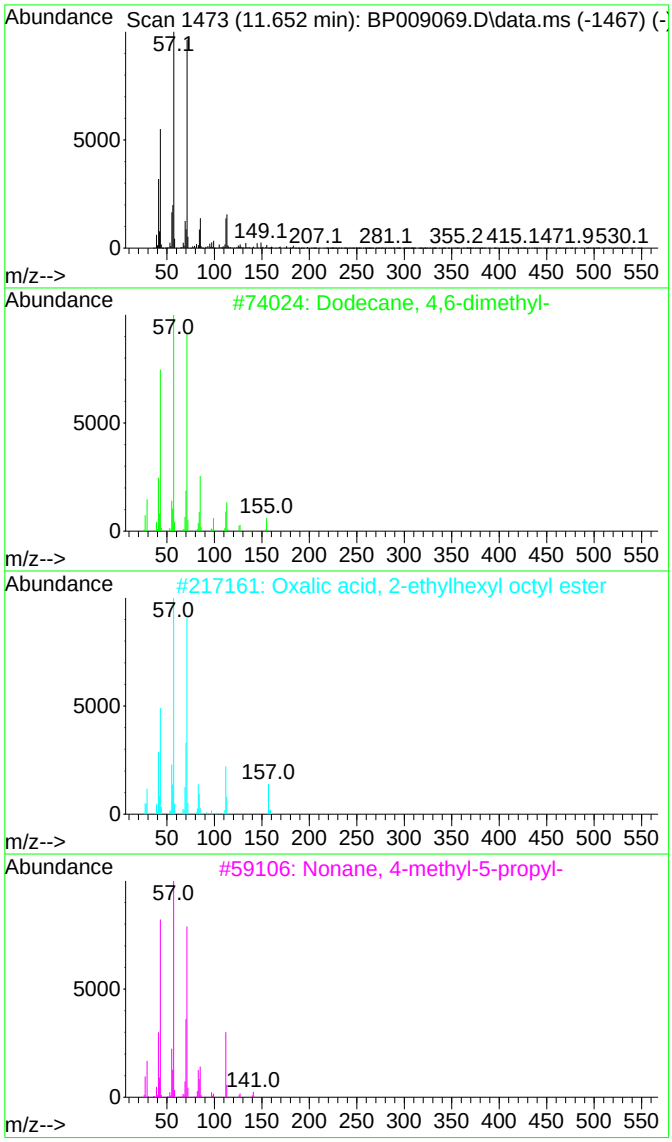
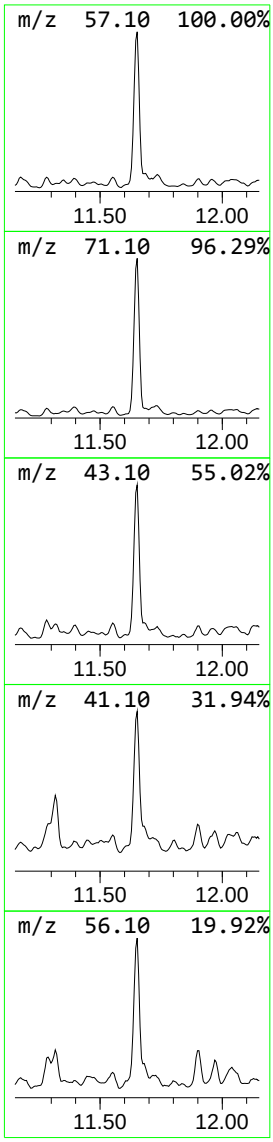
Peak Number 10 Dodecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.652	33.90 ng	7935510	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
2	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	72
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5	Decane, 4-methyl-	156	C11H24	002847-72-5	59





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-11(15-20)-02-02-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

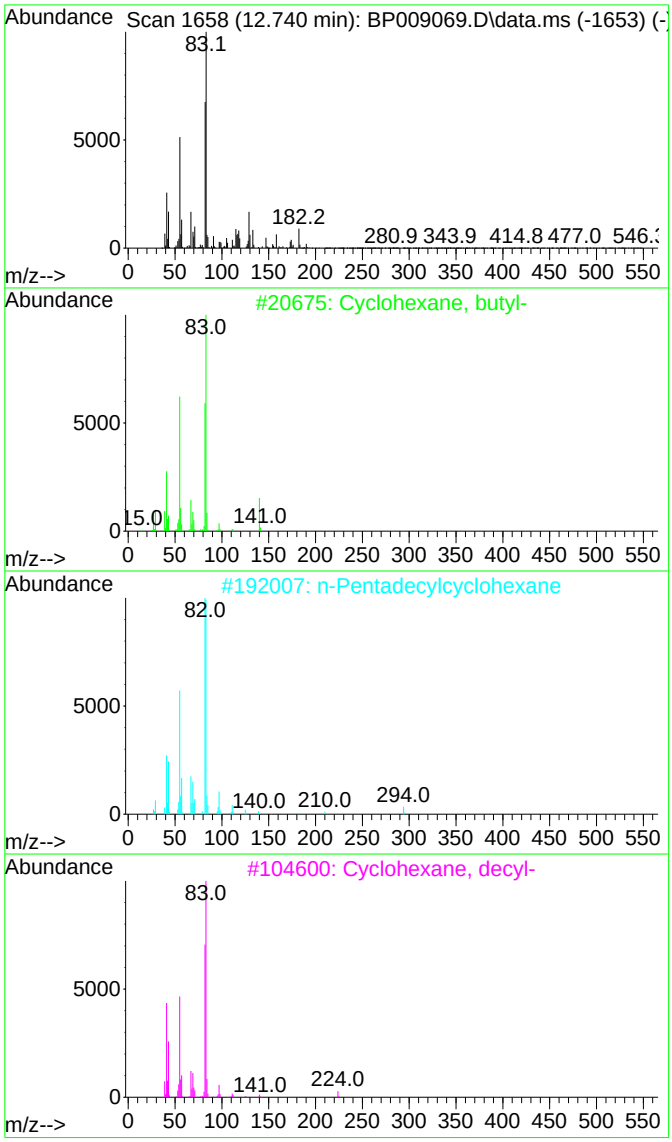
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

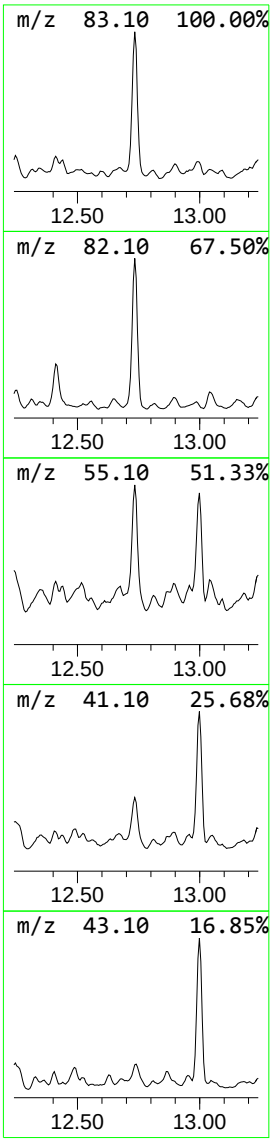
****

Peak Number 11 n-Pentadecylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.740	21.73 ng	2154140	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
2	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	53
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	53
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
5	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	46





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Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-11(15-20)-02-02-22

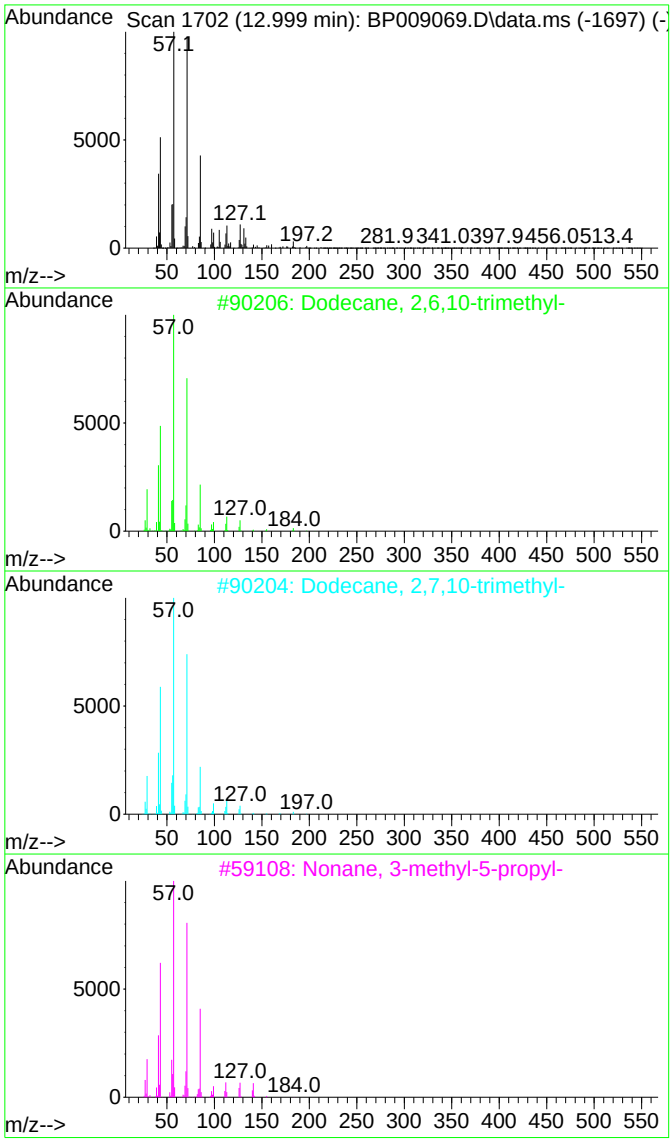
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

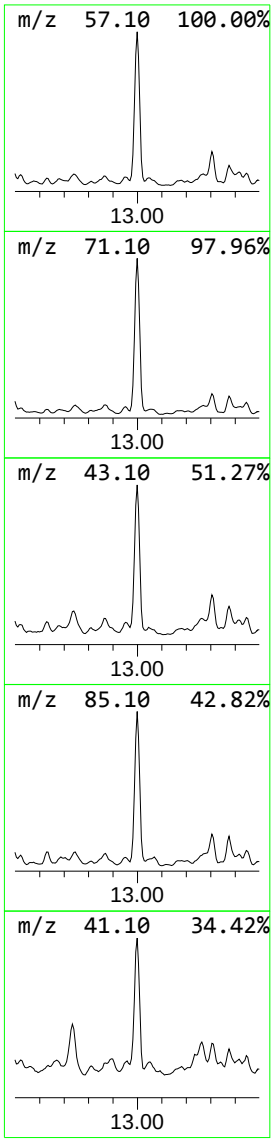
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.999	55.36 ng	5487360	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62





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Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

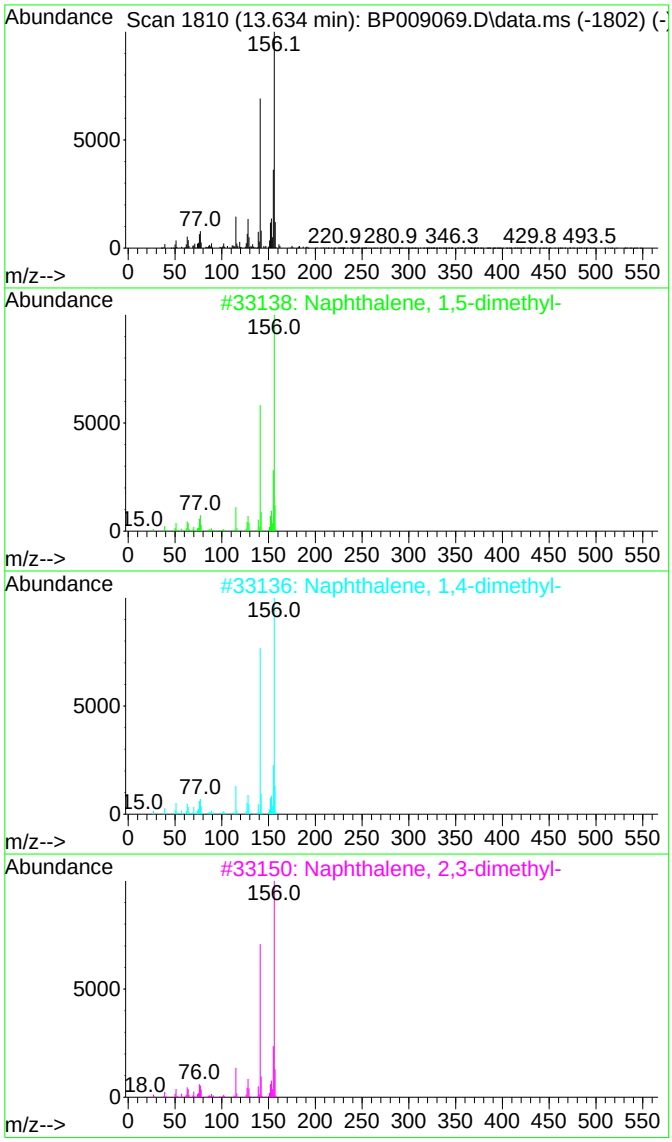
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

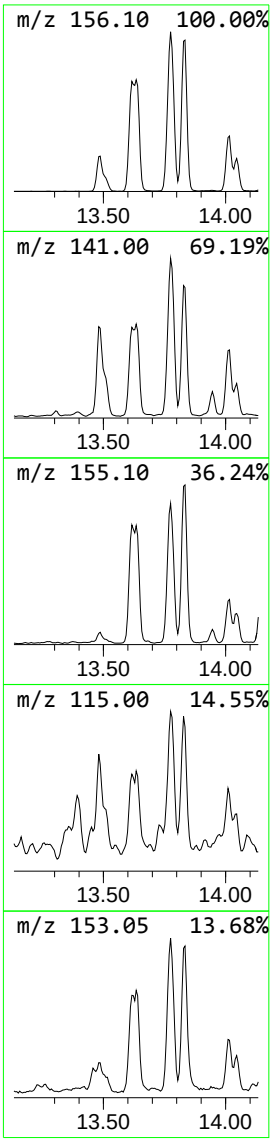
****

Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.634	23.54 ng	2333170	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

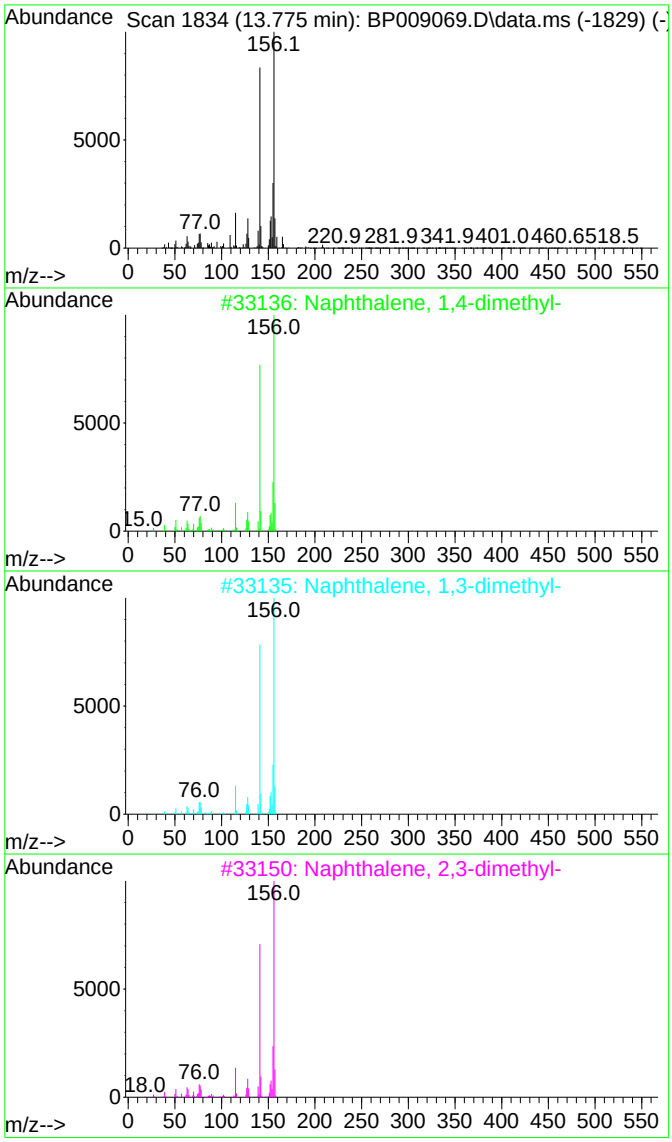
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

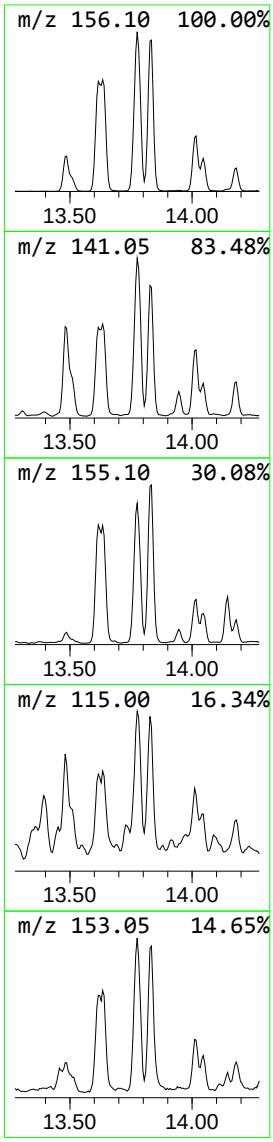
****

Peak Number 14 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	26.49 ng	2625140	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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ALS Vial : 19 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

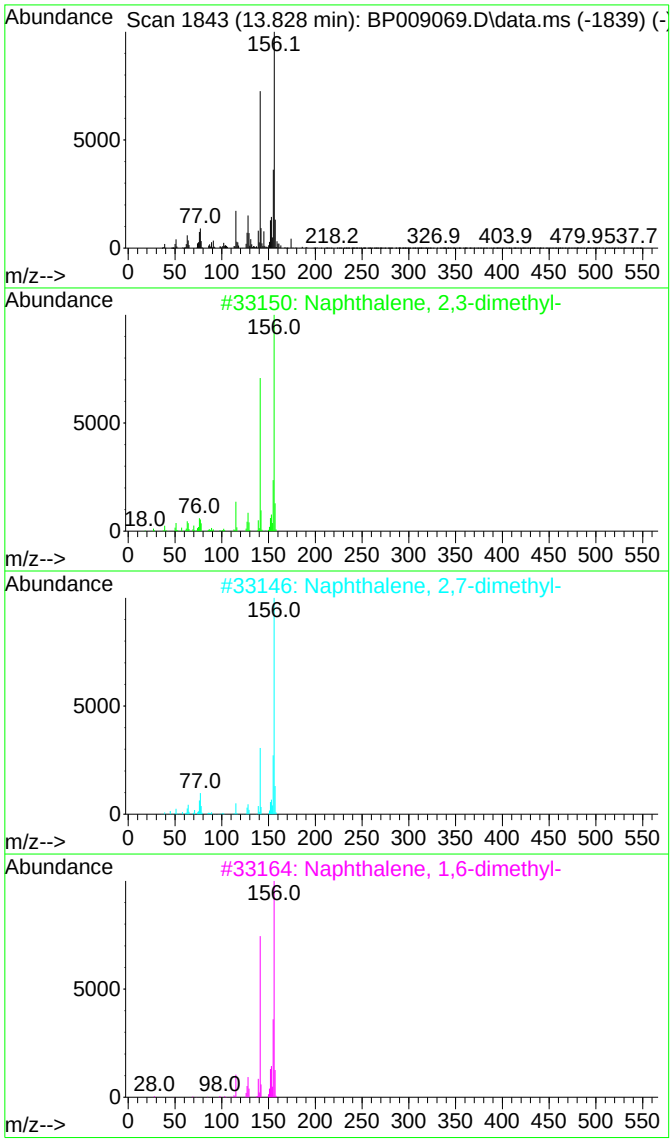
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

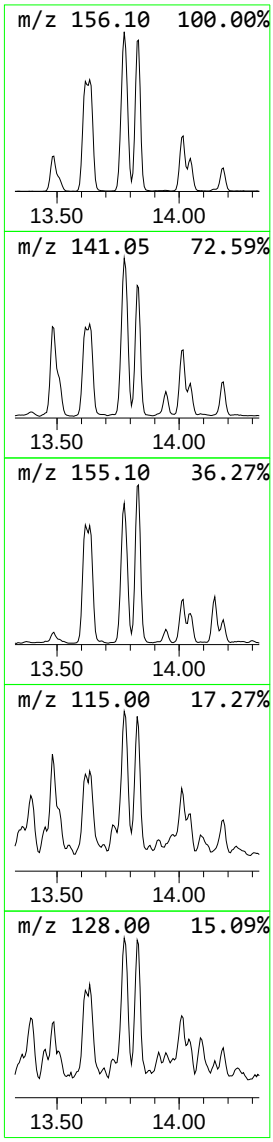
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	22.61 ng	2240570	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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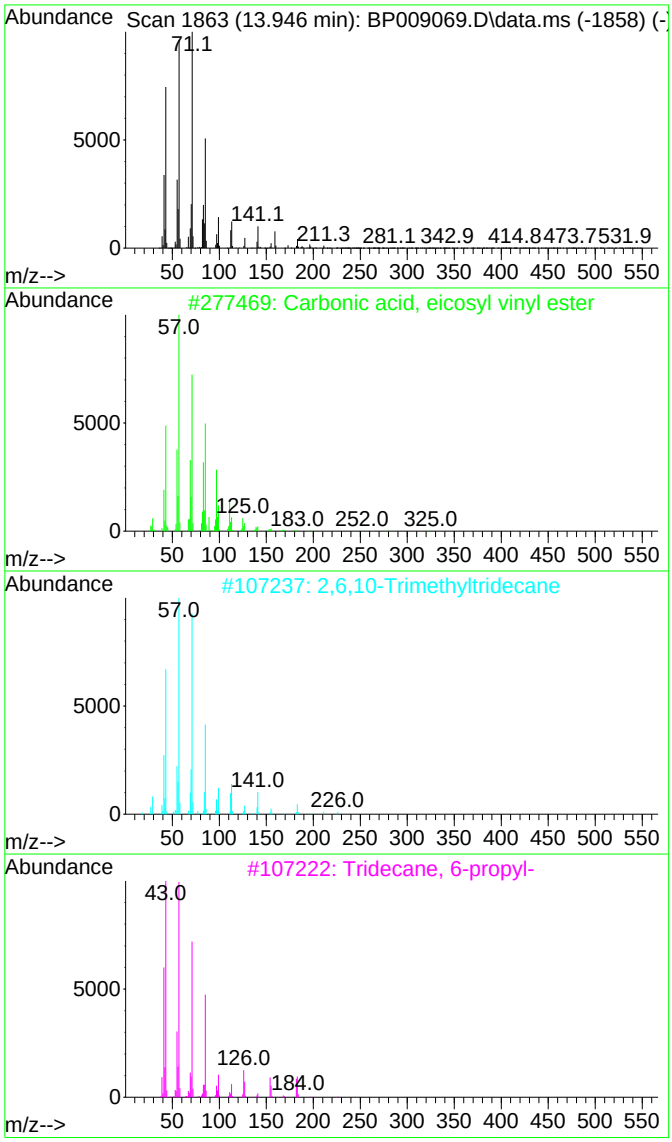
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

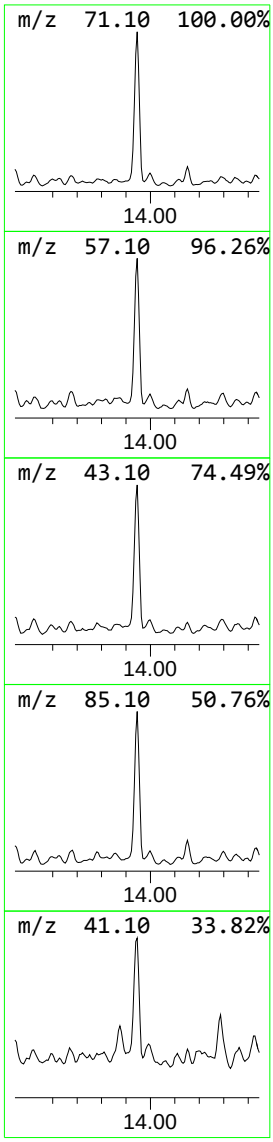
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, eicosyl viny... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	36.39 ng	3606620	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	74
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
5	Tridecane	184	C13H28	000629-50-5	60





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Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

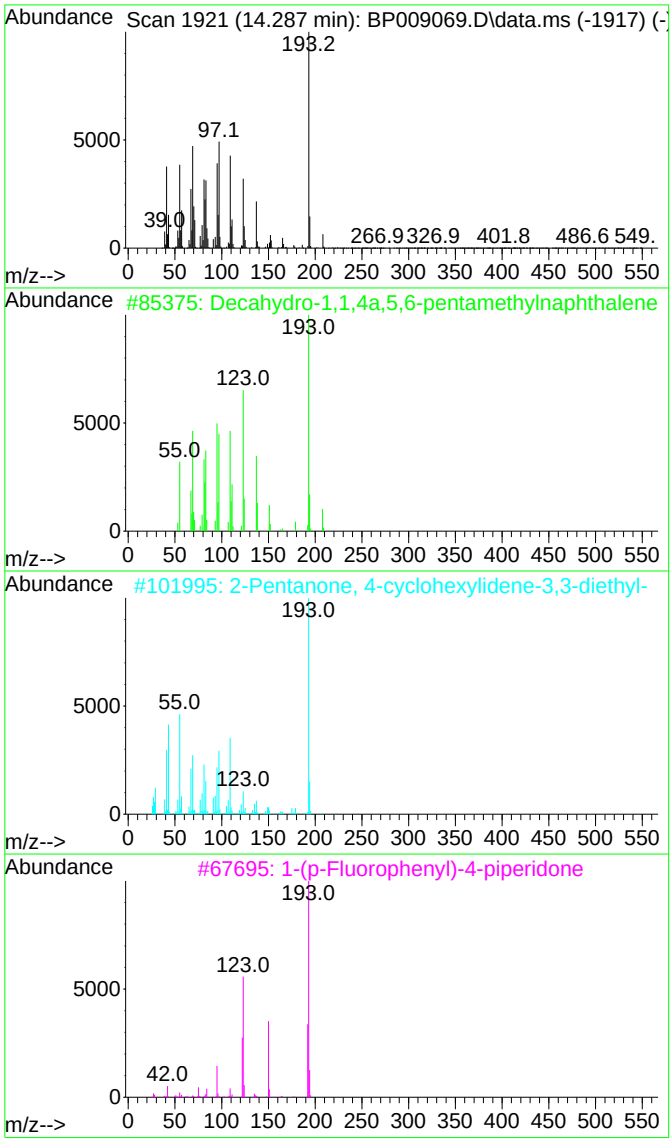
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

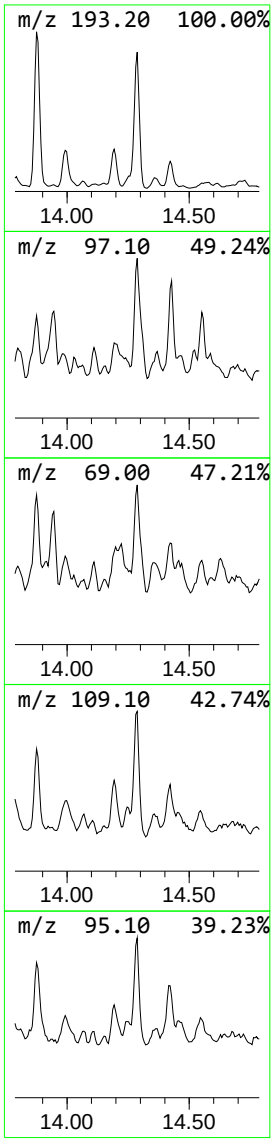
****

Peak Number 17 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.287	23.54 ng	2333670	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	53
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	32
4	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
5	Iminostilbene	193	C14H11N	000256-96-2	25





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Operator : CG/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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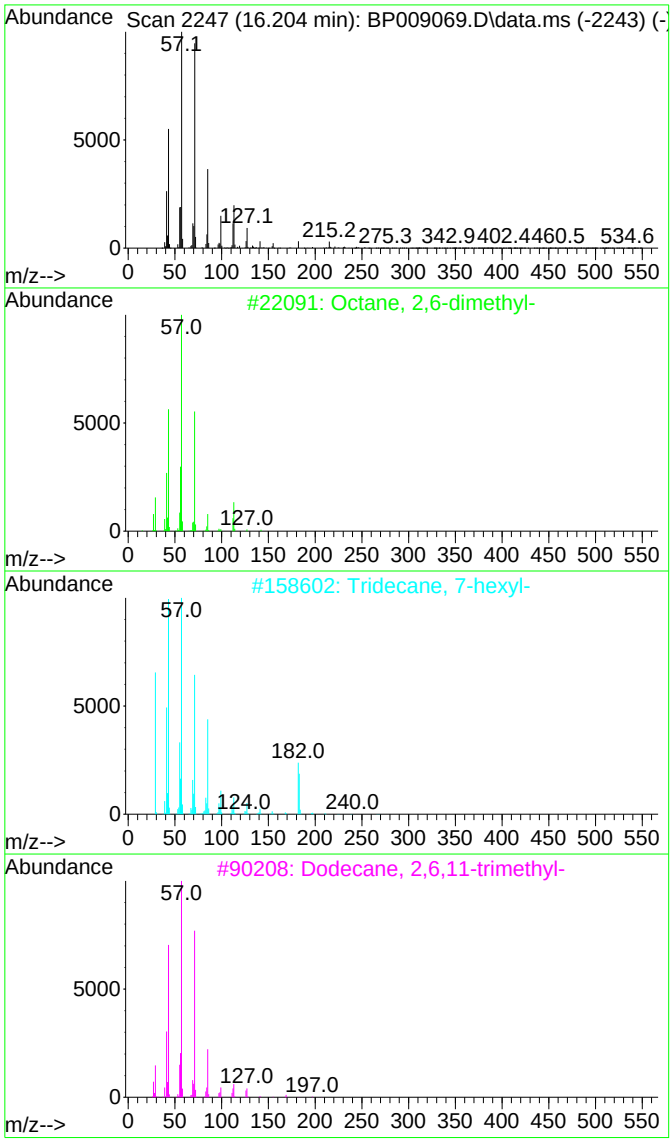
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

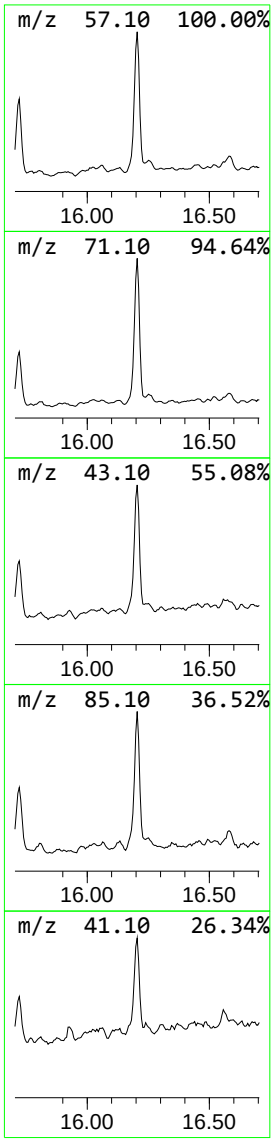
****

Peak Number 18 Tridecane, 7-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	18.92 ng	2092160	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5	3-Bromooctane	192	C8H17Br	000999-64-4	53





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Data File : BP009069.D
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Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

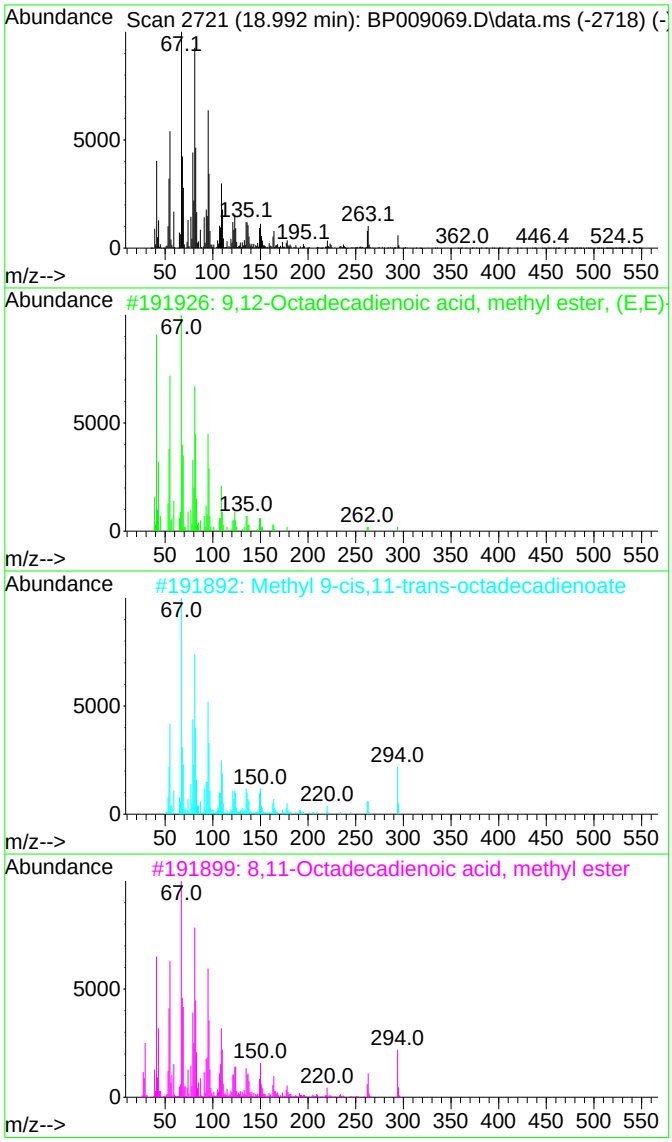
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

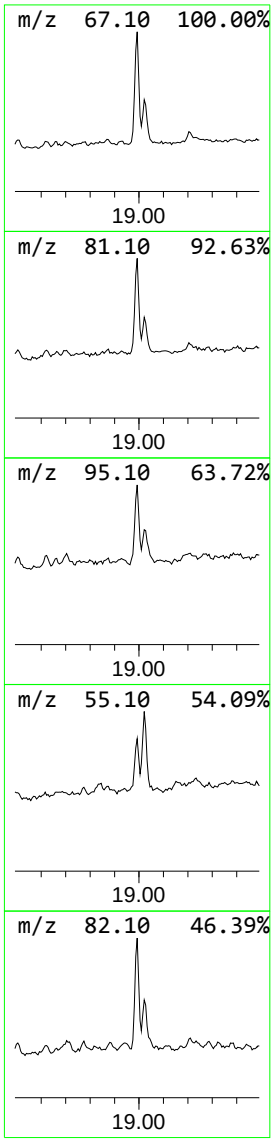
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	21.13 ng	2337020	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

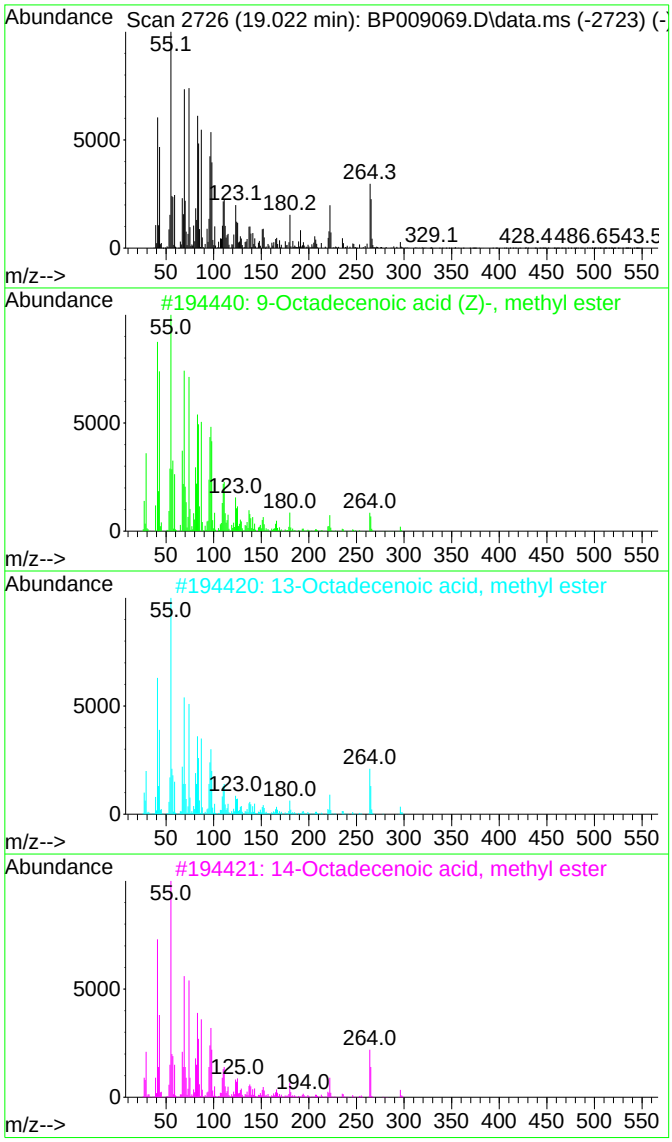
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

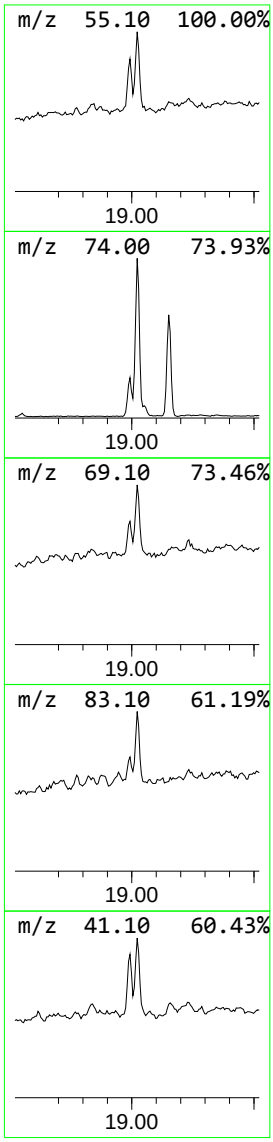
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	28.24 ng	3122960	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009069.D
Acq On : 08 Feb 2022 21:05
Operator : CG/JU
Sample : N1381-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Octane, 2,6-dim...	6.369	14.7	ng	2132570	1	7.811	2901740	20.0
Cyclohexane, pr...	6.446	22.6	ng	3282290	1	7.811	2901740	20.0
Ethanone, 1-(1-...	7.293	14.9	ng	2156290	1	7.811	2901740	20.0
unknown7.711	7.711	14.7	ng	2136490	1	7.811	2901740	20.0
Cyclohexane, bu...	8.093	23.9	ng	3461160	1	7.811	2901740	20.0
Benzene, 4-ethy...	8.916	42.1	ng	6108630	1	7.811	2901740	20.0
1-Methyldecahyd...	9.787	15.2	ng	3564090	2	10.610	4681840	20.0
Benzene, 1,2,4,...	10.016	15.0	ng	3511090	2	10.610	4681840	20.0
Cyclohexane, he...	11.316	22.8	ng	5337440	2	10.610	4681840	20.0
Dodecane, 4,6-d...	11.652	33.9	ng	7935510	2	10.610	4681840	20.0
n-Pentadecylcyc...	12.740	21.7	ng	2154140	3	14.451	1982350	20.0
Dodecane, 2,6,1...	12.999	55.4	ng	5487360	3	14.451	1982350	20.0
Naphthalene, 1,...	13.634	23.5	ng	2333170	3	14.451	1982350	20.0
Naphthalene, 1,...	13.775	26.5	ng	2625140	3	14.451	1982350	20.0
Naphthalene, 2,...	13.828	22.6	ng	2240570	3	14.451	1982350	20.0
Carbonic acid, ...	13.945	36.4	ng	3606620	3	14.451	1982350	20.0
Decahydro-1,1,4...	14.287	23.5	ng	2333670	3	14.451	1982350	20.0
Tridecane, 7-he...	16.204	18.9	ng	2092160	4	17.210	2212010	20.0
9,12-Octadecadi...	18.992	21.1	ng	2337020	4	17.210	2212010	20.0
9-Octadecenoic ...	19.022	28.2	ng	3122960	4	17.210	2212010	20.0