LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009401.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.352	227	232	241	rVB2	433592	899645	5.68%	0.255%
2	4.499	253	257	266	rVB	670674	1158734	7.31%	0.329%
3	4.787	296	306	311	rBV2	510223	951589	6.01%	0.270%
4	4.875	317	321	326	rBV	616339	1118389	7.06%	0.317%
5	4.940	327	332	336	rVV4	457689	1046923	6.61%	0.297%
6	4.981	336	339	343	rVV	554102	867242	5.47%	0.246%
7	5.040	343	349	355	rVV	1982728	3841481	24.24%	1.089%
8	5.099	355	359	363	rVV2	464583	910643	5.75%	0.258%
9	5.158	363	369	372	rVV	474818	995739	6.28%	0.282%
10	5.199	372	376	380	rVV	484890	891687	5.63%	0.253%
11	5.270	380	388	397	rVB2	1070908	2528731	15.96%	0.717%
12	5.422	404	414	425	rBV	4323291	7524404	47.48%	2.133%
13	5.528	425	432	441	rVB2	448600	1140101	7.19%	0.323%
14	5.634	441	450	456	rBV2	705794	1421138	8.97%	0.403%
15	5.711	456	463	471	rBV2	955360	2368098	14.94%	0.671%
16	5.787	471	476	481	rVV2	1064454	1872863	11.82%	0.531%
17	5.852	482	487	494	rVB	853776	1707744	10.78%	0.484%
18	5.928	494	500	509	rBV	679596	1264219	7.98%	0.358%
19	6.105	522	530	538	rBV4	1990634	5108097	32.24%	1.448%
20	6.222	543	550	560	rVB3	803260	2085062	13.16%	0.591%
21	6.322	560	567	573	rBV4	1854341	4475524	28.24%	1.269%
22	6.387	573	578	583	rVV	1674075	2833574	17.88%	0.803%
23	6.464	583	591	594	rVV4	1997181	4892701	30.88%	1.387%
24	6.499	594	597	603	rVV2	2000506	3452090	21.79%	0.979%
25	6.581	607	611	617	rVV3	591218	1099887	6.94%	0.312%
26	6.640	617	621	628	rVB4	741493	1478737	9.33%	0.419%
27	6.722	628	635	641	rBV4	877091	2229177	14.07%	0.632%
28	6.805	641	649	664	rVB7	654304	2306210	14.55%	0.654%
29	6.922	664	669	671	rBV2	619215	1004191	6.34%	0.285%
30	6.964	671	676	679	rVV	2585534	5020551	31.68%	1.423%
31	7.005	679	683	693	rVB	3941780	7591713	47.91%	2.152%
32	7.146	703	707	713	rVV4	768333	1644562	10.38%	0.466%
33	7.205	713	717	721	rVV2	912594	1555290	9.81%	0.441%
34	7.281	727	730	731	rVV3	682949	870039	5.49%	0.247%
35	7.311	731	735	744	rVV4	1151619	3573187	22.55%	1.013%
36	7.387	744	748	759	rVB4	1089862	3214648	20.29%	0.911%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.511	759	769	770	rBV5	601385	1535214	9.69%	0.435%
38	7.540	771	774	780	rVB3	718007	1272394	8.03%	0.361%
39	7.640	786	791	800	rBV7	695338	1758030	11.09%	0.498%
40	7.722	800	805	807	rBV2	934948	1556653	9.82%	0.441%
41	7.805	813	819	826	rVB2	3976247	7757653	48.96%	2.199%
42	7.893	828	834	840	rVV3	899183	1904275	12.02%	0.540%
43	8.011	849	854	859	rVV3	1635726	3408147	21.51%	0.966%
44	8.105	863	870	878	rVV4	1652603	5366074	33.86%	1.521%
45	8.169	878	881	888	rVB2	855756	1461266	9.22%	0.414%
46	8.264	893	897	902	rVV3	703852	1373882	8.67%	0.390%
47	8.375	902	916	926	rVB5	1517489	4743705	29.94%	1.345%
48	8.516	934	940	946	rBV5	537245	1066081	6.73%	0.302%
49	8.646	957	962	966	rVV	1171575	1866934	11.78%	0.529%
50	8.805	984	989	998	rBV6	409017	1185894	7.48%	0.336%
51	8.922	999	1009	1013	rBV5	2450016	6896125	43.52%	1.955%
52	8.969	1013	1017	1022	rVV	2603952	4946389	31.22%	1.402%
53	9.022	1022	1026	1033	rVB4	1003857	1911751	12.06%	0.542%
54	9.175	1041	1052	1058	rVB8	1852921	6527253	41.19%	1.851%
55	9.293	1058	1072	1079	rBV7	1084261	4785899	30.20%	1.357%
56	9.469	1099	1102	1108	rVB2	1106552	1767664	11.16%	0.501%
57	9.534	1108	1113	1119	rVB2	1858255	3298524	20.82%	0.935%
58	9.705	1137	1142	1145	rBV3	736570	1378362	8.70%	0.391%
59	9.746	1145	1149	1153	rVV2	1468390	2578360	16.27%	0.731%
60	9.799	1153	1158	1166	rVB5	2511962	5059447	31.93%	1.434%
61	9.893	1166	1174	1179	rVB6	710319	1835878	11.59%	0.520%
62	10.016	1191	1195	1200	rBV3	883733	1619295	10.22%	0.459%
63	10.216	1223	1229	1239	rVB8	966824	2325470	14.68%	0.659%
64	10.316	1242	1246	1250	rBV	835721	1495488	9.44%	0.424%
65	10.481	1270	1274	1278	rBV3	893634	1523927	9.62%	0.432%
66	10.522	1278	1281	1285	rVV3	817645	1249247	7.88%	0.354%
67	10.605	1287	1295	1302	rVB4	1967803	5893850	37.19%	1.671%
68	10.740	1314	1318	1322	rVB4	906550	1497733	9.45%	0.425%
69	10.793	1322	1327	1331	rVV	3543072	5550310	35.03%	1.574%
70	10.840	1332	1335	1343	rVB4	862434	1739036	10.97%	0.493%
71	11.116	1377	1382	1390	rVB	1558475	2701540	17.05%	0.766%
72	11.322	1408	1417	1423	rVB6	1939074	5291085	33.39%	1.500%
73	11.663	1469	1475	1483	rBV2	5442386	11327728	71.49%	3.212%
74	11.810	1496	1500	1509	rVB3	820844	1513843	9.55%	0.429%
75	11.910	1513	1517	1521	rBV2	1186873	1770990	11.18%	0.502%
76	12.034	1534	1538	1540	rBV2	653244	1024423	6.46%	0.290%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.369	1588	1595	1600	rBV6	790278	2349667	14.83%	0.666%
78	12.746	1654	1659	1666	rVB2	2177614	4013384	25.33%	1.138%
79	12.899	1679	1685	1691	rVB6	886476	2075748	13.10%	0.588%
80	13.010	1699	1704	1709	rVB	5957865	9013704	56.88%	2.555%
81	13.075	1710	1715	1724	rVB	7066467	11373160	71.77%	3.224%
82	13.275	1745	1749	1753	rVB4	1220791	1731698	10.93%	0.491%
83	13.322	1753	1757	1760	rBV2	1288798	1875369	11.83%	0.532%
84	13.387	1765	1768	1773	rVB3	1301372	1885903	11.90%	0.535%
85	13.957	1860	1865	1870	rVB3	6221776	9372393	59.15%	2.657%
86	14.169	1898	1901	1906	rBV3	1067033	1685753	10.64%	0.478%
87	14.451	1944	1949	1959	rVB3	2835995	6251405	39.45%	1.772%
88	14.998	2038	2042	2051	rVB2	3121943	4983670	31.45%	1.413%
89	15.087	2054	2057	2061	rBV2	822819	1190458	7.51%	0.338%
90	15.740	2162	2168	2174	rVB	5638624	9716451	61.32%	2.755%
91	15.951	2199	2204	2211	rVB2	6665903	11145454	70.34%	3.160%
92	16.222	2242	2250	2255	rBV	8054514	13928468	87.90%	3.949%
93	17.051	2386	2391	2401	rVB	5664948	9955407	62.83%	2.822%
94	17.216	2415	2419	2425	rBV	2443805	4436229	28.00%	1.258%
95	17.657	2491	2494	2500	rVB	1725913	2639961	16.66%	0.748%
96	18.128	2571	2574	2580	rVB3	1491855	2113204	13.34%	0.599%
97	19.792	2853	2857	2862	rVB	12474435	15846151	100.00%	4.493%
98	21.328	3114	3118	3122	rVB	2991466	4080688	25.75%	1.157%
99	21.445	3134	3138	3143	rBV	3822439	5709365	36.03%	1.619%
100	23.739	3524	3528	3536	rVB2	2305635	4635387	29.25%	1.314%

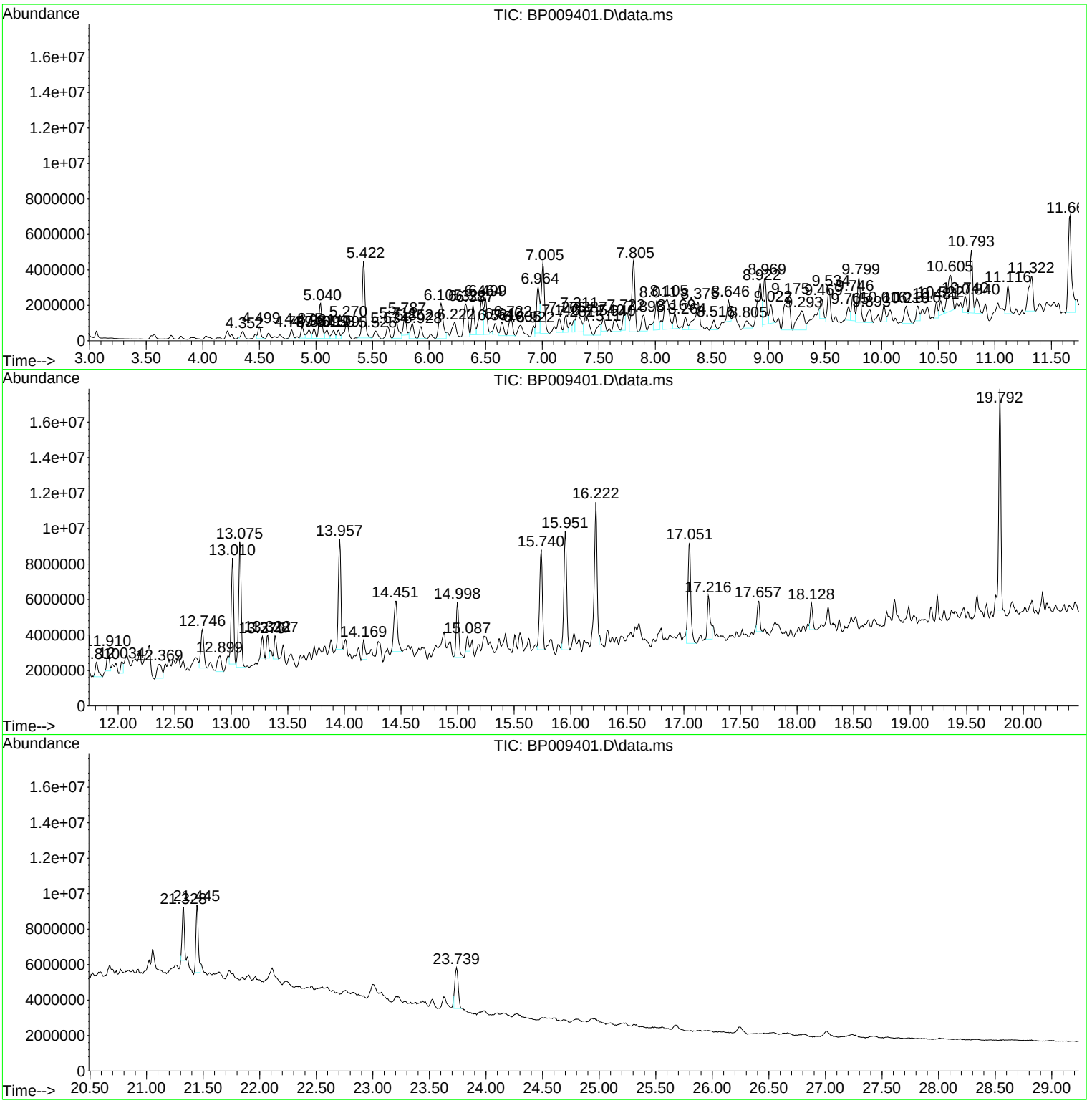
Sum of corrected areas: 352719506

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

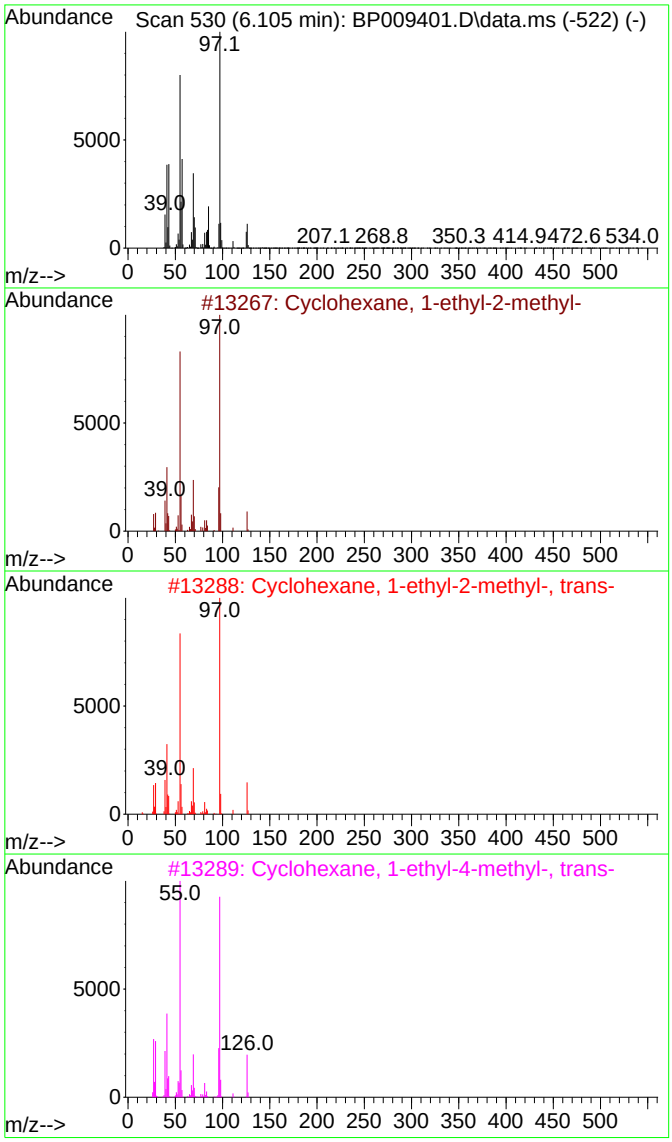
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

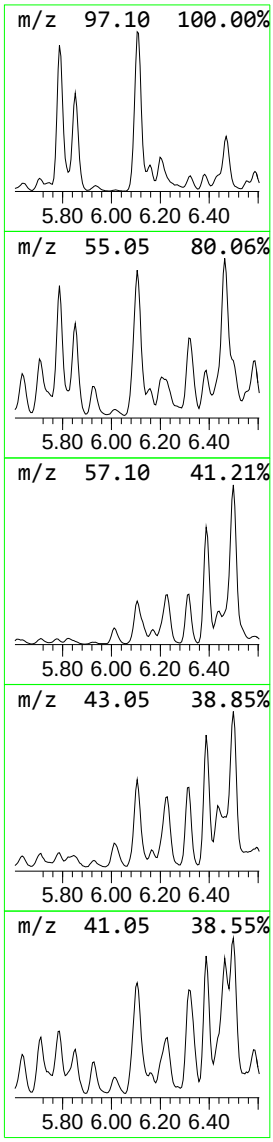
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.105	13.17 ng	5108100	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

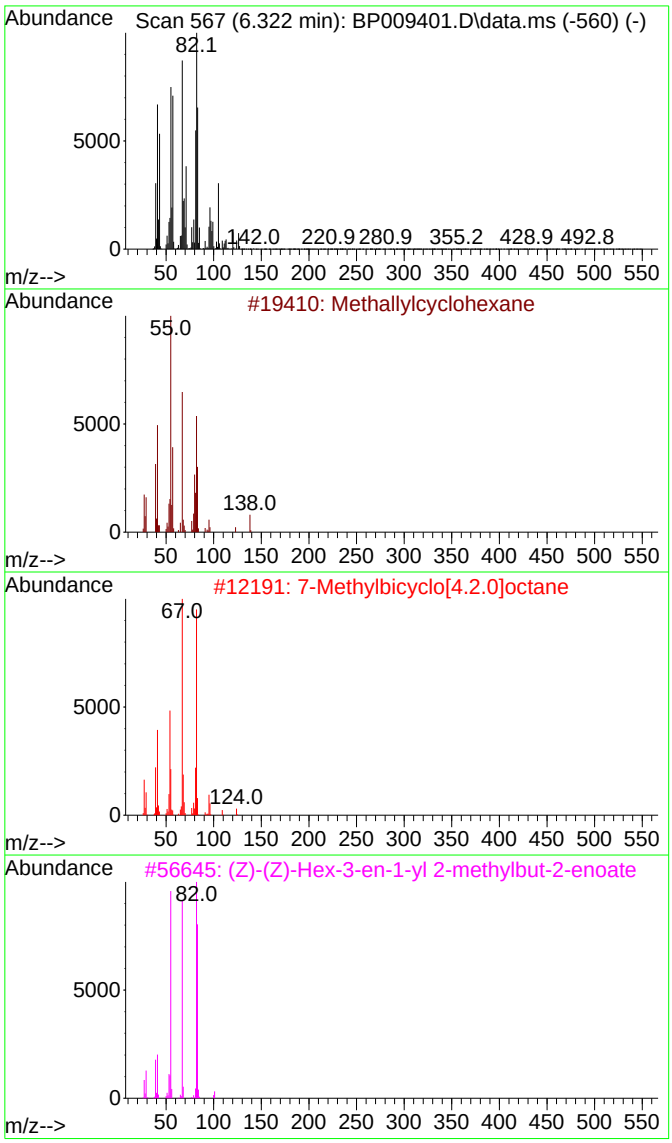
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

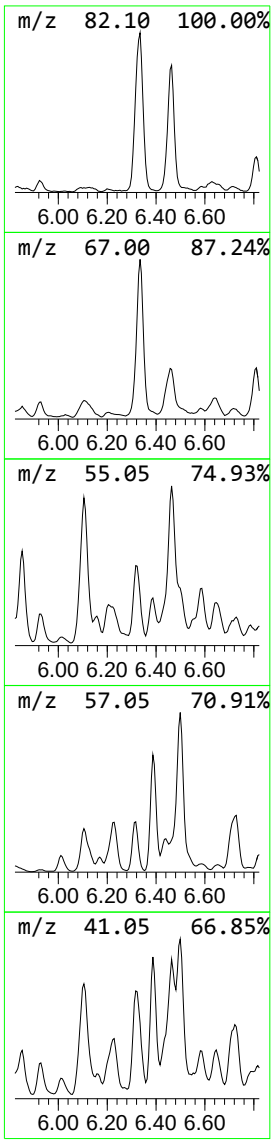
****

Peak Number 2 Methallylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.322	11.54 ng	4475520	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methallylcyclohexane	138	C10H18	003990-93-0	50
2	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
3	(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	47
4	Hexanoic acid, 3-hexenyl ester, ...	198	C12H22O2	031501-11-8	47
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

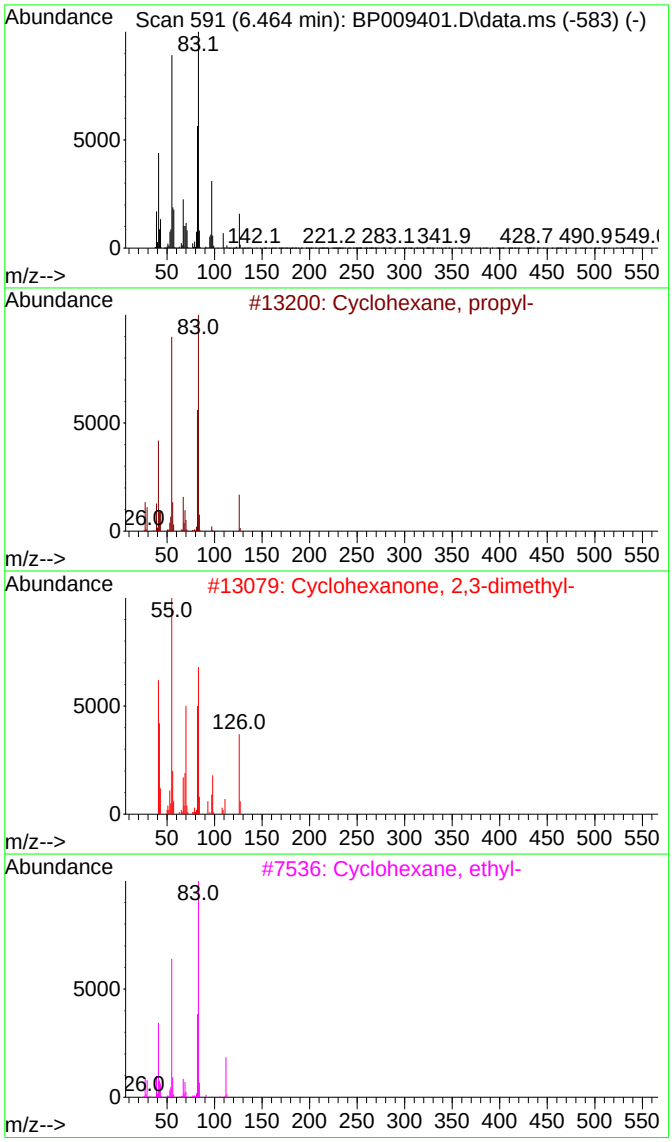
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

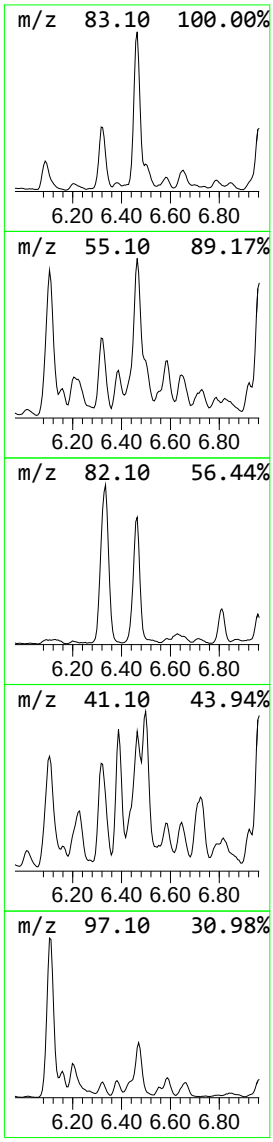
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.464	12.61 ng	4892700	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	74
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	50
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

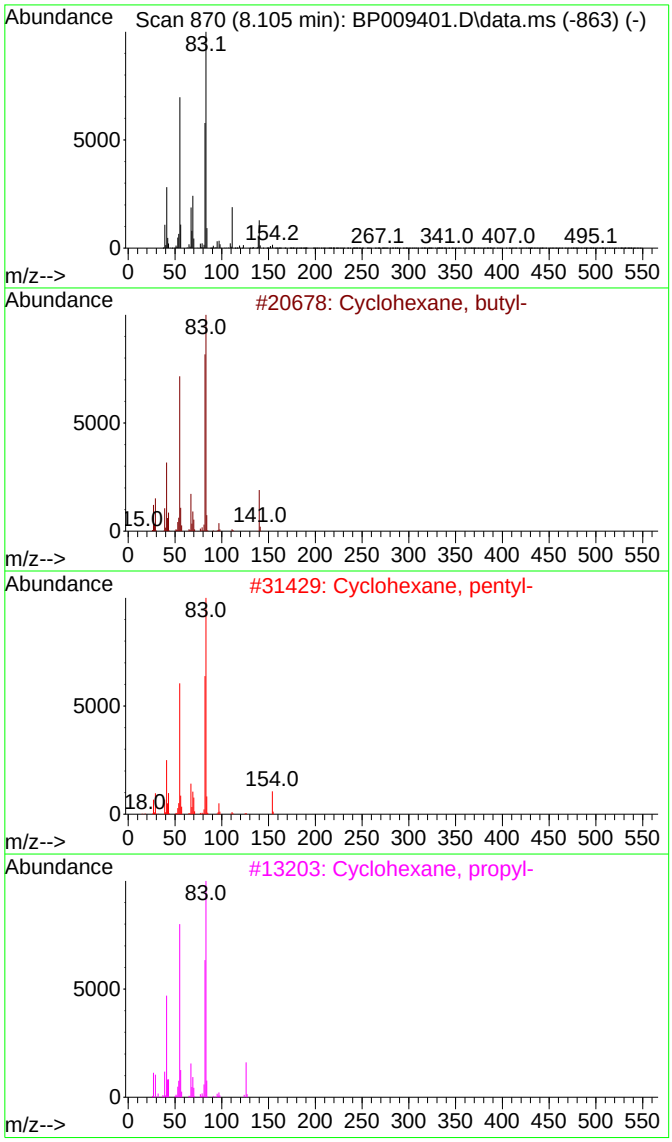
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

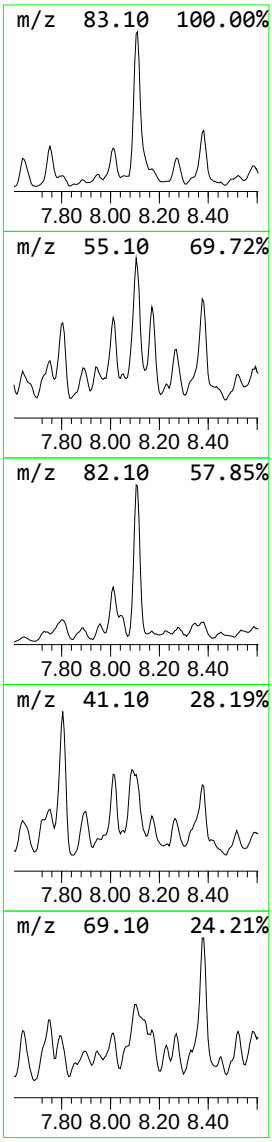
****

Peak Number 4 Cyclohexane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.105	13.83 ng	5366070	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

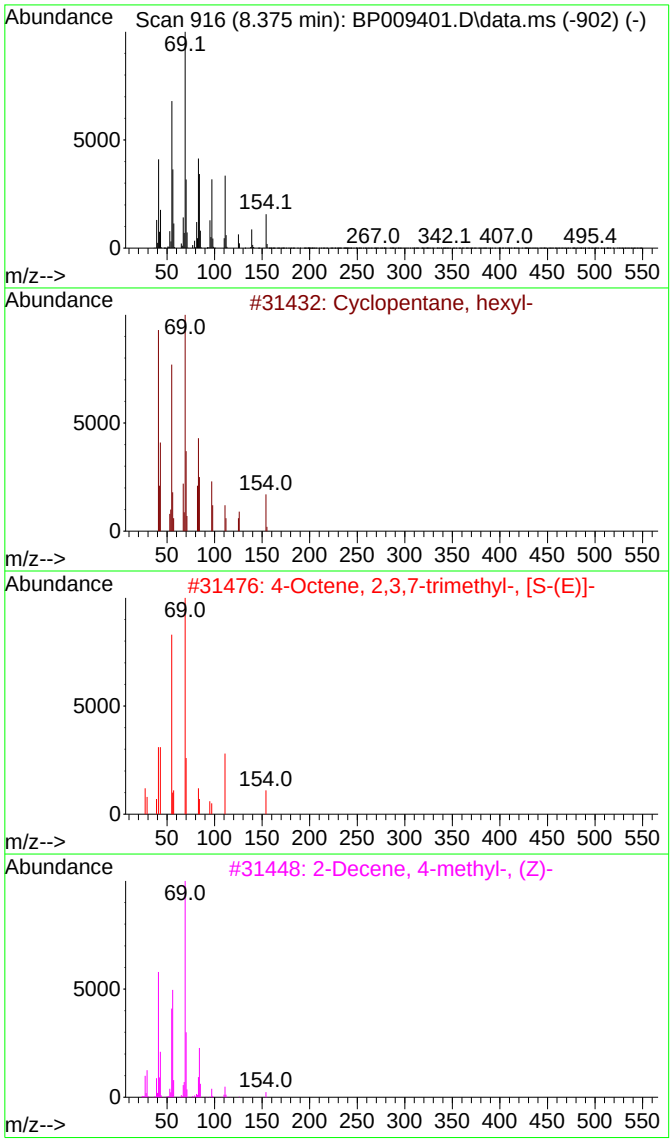
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

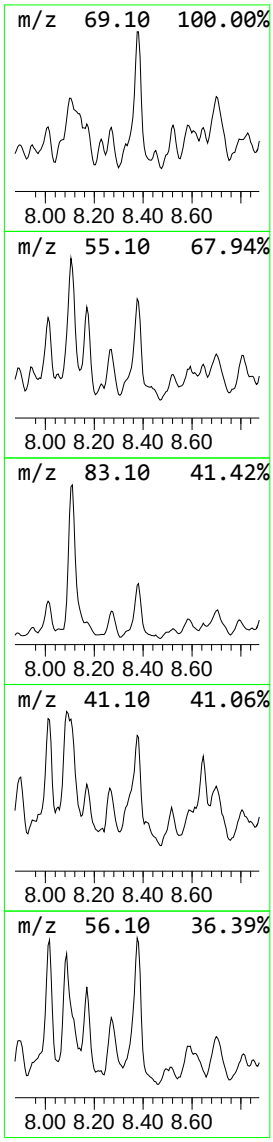
****

Peak Number 5 Cyclopentane, hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	12.23 ng	4743710	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	74
2	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	58
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	58
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
5	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	49





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Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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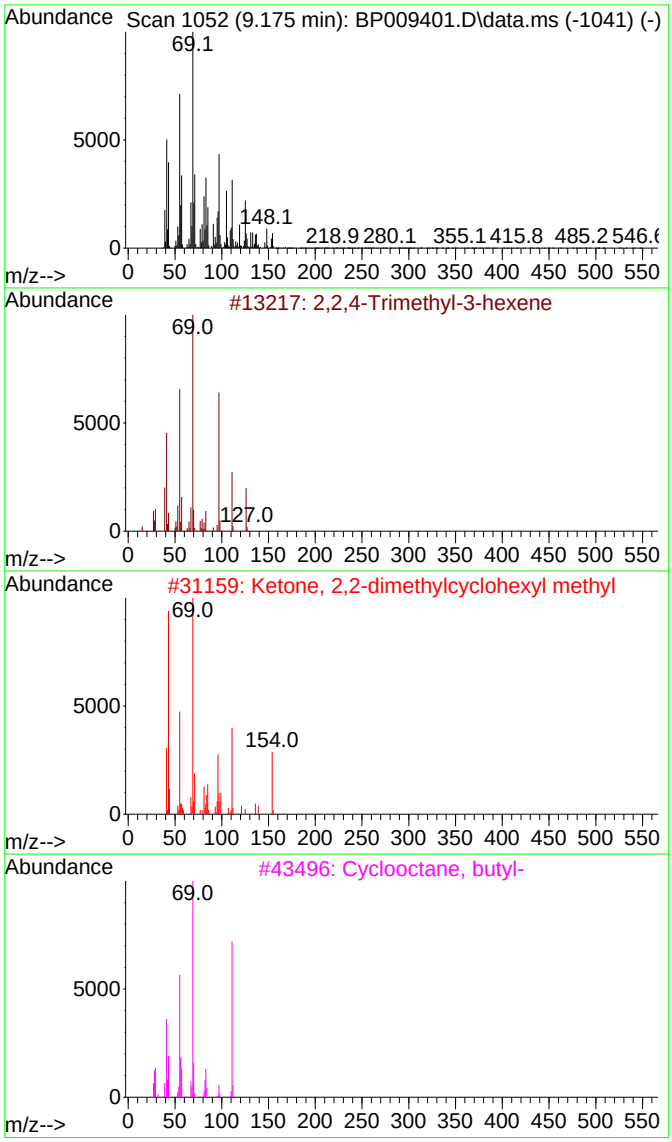
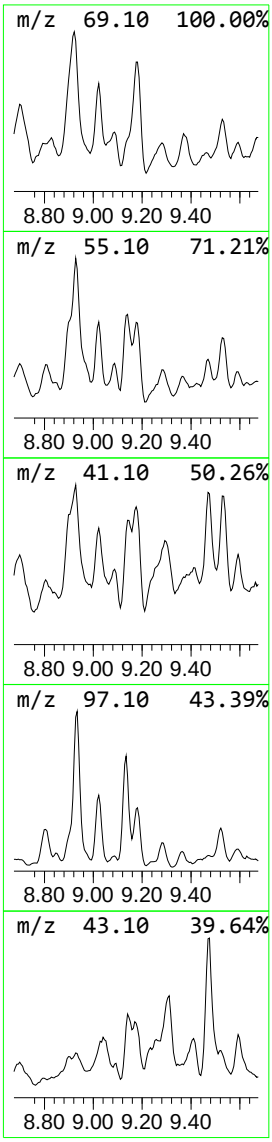
Peak Number 6 unknown9.175 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	16.83 ng	6527250	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	43
2	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	35
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	35
5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	35





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Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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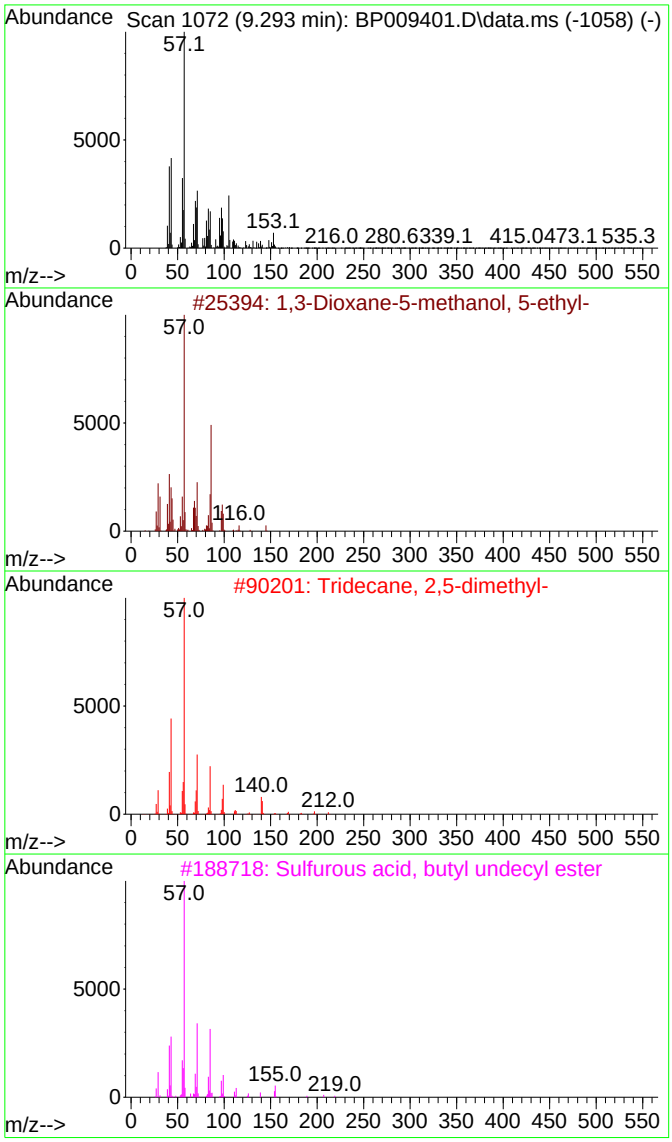
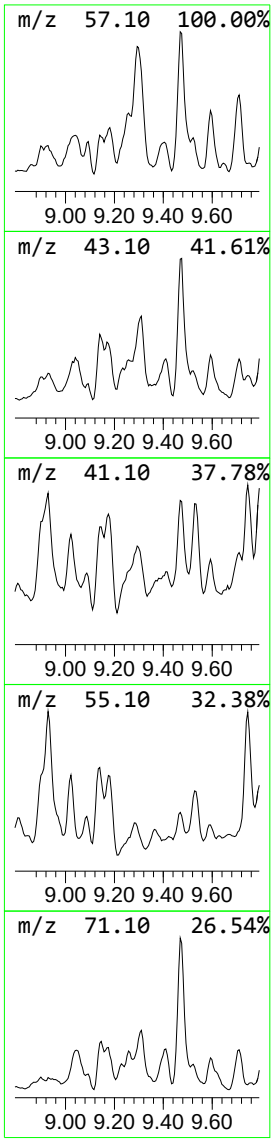
Peak Number 7 unknown9.293 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.293	16.24 ng	4785900	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane-5-methanol, 5-ethyl-	146	C7H14O3	005187-23-5	49
2	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	38
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	35
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
5	Octadecane, 6-methyl-	268	C19H40	010544-96-4	35





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
WC-8-9-1

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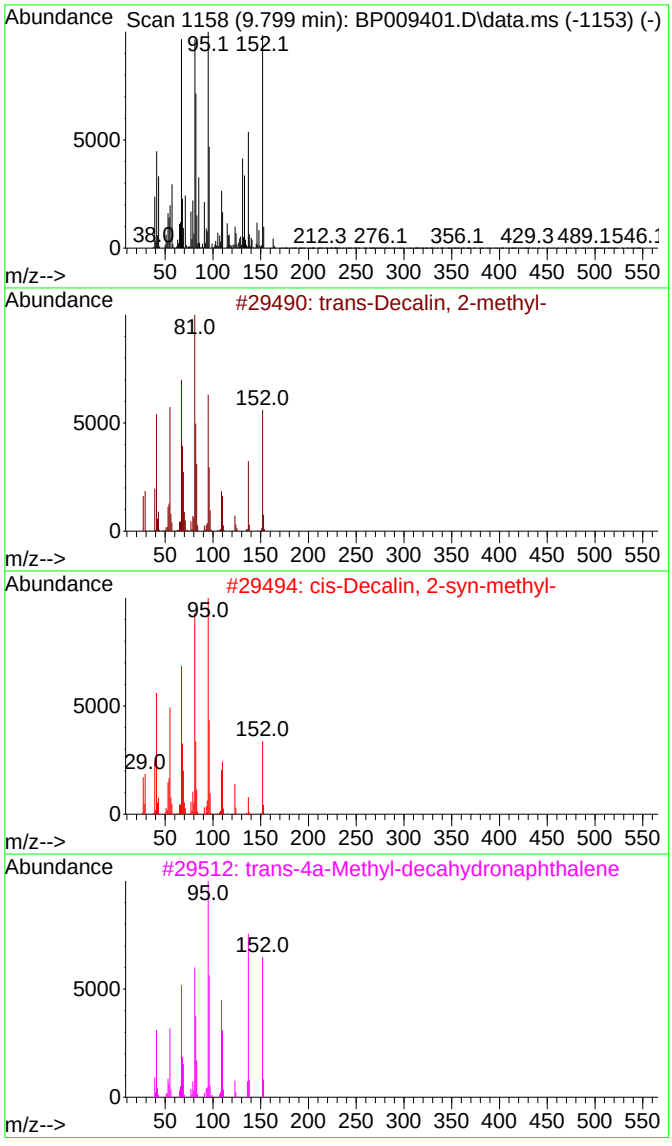
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

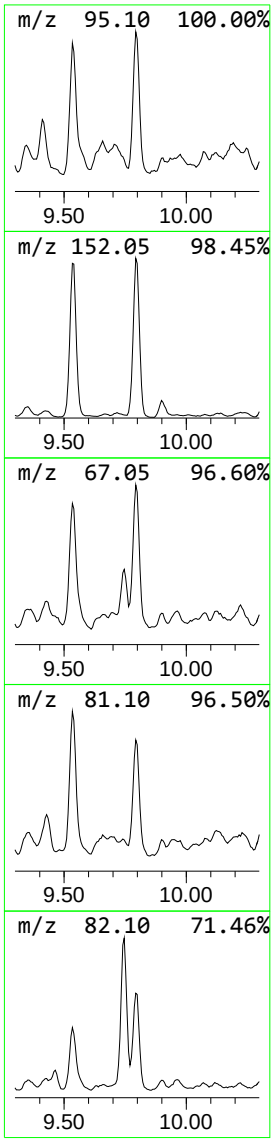
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.799	17.17 ng	5059450	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	58





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

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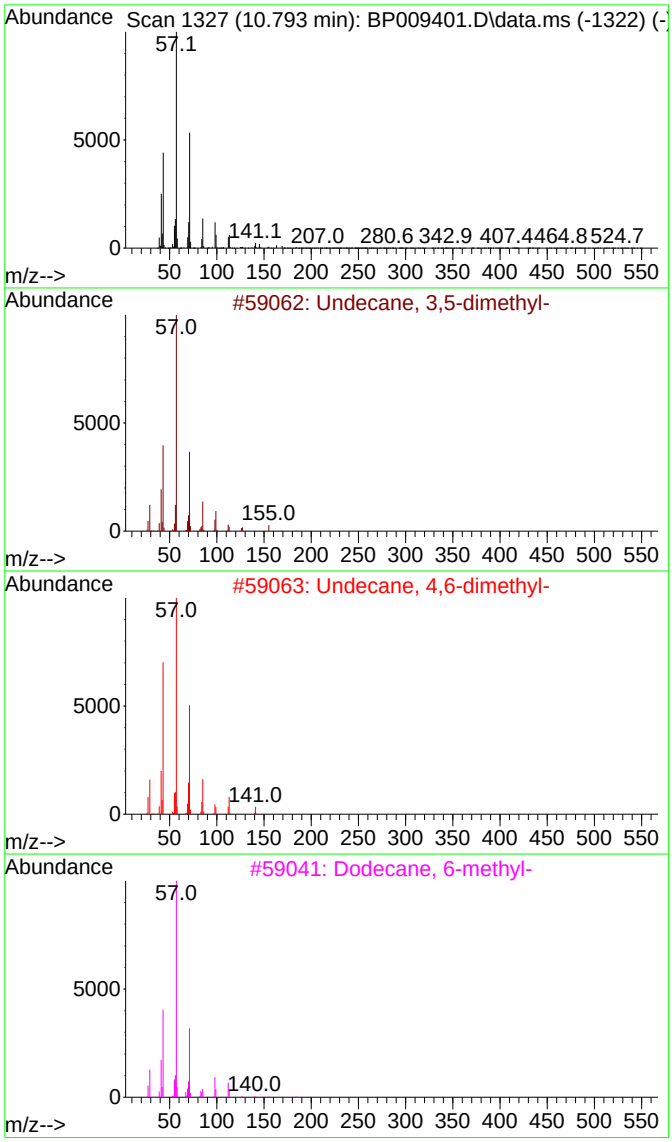
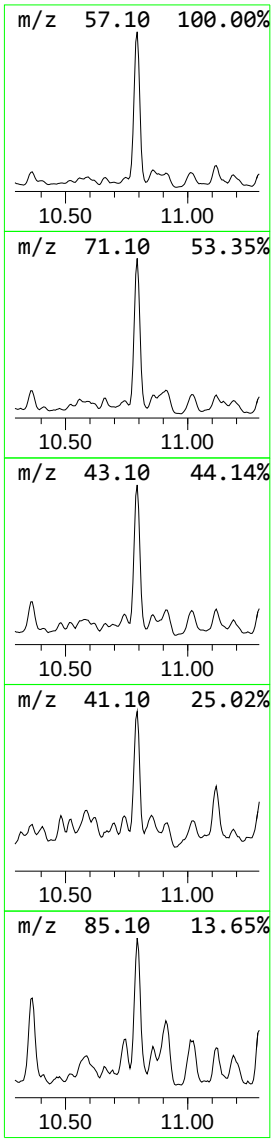
Peak Number 9 Undecane, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.793	18.83 ng	5550310	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76





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Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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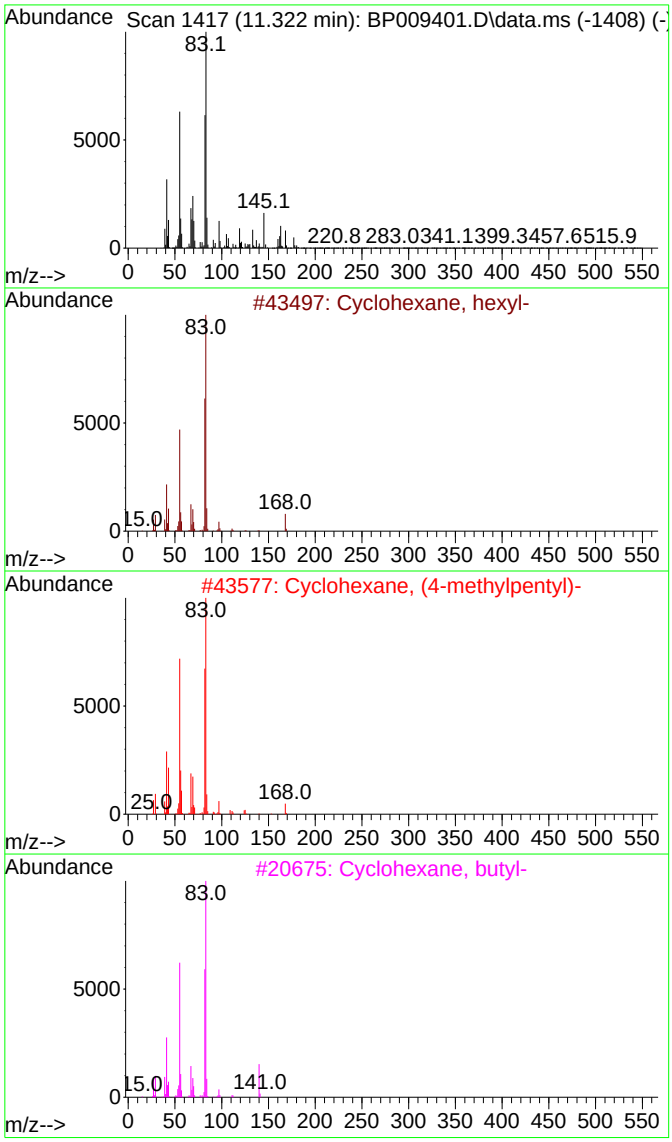
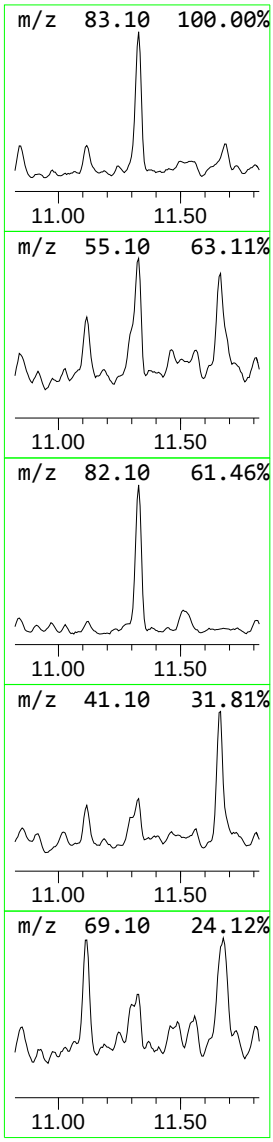
Peak Number 10 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	17.95 ng	5291090	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	68
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





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

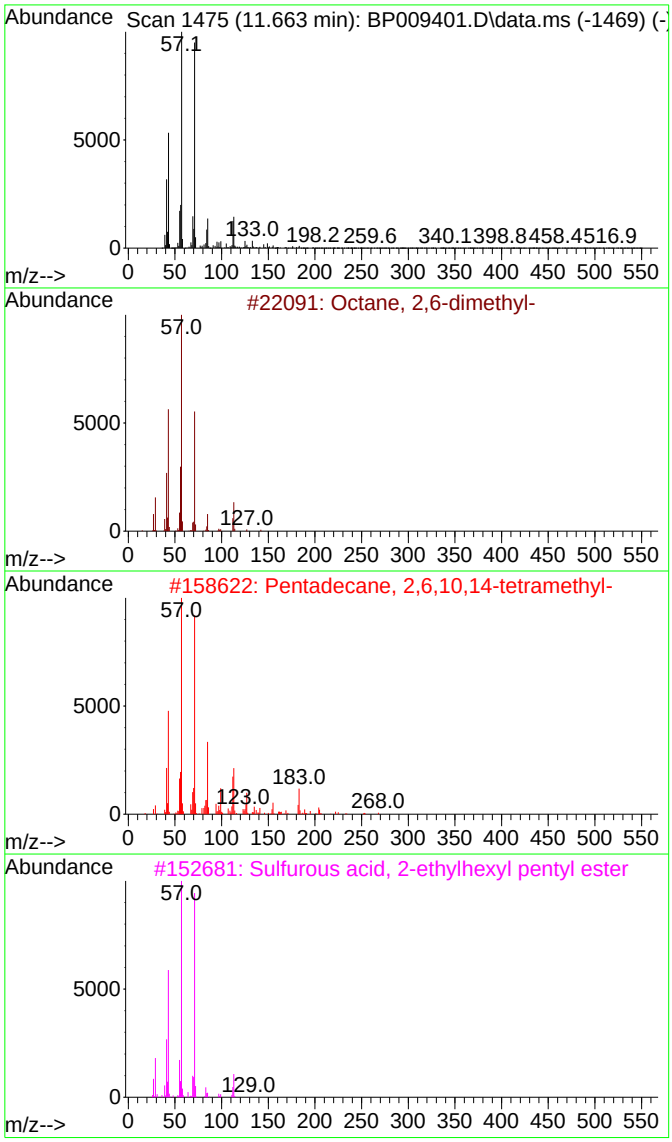
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

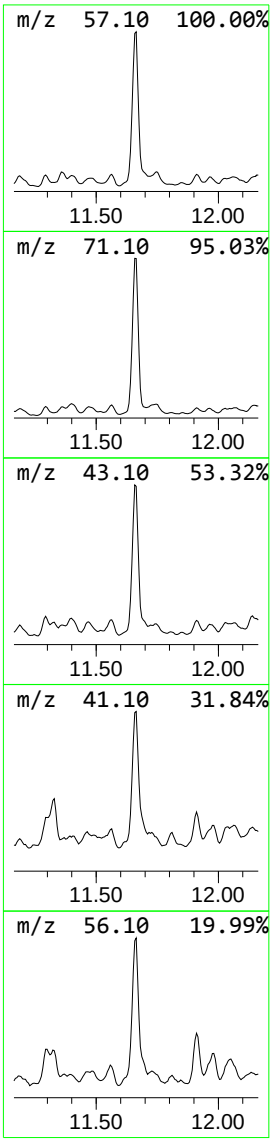
****

Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	38.44 ng	11327700	Naphthalene-d8	10.605

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Tridecane	184	C13H28	000629-50-5	59





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Acq On : 15 Mar 2022 16:49
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Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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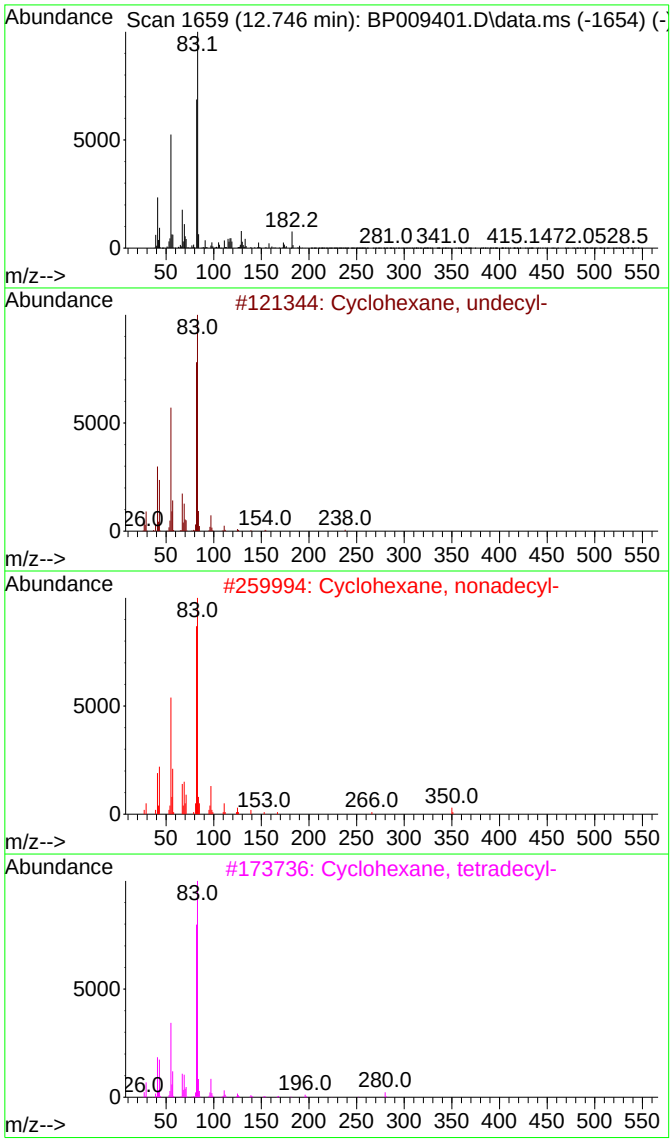
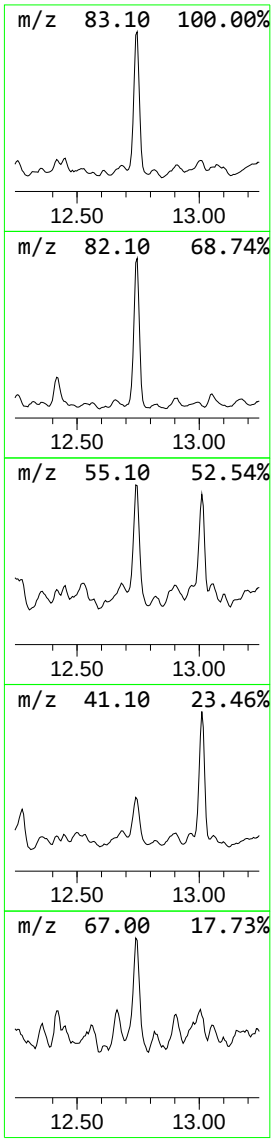
Peak Number 12 Cyclohexane, undecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.746	12.84 ng	4013380	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
2	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	72
3	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

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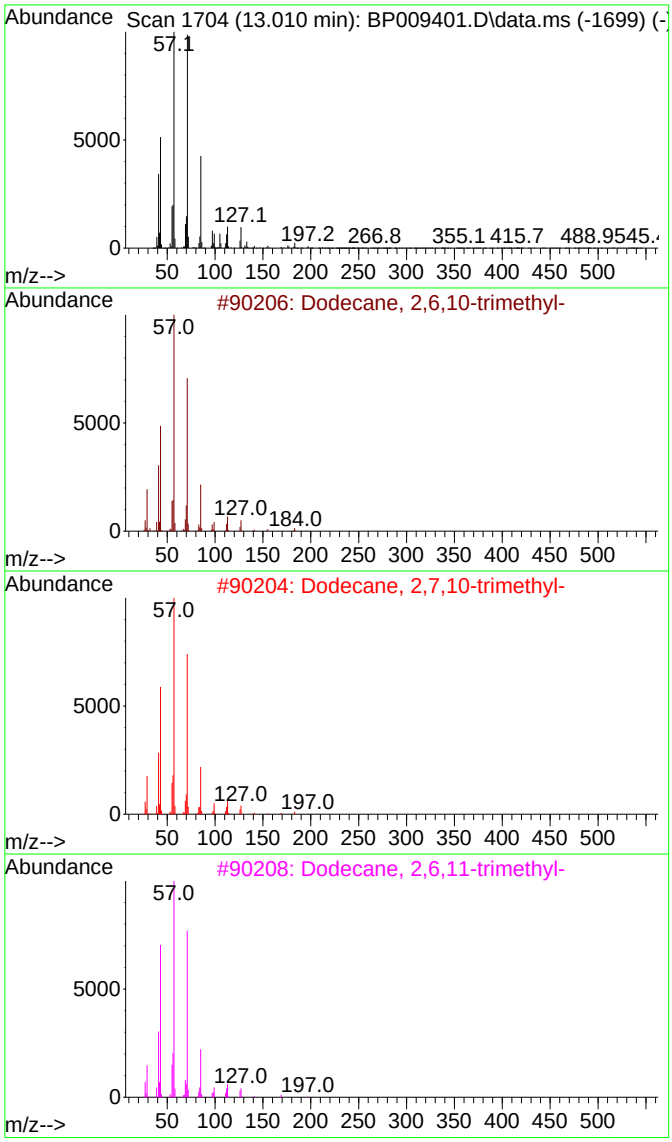
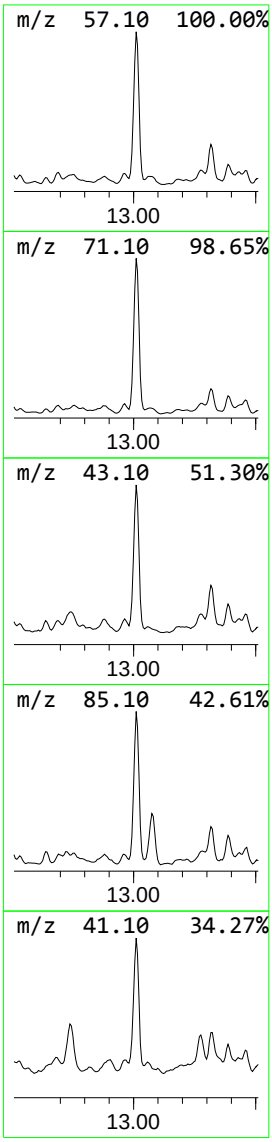
Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	28.84 ng	9013700	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53





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Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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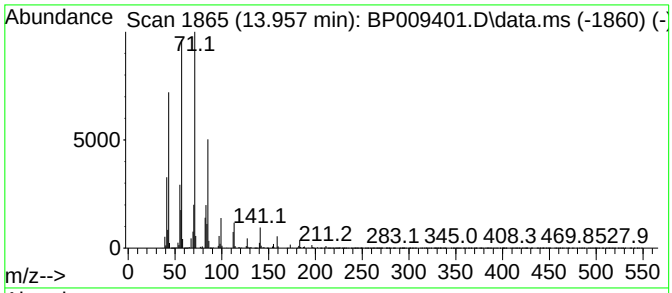
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

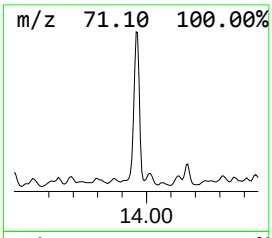
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

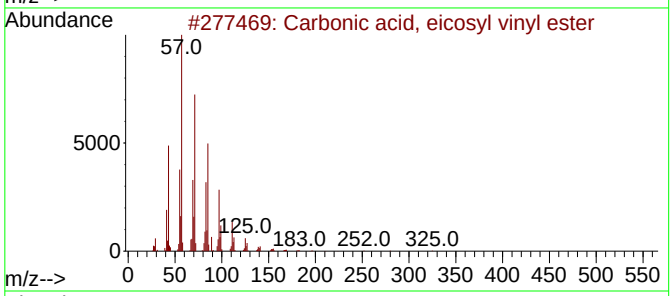
****
Peak Number 14 Carbonic acid, eicosyl viny... Concentration Rank 5

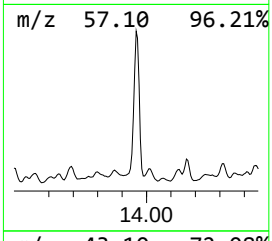
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	29.98 ng	9372390	Acenaphthene-d10	14.457

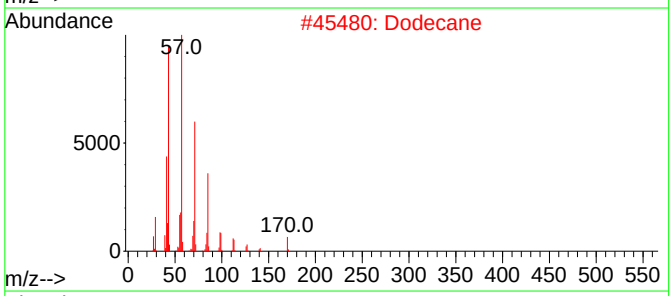
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2	Dodecane	170	C12H26	000112-40-3	80
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
5	Hexadecane	226	C16H34	000544-76-3	64

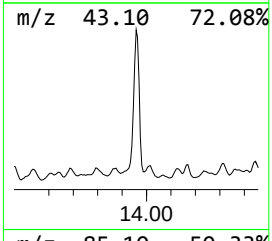


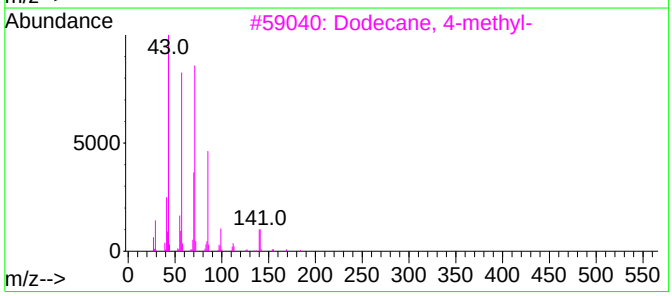


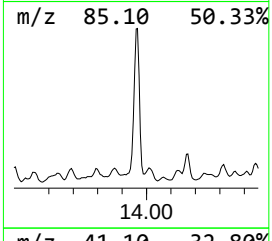


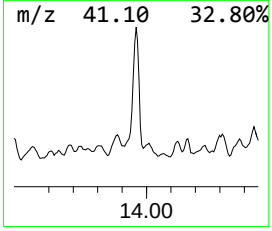












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Acq On : 15 Mar 2022 16:49
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Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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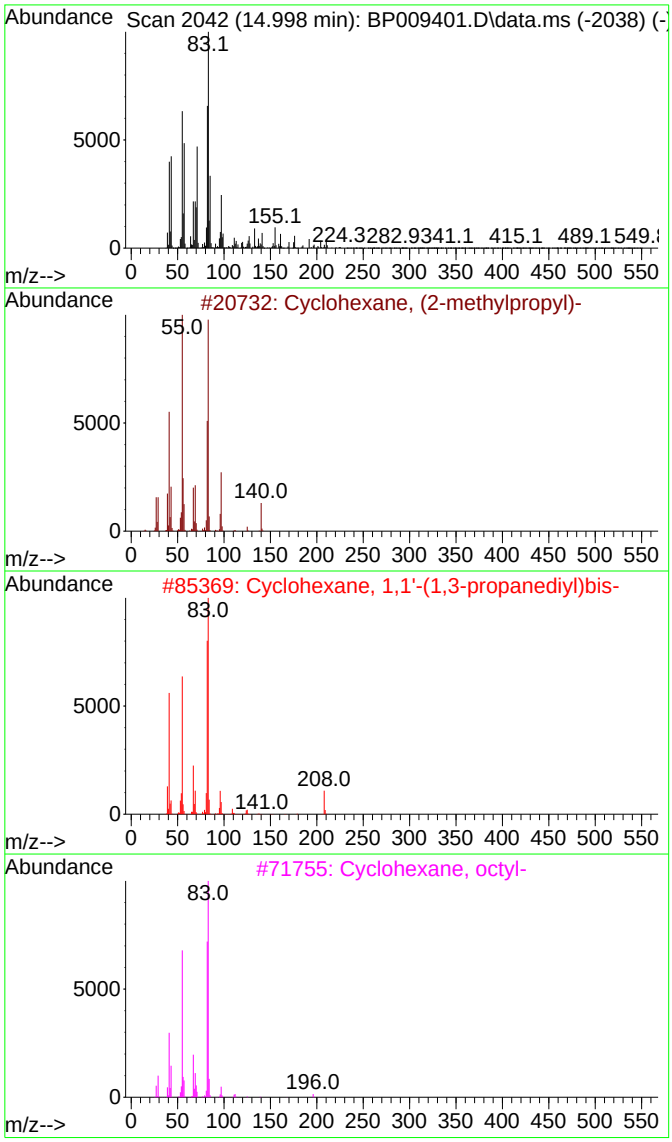
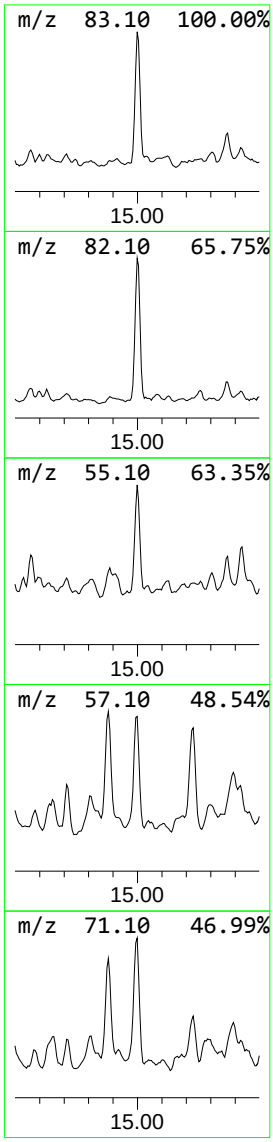
Peak Number 15 Cyclohexane, (2-methylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.999	15.94 ng	4983670	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	60
2	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	49
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	49
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
5	Heptylcyclohexane	182	C13H26	005617-41-4	46





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Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

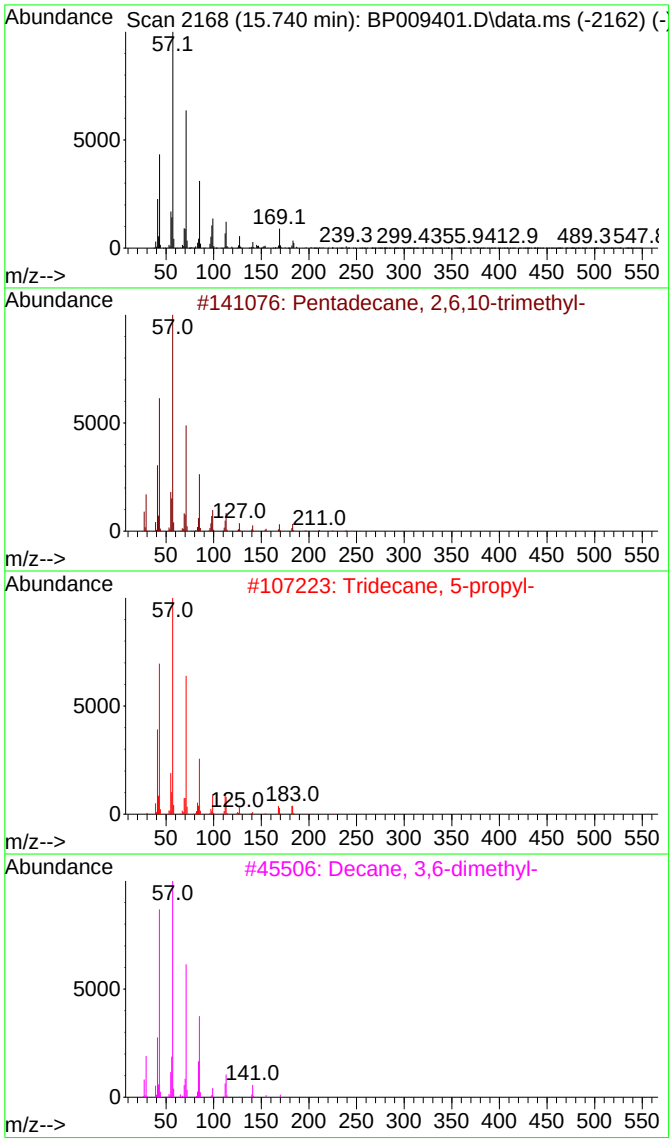
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

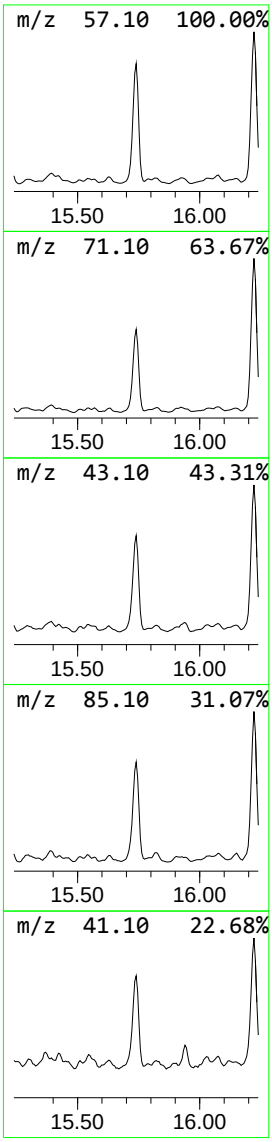
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	31.09 ng	9716450	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	92
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tridecane	184	C13H28	000629-50-5	64





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Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

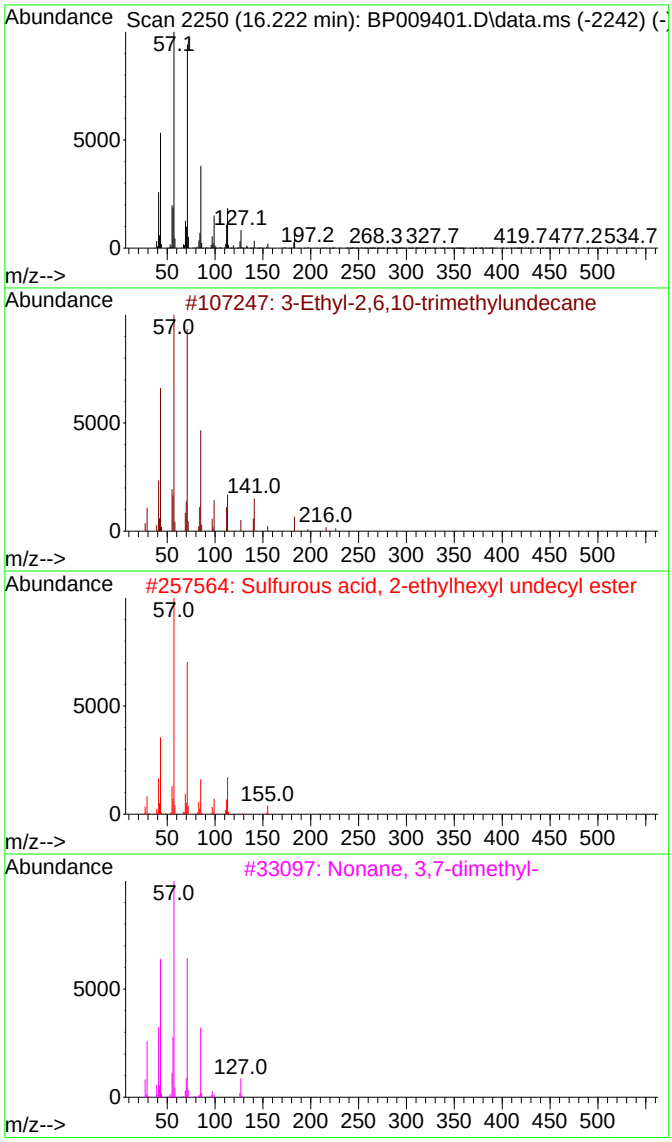
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

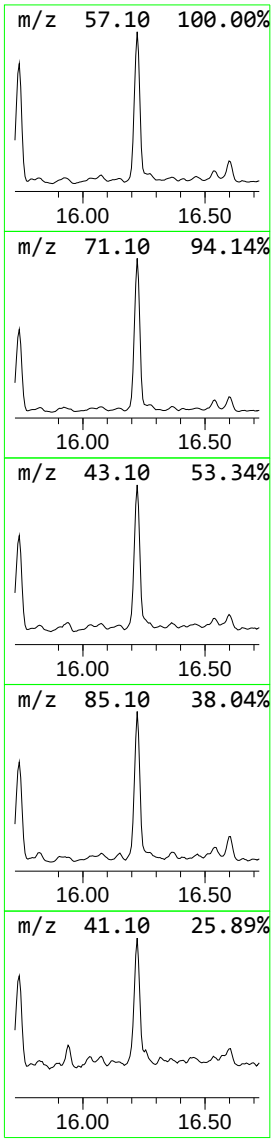
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Ethyl-2,6,10-trimethylund... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	62.79 ng	13928500	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72





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Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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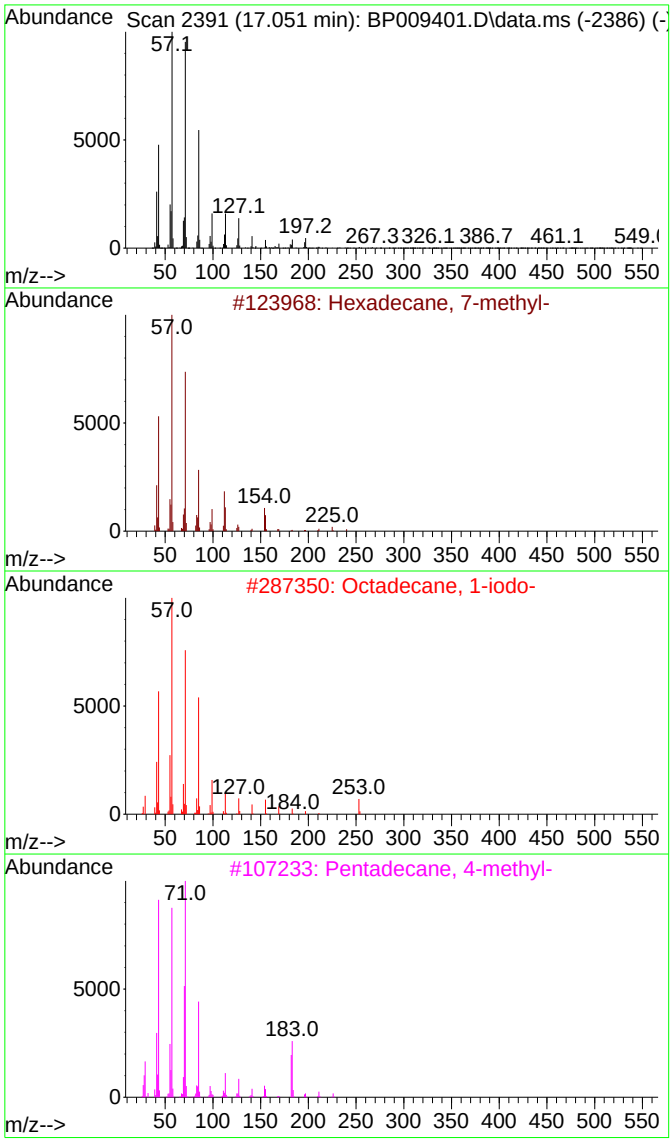
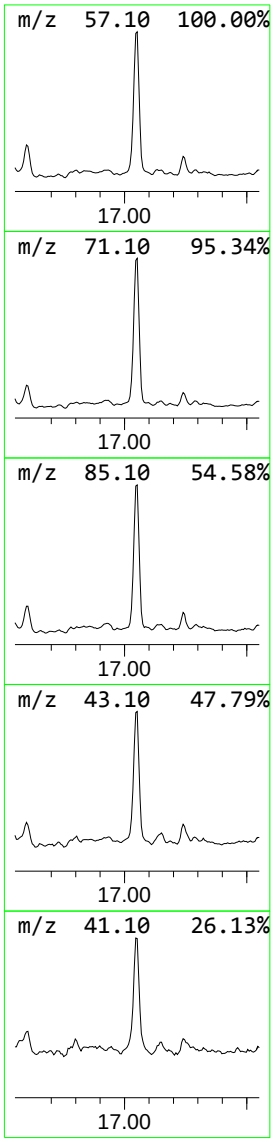
Peak Number 18 Hexadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	44.88 ng	9955410	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





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Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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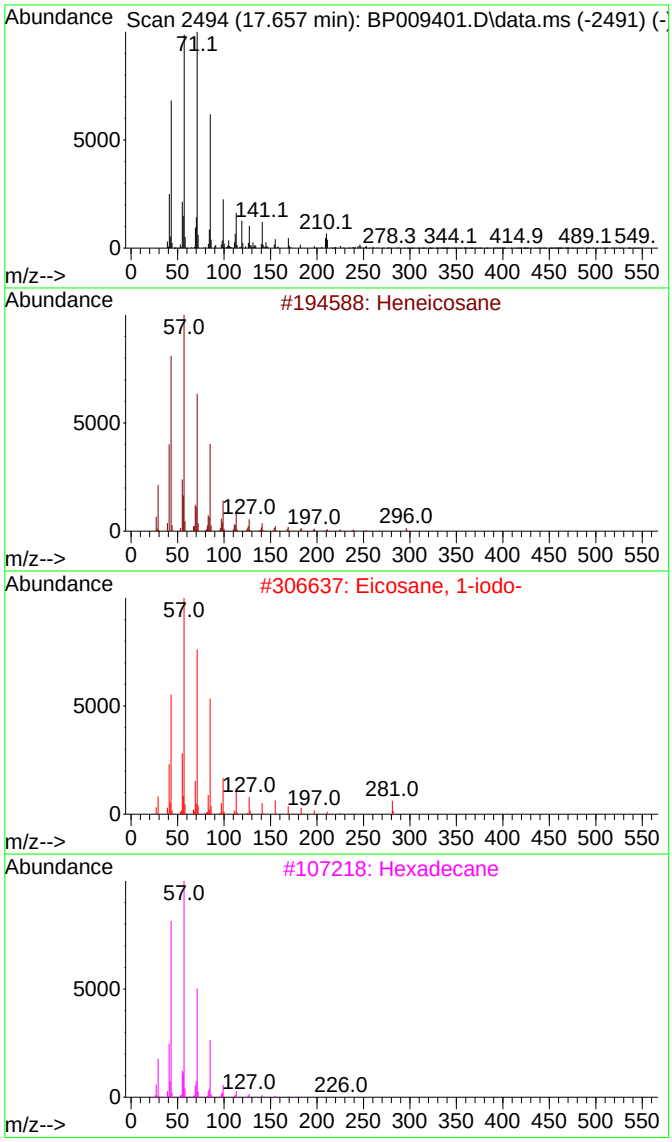
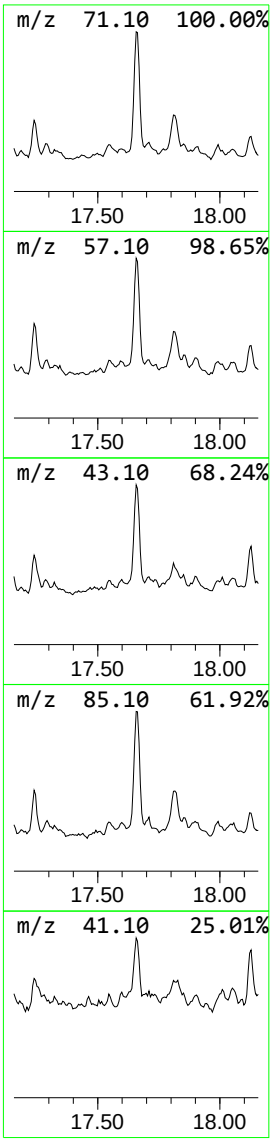
Peak Number 19 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	11.90 ng	2639960	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	72
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





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Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

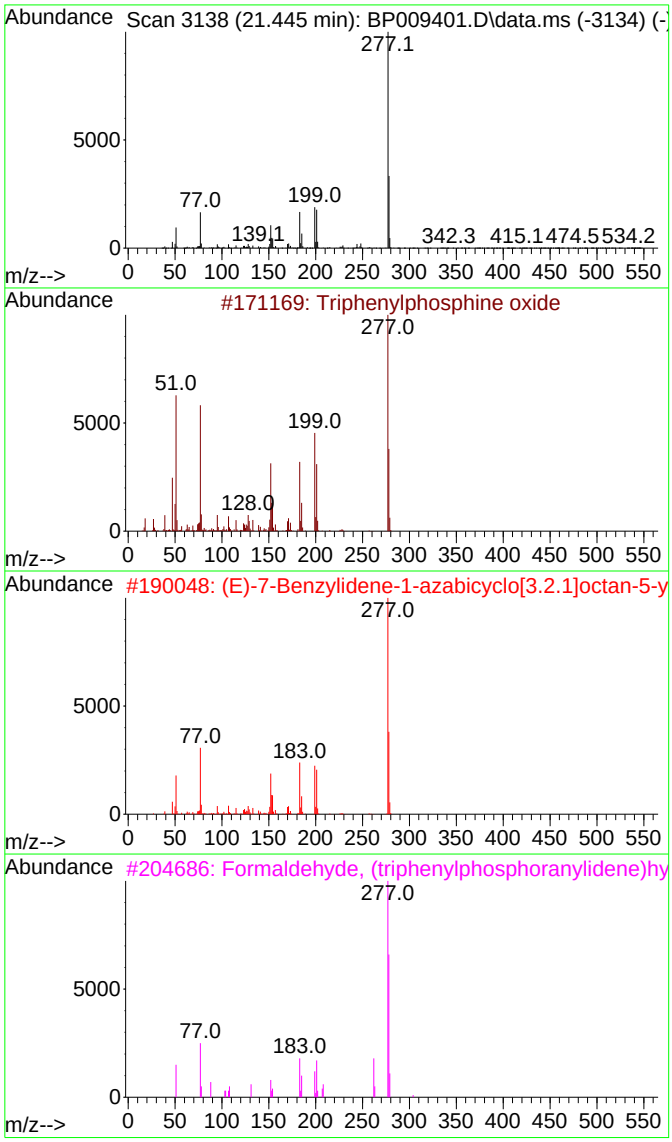
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

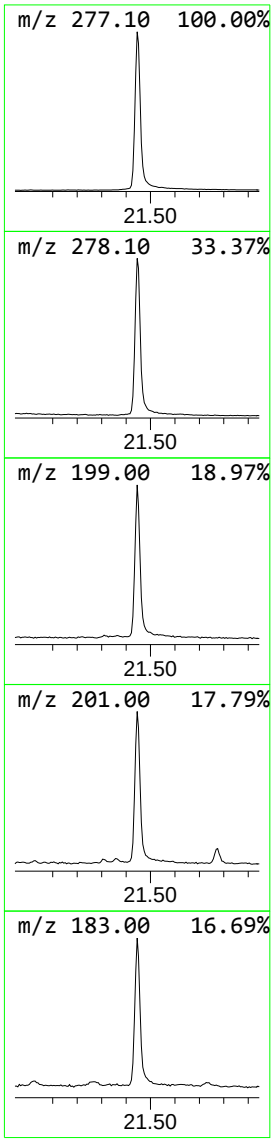
****

Peak Number 20 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.445	27.98 ng	5709370	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	42
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009401.D
Acq On : 15 Mar 2022 16:49
Operator : CG/JU
Sample : N1908-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Cyclohexane, 1-...	6.105	13.2	ng	5108100	1	7.811	7757650	20.0
Methallylcycloh...	6.322	11.5	ng	4475520	1	7.811	7757650	20.0
Cyclohexane, pr...	6.464	12.6	ng	4892700	1	7.811	7757650	20.0
Cyclohexane, bu...	8.105	13.8	ng	5366070	1	7.811	7757650	20.0
Cyclopentane, h...	8.375	12.2	ng	4743710	1	7.811	7757650	20.0
unknown9.175	9.175	16.8	ng	6527250	1	7.811	7757650	20.0
unknown9.293	9.293	16.2	ng	4785900	2	10.605	5893850	20.0
trans-Decalin, ...	9.799	17.2	ng	5059450	2	10.605	5893850	20.0
Undecane, 3,5-d...	10.793	18.8	ng	5550310	2	10.605	5893850	20.0
Cyclohexane, he...	11.322	17.9	ng	5291090	2	10.605	5893850	20.0
Octane, 2,6-dim...	11.663	38.4	ng	11327700	2	10.605	5893850	20.0
Cyclohexane, un...	12.746	12.8	ng	4013380	3	14.457	6251410	20.0
Dodecane, 2,6,1...	13.010	28.8	ng	9013700	3	14.457	6251410	20.0
Carbonic acid, ...	13.957	30.0	ng	9372390	3	14.457	6251410	20.0
Cyclohexane, (2...	14.999	15.9	ng	4983670	3	14.457	6251410	20.0
Pentadecane, 2,...	15.740	31.1	ng	9716450	3	14.457	6251410	20.0
3-Ethyl-2,6,10-...	16.222	62.8	ng	13928500	4	17.216	4436230	20.0
Hexadecane, 7-m...	17.051	44.9	ng	9955410	4	17.216	4436230	20.0
Heneicosane	17.657	11.9	ng	2639960	4	17.216	4436230	20.0
Triphenylphosph...	21.445	28.0	ng	5709370	5	21.328	4080690	20.0