LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	8	15	17	rBV3	1212525	2055745	3.05%	0.157%
2	3.105	17	20	21	rVV	1295323	1674584	2.49%	0.128%
3	3.128	21	24	27	rVV	2023884	3440182	5.11%	0.263%
4	3.175	27	32	41	rVB	6029306	13525821	20.08%	1.034%
5	3.510	77	89	101	rBV2	11236688	33811313	50.18%	2.584%
6	3.605	101	105	111	rBV	1514695	3119058	4.63%	0.238%
7	3.663	111	115	125	rVB	2855977	6289027	9.33%	0.481%
8	3.752	125	130	142	rBV2	3664806	8744650	12.98%	0.668%
9	3.846	142	146	149	rBV2	974584	1858057	2.76%	0.142%
10	3.910	149	157	166	rVV3	9471167	30267774	44.93%	2.313%
11	4.005	166	173	183	rVB3	6754797	20470965	30.38%	1.564%
12	4.099	183	189	195	rBV5	1129402	2507977	3.72%	0.192%
13	4.181	195	203	216	rBV2	10828360	44486148	66.03%	3.400%
14	4.375	219	236	243	rVB3	14631131	60386509	89.63%	4.615%
15	4.475	243	253	260	rVB2	8896046	25098094	37.25%	1.918%
16	4.552	260	266	272	rBV	6168098	13983566	20.76%	1.069%
17	4.646	278	282	294	rVB3	2771672	8811263	13.08%	0.673%
18	4.757	294	301	312	rBV2	6730690	25525952	37.89%	1.951%
19	4.905	312	326	329	rVV3	4403967	18910279	28.07%	1.445%
20	4.963	330	336	341	rVV	9778672	28752129	42.68%	2.197%
21	5.022	342	346	362	rVB2	10430844	38204484	56.71%	2.919%
22	5.181	367	373	381	rBV2	4173125	13440464	19.95%	1.027%
23	5.293	381	392	404	rVB5	9519123	49661908	73.71%	3.795%
24	5.416	405	413	421	rBV	8674963	28981283	43.02%	2.215%
25	5.522	422	431	440	rVB3	4567460	17728923	26.31%	1.355%
26	5.622	440	448	455	rBV2	5171128	16280952	24.17%	1.244%
27	5.722	455	465	468	rBV5	3842981	12642595	18.76%	0.966%
28	5.787	470	476	478	rBV4	3374934	7482840	11.11%	0.572%
29	5.952	501	504	511	rVB4	5285141	10365434	15.39%	0.792%
30	6.028	511	517	523	rBV3	2257663	5270390	7.82%	0.403%
31	6.122	523	533	544	rBV5	12747836	45156910	67.02%	3.451%
32	6.222	544	550	561	rVB5	3285151	12565866	18.65%	0.960%
33	6.346	561	571	576	rBV5	11140584	33071353	49.09%	2.527%
34	6.434	576	586	589	rBV	8598906	24321144	36.10%	1.859%
35	6.604	609	615	619	rBV	2568102	5649810	8.39%	0.432%
36	6.657	620	624	629	rVB4	2714303	4882654	7.25%	0.373%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DRUM1-2

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.734	630	637	645	rBV5	3979573	13406872	19.90%	1.025%
38	6.828	646	653	657	rBV3	4287455	12465119	18.50%	0.953%
39	7.234	716	722	728	rVB2	6547136	14593245	21.66%	1.115%
40	7.528	759	772	774	rBV	11531893	47951659	71.17%	3.664%
41	7.593	780	783	792	rVB3	4386548	8223665	12.21%	0.628%
42	7.716	799	804	810	rBV7	3112102	8015764	11.90%	0.613%
43	7.875	822	831	834	rVB2	9788185	26044379	38.66%	1.990%
44	8.051	857	861	869	rVB5	3946964	8835540	13.11%	0.675%
45	8.157	869	879	885	rBV4	9485661	31936907	47.40%	2.441%
46	8.398	913	920	926	rBV	8737740	20803225	30.88%	1.590%
47	8.498	927	937	941	rBV3	6258663	20453135	30.36%	1.563%
48	8.640	953	961	963	rBV	7361765	17533784	26.02%	1.340%
49	8.804	983	989	992	rBV	3889903	8035720	11.93%	0.614%
50	8.857	993	998	1005	rVB	6728754	15374103	22.82%	1.175%
51	8.963	1005	1016	1025	rBV4	11705287	42428550	62.98%	3.242%
52	9.163	1026	1050	1053	rBV2	12688370	67373571	100.00%	5.149%
53	9.193	1053	1055	1056	rBV	1969130	1848781	2.74%	0.141%
54	9.310	1070	1075	1079	rBV4	3001162	6737663	10.00%	0.515%
55	9.498	1102	1107	1111	rVB2	5401923	9462829	14.05%	0.723%
56	9.557	1111	1117	1120	rVV2	7800976	13930687	20.68%	1.065%
57	9.593	1120	1123	1130	rVB4	6065795	10376112	15.40%	0.793%
58	9.734	1139	1147	1150	rBV2	3819080	8734453	12.96%	0.667%
59	9.781	1150	1155	1160	rVV3	9445290	20265771	30.08%	1.549%
60	9.840	1160	1165	1171	rVV3	7888617	18119685	26.89%	1.385%
61	9.910	1171	1177	1185	rVB4	5437617	16003973	23.75%	1.223%
62	9.998	1186	1192	1195	rBV2	6419579	11622719	17.25%	0.888%
63	10.063	1195	1203	1208	rVV5	8202582	22196625	32.95%	1.696%
64	10.110	1208	1211	1215	rVB2	5404993	7747694	11.50%	0.592%
65	10.175	1217	1222	1225	rBV	3518272	6342745	9.41%	0.485%
66	10.334	1243	1249	1258	rBV	4898536	9281776	13.78%	0.709%
67	10.410	1258	1262	1267	rVB3	1317724	1999231	2.97%	0.153%
68	10.492	1267	1276	1279	rBV4	3925264	8626203	12.80%	0.659%
69	10.628	1288	1299	1303	rBV3	12472854	34252084	50.84%	2.617%
70	10.675	1303	1307	1315	rVV2	6349793	13105726	19.45%	1.002%
71	10.745	1315	1319	1321	rVV4	619444	1016176	1.51%	0.078%
72	10.781	1322	1325	1331	rVB	1842810	2574601	3.82%	0.197%
73	10.845	1331	1336	1343	rVB2	2048010	3349054	4.97%	0.256%
74	10.987	1355	1360	1364	rBV	859261	1360326	2.02%	0.104%
75	11.028	1364	1367	1376	rVB4	628418	1232739	1.83%	0.094%
76	11.445	1431	1438	1445	rBV5	356564	879950	1.31%	0.067%

LSC Area Percent Report

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Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.634	1463	1470	1473	rBV5	602397	1526896	2.27%	0.117%
78	11.704	1478	1482	1488	rVB	864272	1404433	2.08%	0.107%
79	11.869	1506	1510	1517	rVB3	463597	697505	1.04%	0.053%
80	12.028	1532	1537	1547	rVB	806387	1271223	1.89%	0.097%
81	12.157	1552	1559	1567	rBV7	369044	992572	1.47%	0.076%
82	12.263	1572	1577	1586	rVB4	434286	905527	1.34%	0.069%
83	12.898	1678	1685	1689	rBV3	302409	724908	1.08%	0.055%
84	13.063	1705	1713	1721	rBV	1337032	2294884	3.41%	0.175%
85	13.269	1744	1748	1753	rVV	524058	706747	1.05%	0.054%
86	14.345	1927	1931	1935	rBV	590188	740313	1.10%	0.057%
87	14.439	1940	1947	1954	rVB	598032	947543	1.41%	0.072%
88	15.298	2089	2093	2098	rVB	582995	727753	1.08%	0.056%
89	15.939	2197	2202	2208	rVB	1023720	1530887	2.27%	0.117%
90	16.169	2236	2241	2243	rBV	621583	848854	1.26%	0.065%
91	17.204	2412	2417	2421	rBV	623188	892521	1.32%	0.068%
92	19.774	2850	2854	2858	rBV	2009353	2347994	3.49%	0.179%
93	21.310	3112	3115	3119	rVB	821107	1012445	1.50%	0.077%
94	21.610	3162	3166	3172	rVB	1372273	2105798	3.13%	0.161%
95	21.674	3173	3177	3178	rBV	1190919	1547660	2.30%	0.118%
96	21.904	3211	3216	3225	rBV	1622035	3773381	5.60%	0.288%
97	22.168	3256	3261	3273	rBV	3020283	7635764	11.33%	0.584%

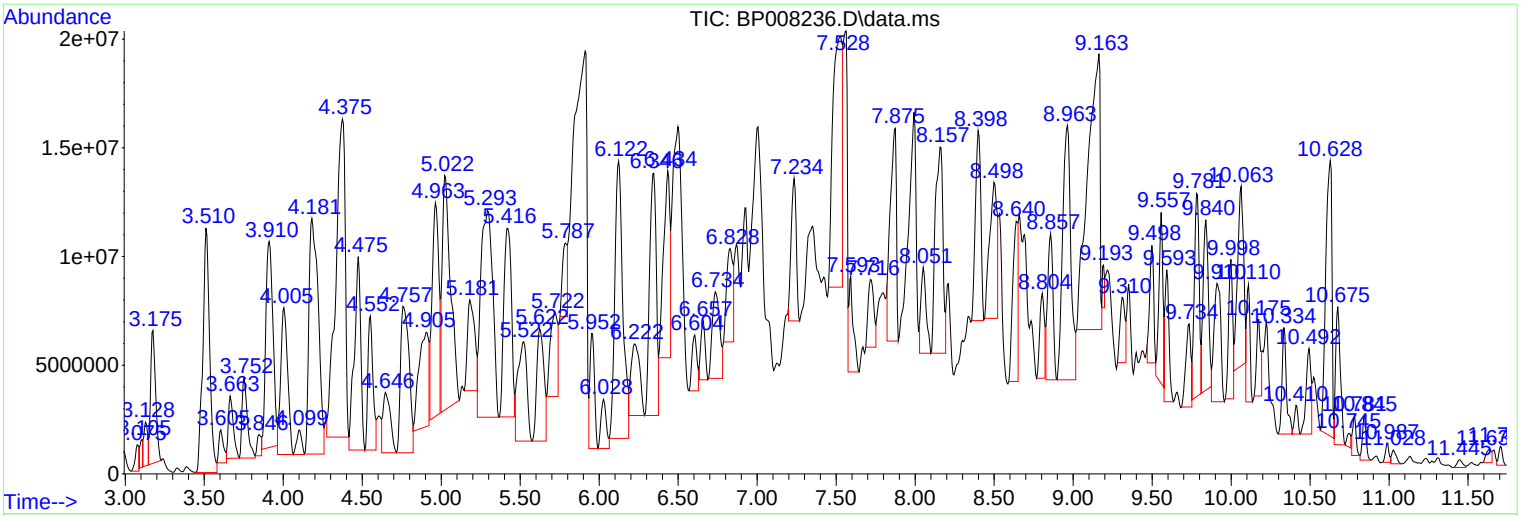
Sum of corrected areas: 1308604552

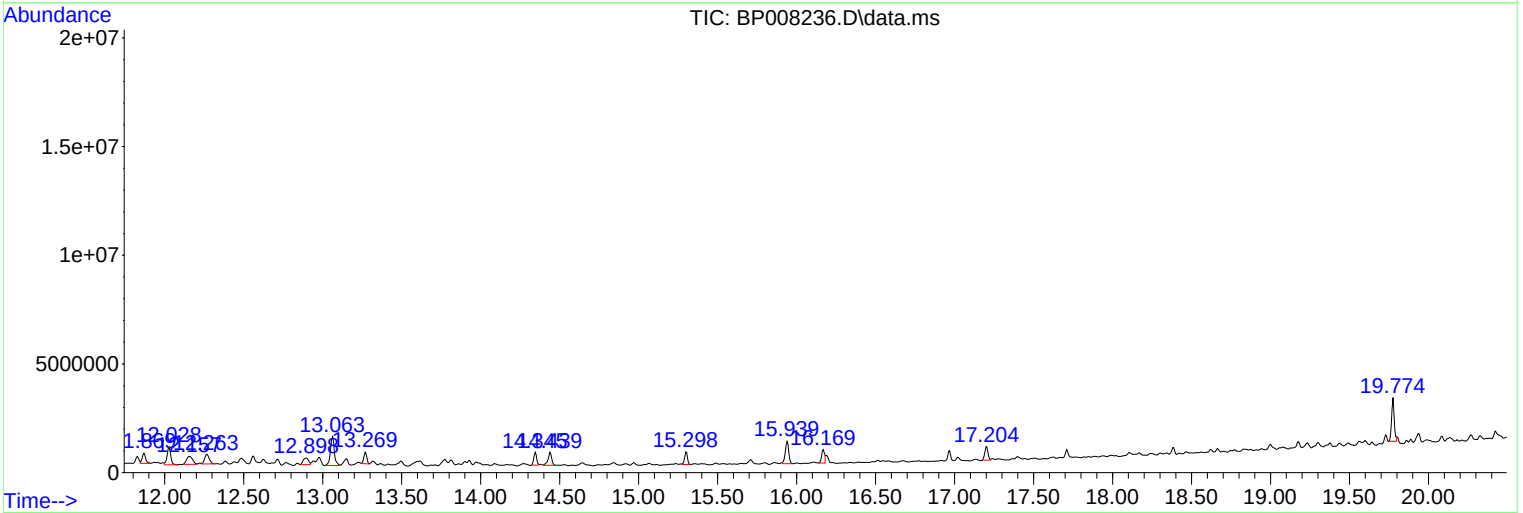
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

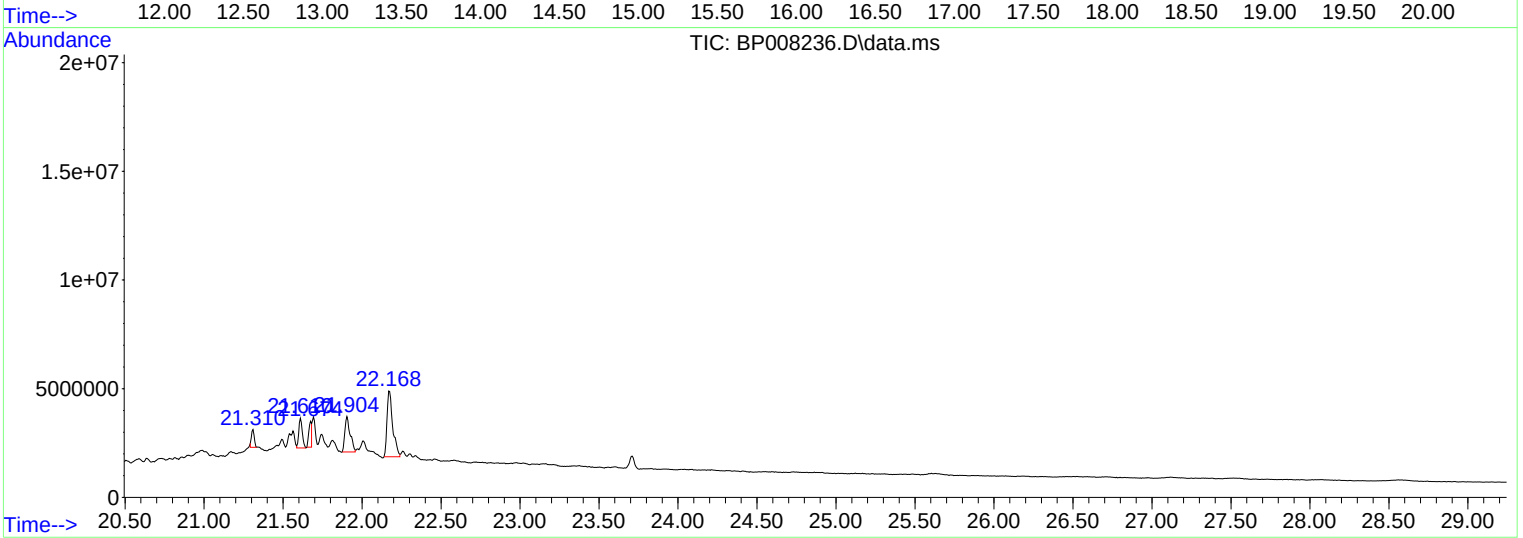
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

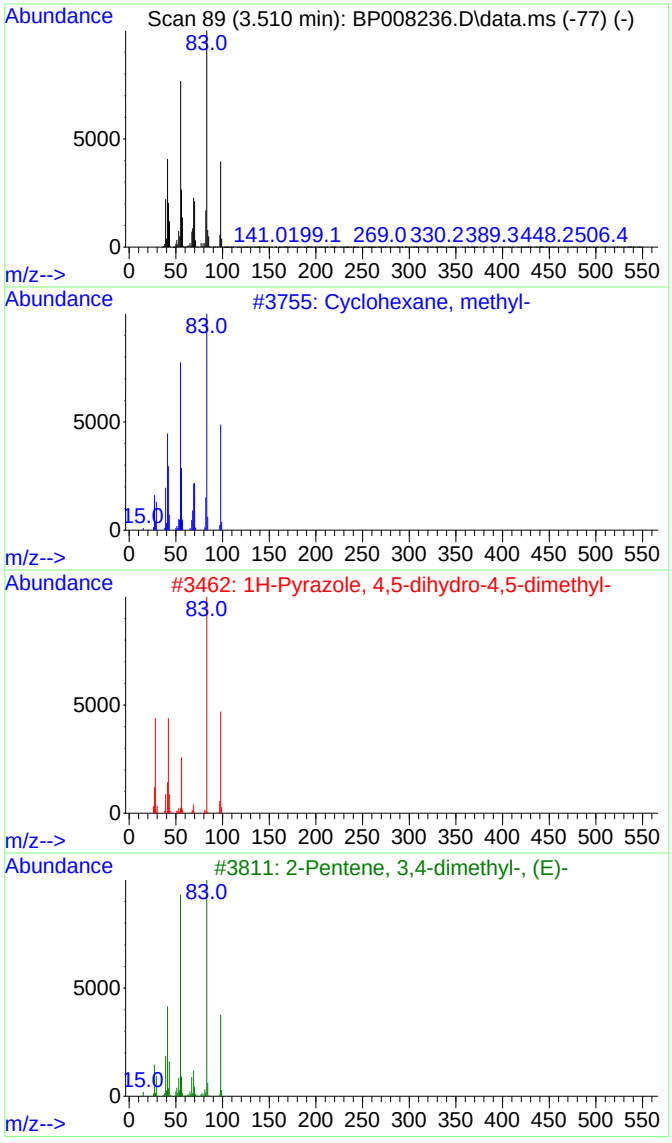
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

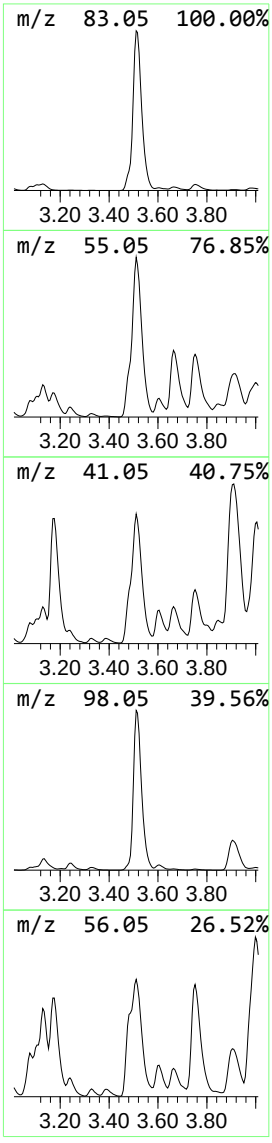
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.510	25.96 ng	33811300	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	59
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	58
4	3-Hexen-2-one	98	C6H10O	000763-93-9	58
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

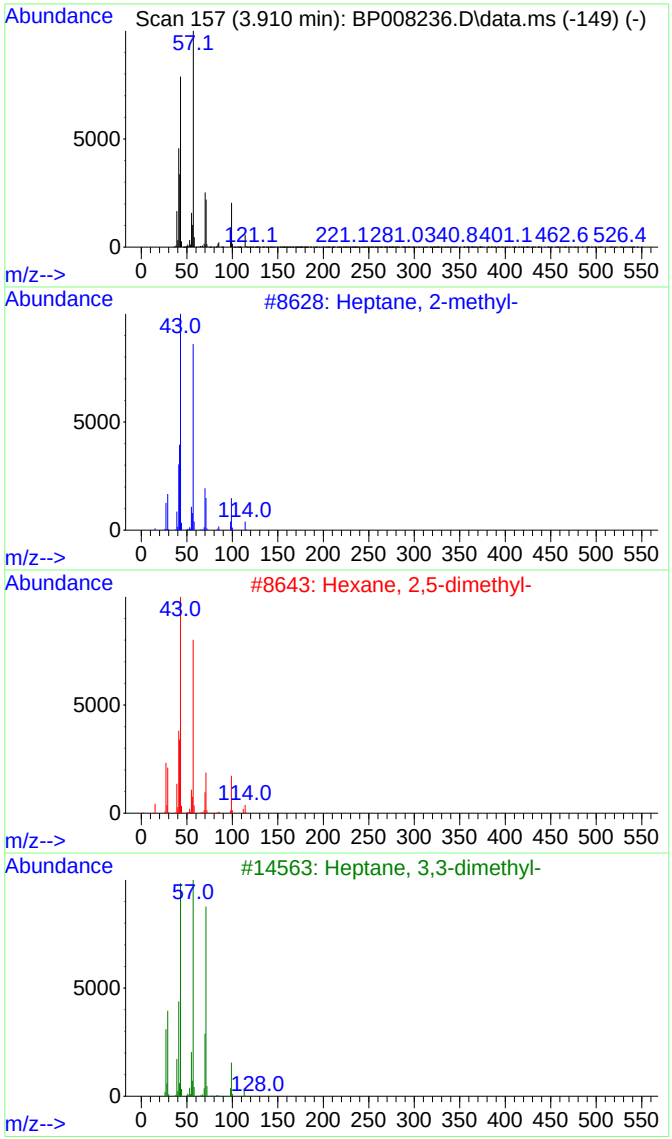
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

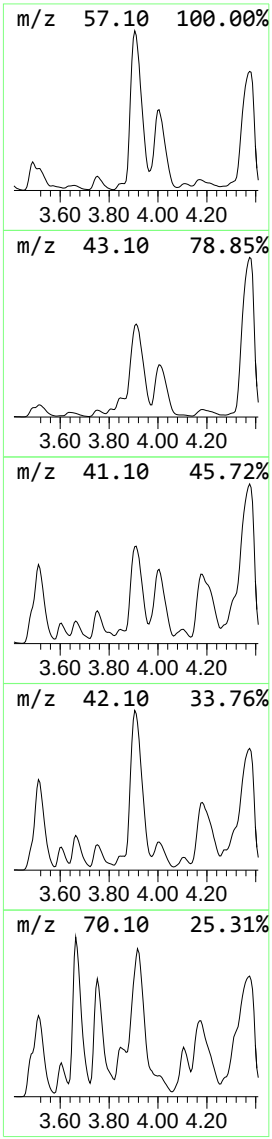
****

Peak Number 2 Heptane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.910	23.24 ng	30267800	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
3	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47
4	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	47
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

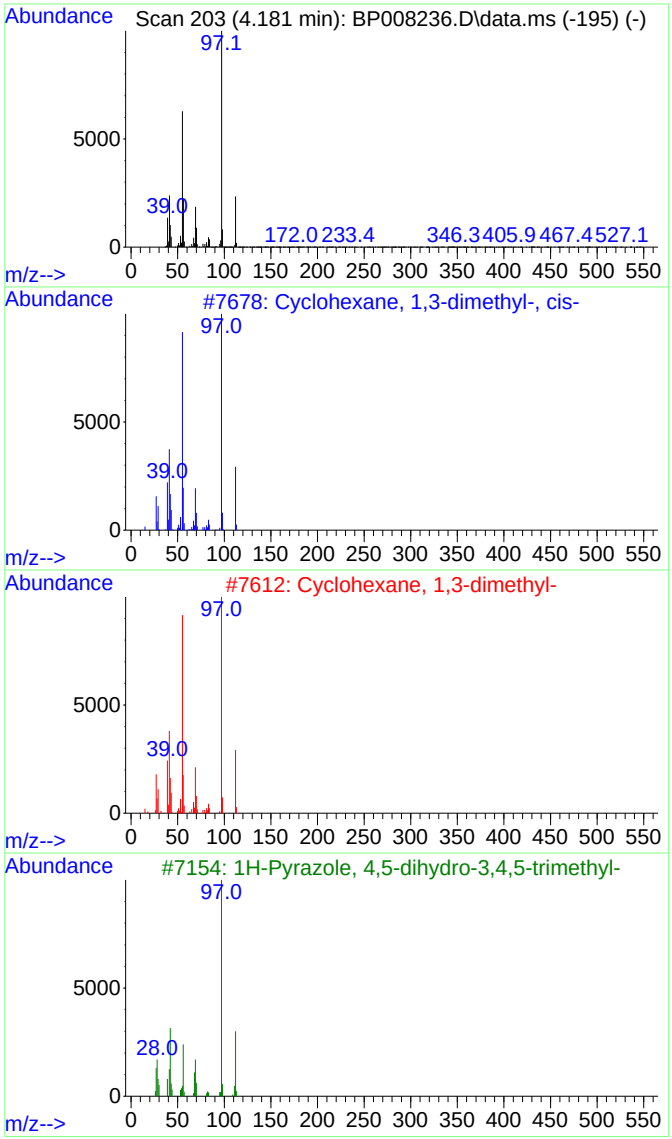
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

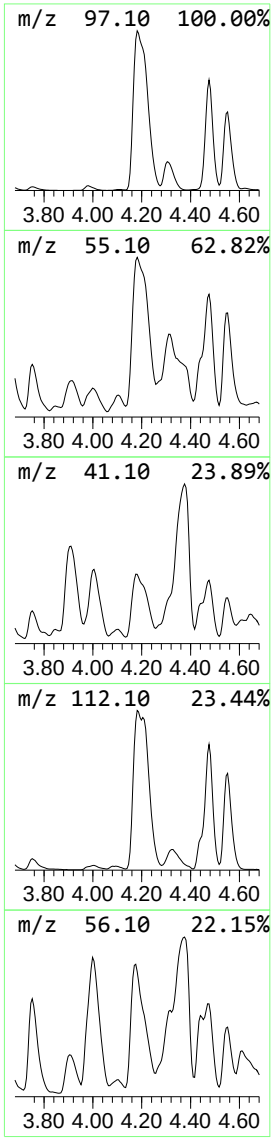
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.181	34.16 ng	44486100	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	90
3	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	83
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

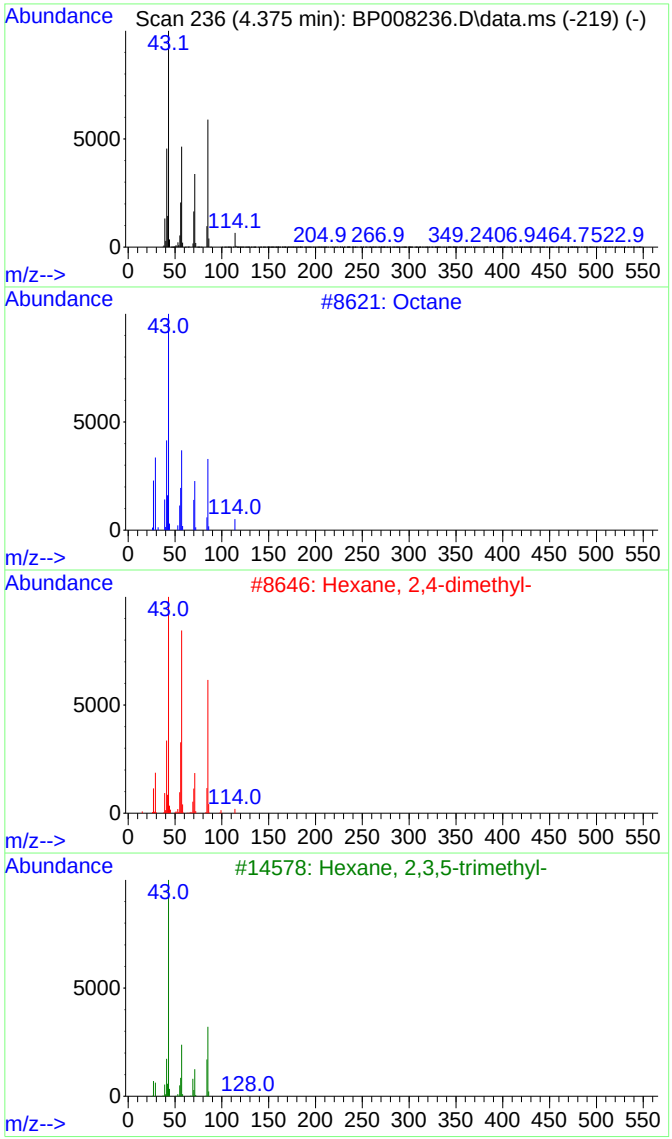
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

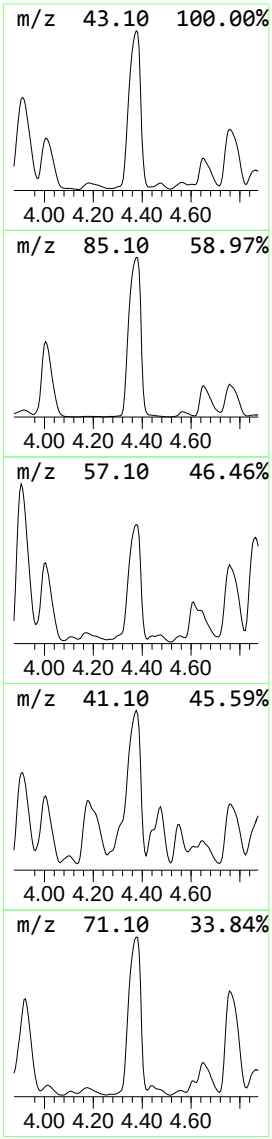
****

Peak Number 4 Octane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.375	46.37 ng	60386500	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
5	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

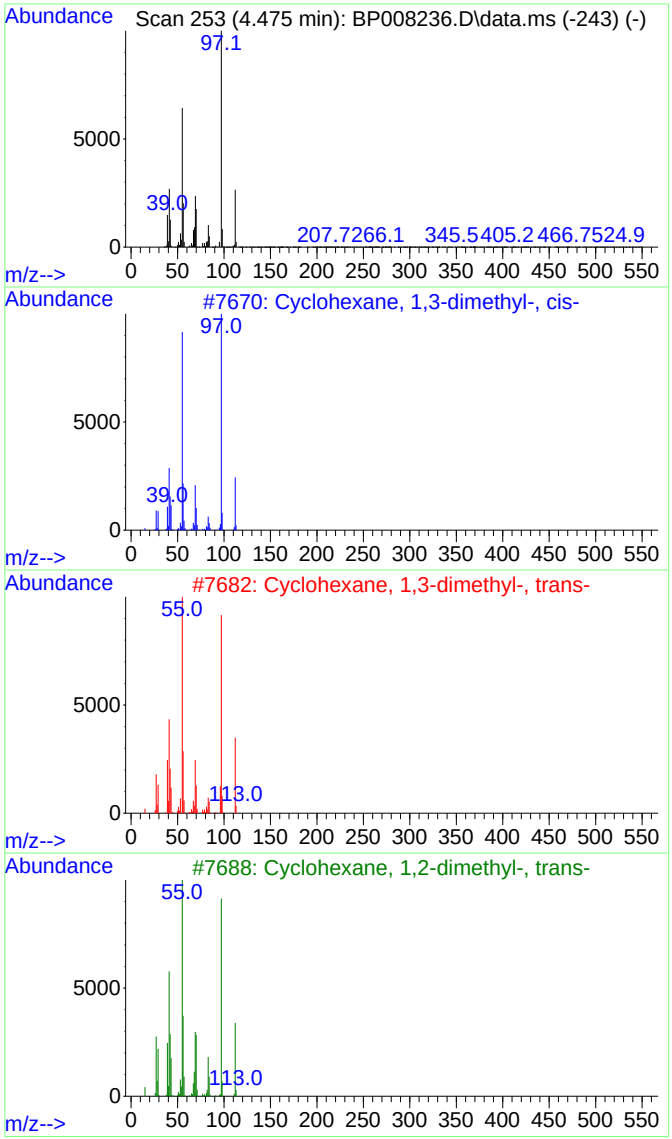
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

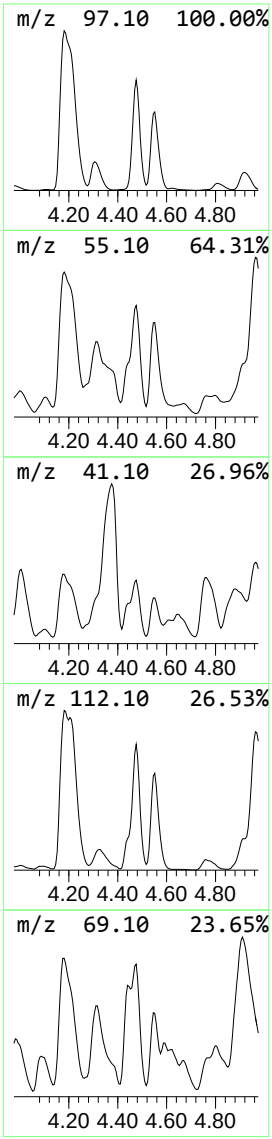
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.475	19.27 ng	25098100	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	86
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	86
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	74
5	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	72





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Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

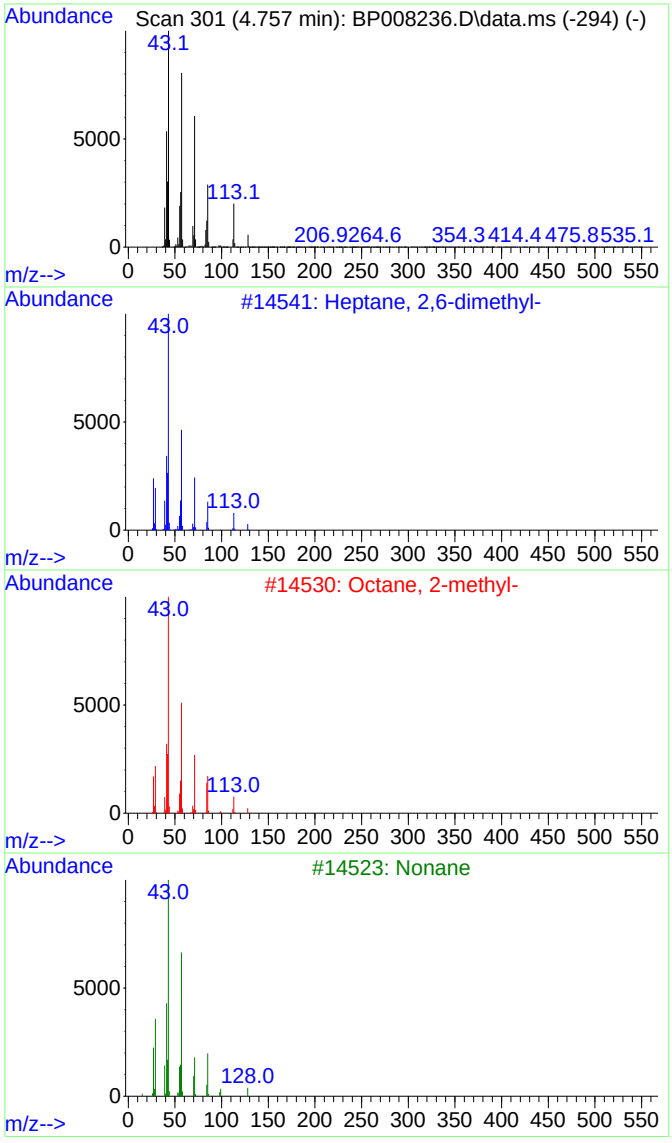
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

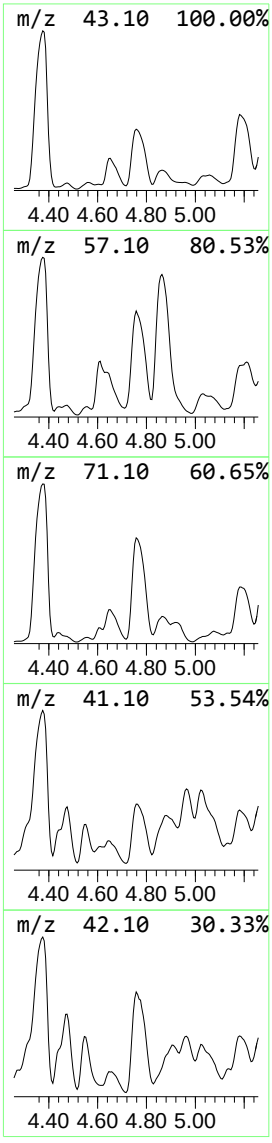
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.757	19.60 ng	25526000	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Octane, 2-methyl-	128	C9H20	003221-61-2	62
3	Nonane	128	C9H20	000111-84-2	58
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	52
5	Hexadecane	226	C16H34	000544-76-3	50





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Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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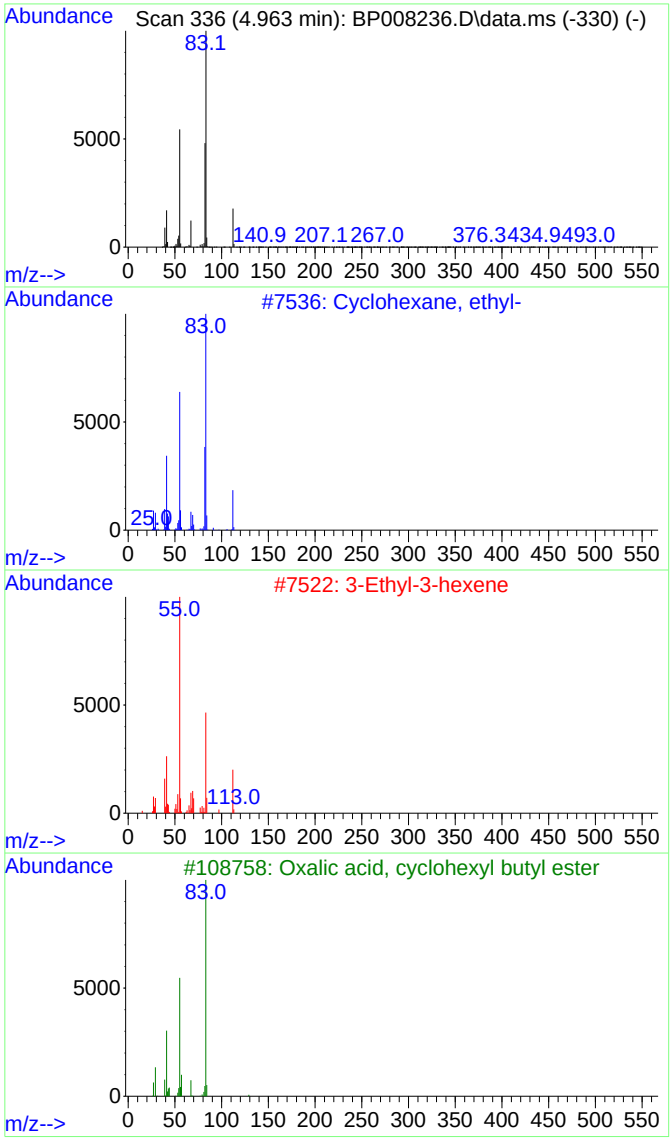
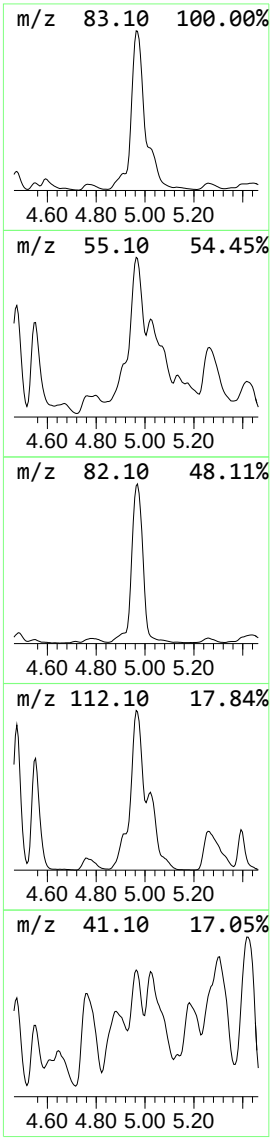
Peak Number 7 Cyclohexane, ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	22.08 ng	28752100	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	3-Ethyl-3-hexene	112	C8H16	016789-51-8	53
3	Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	53
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50





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Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

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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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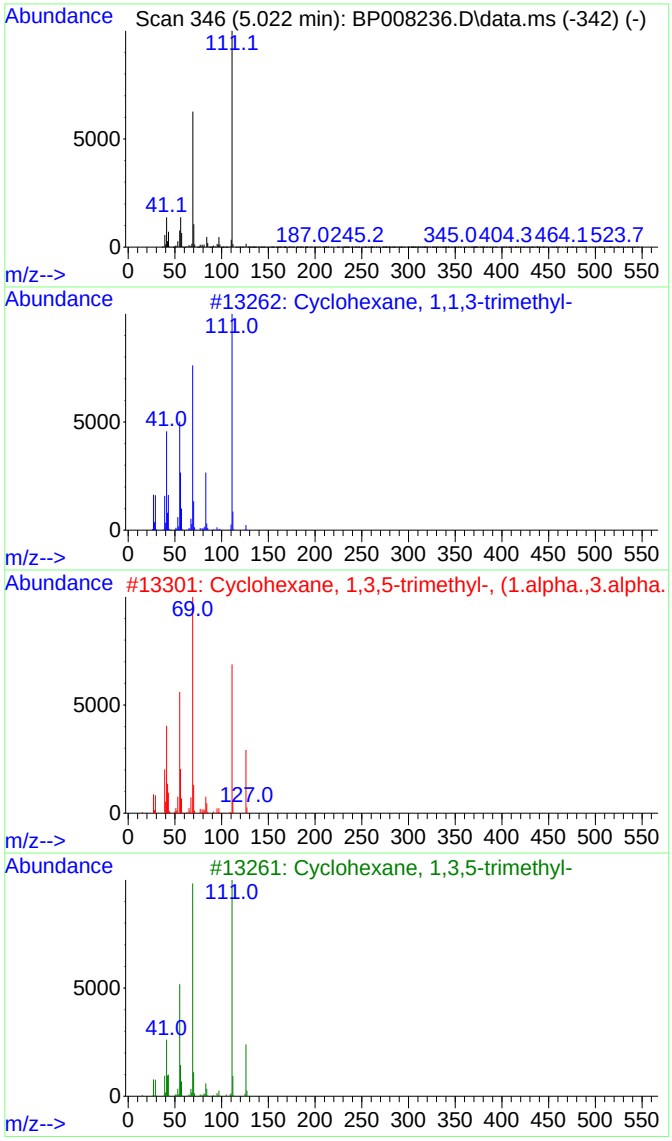
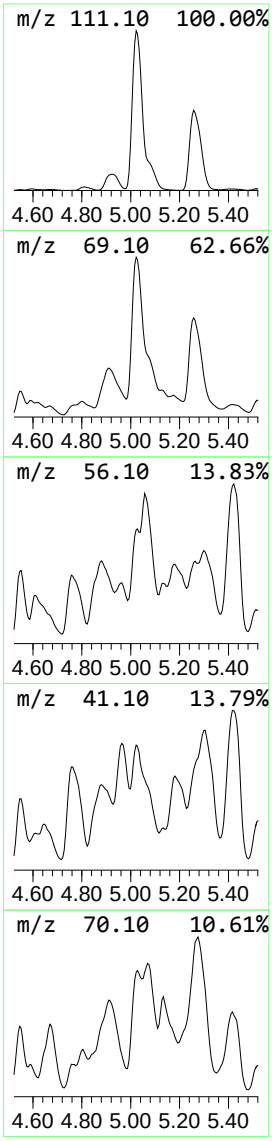
Peak Number 8 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	29.34 ng	38204500	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	56
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	56
4	Cyclohexane-1-carboxamide, N-(1-...	238	C14H26N2O	1000269-92-1	39
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	39





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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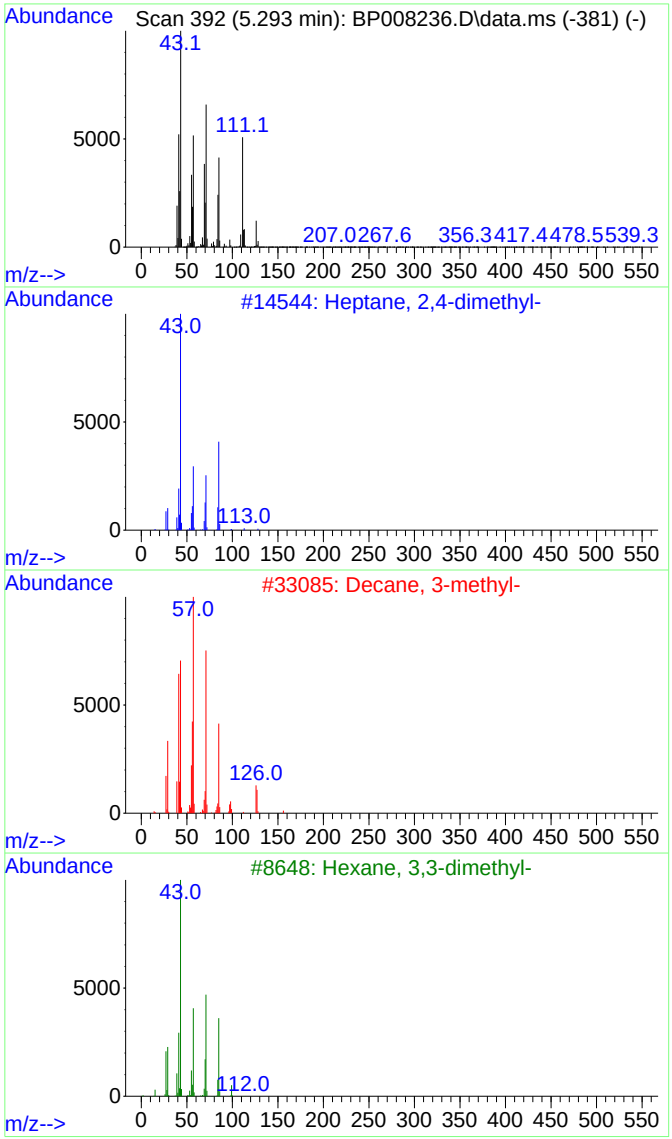
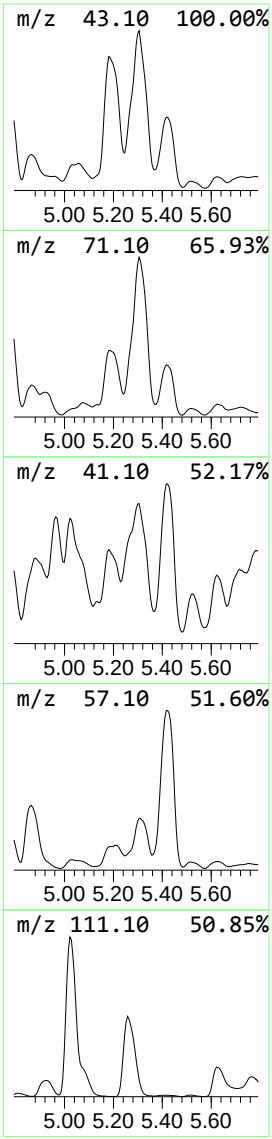
Peak Number 9 unknown5.293 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.293	38.14 ng	49661900	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
2	Decane, 3-methyl-	156	C11H24	013151-34-3	38
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35





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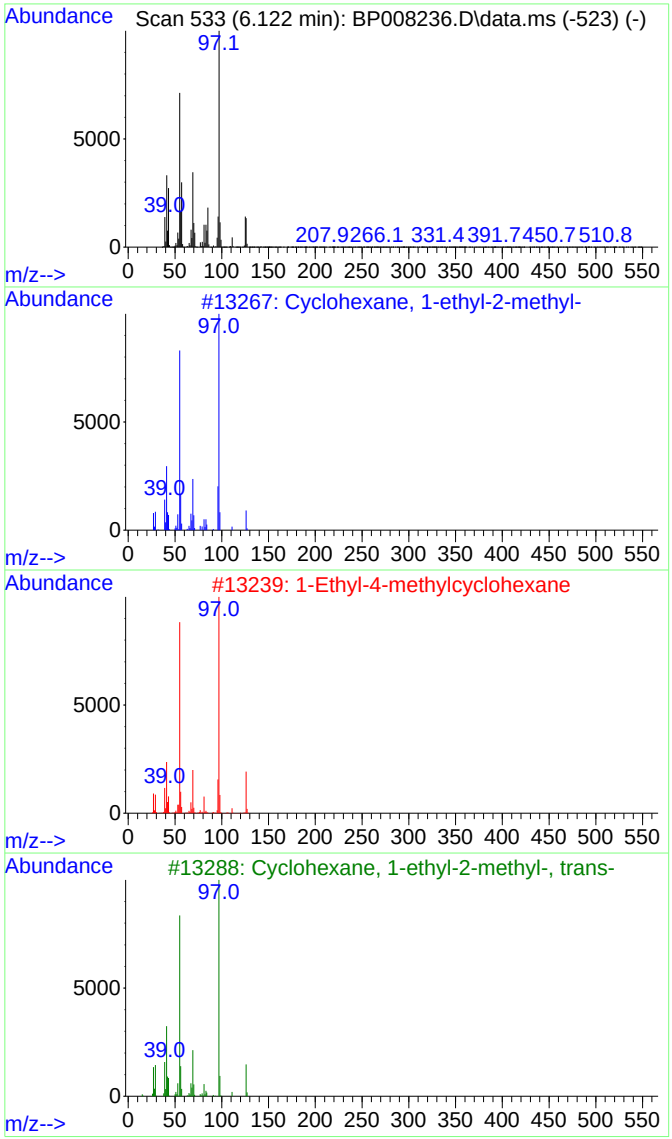
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

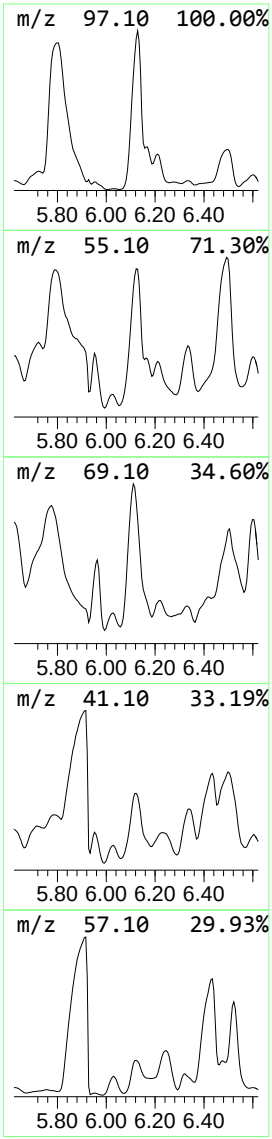
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.122	34.68 ng	45156900	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
5	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58





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Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

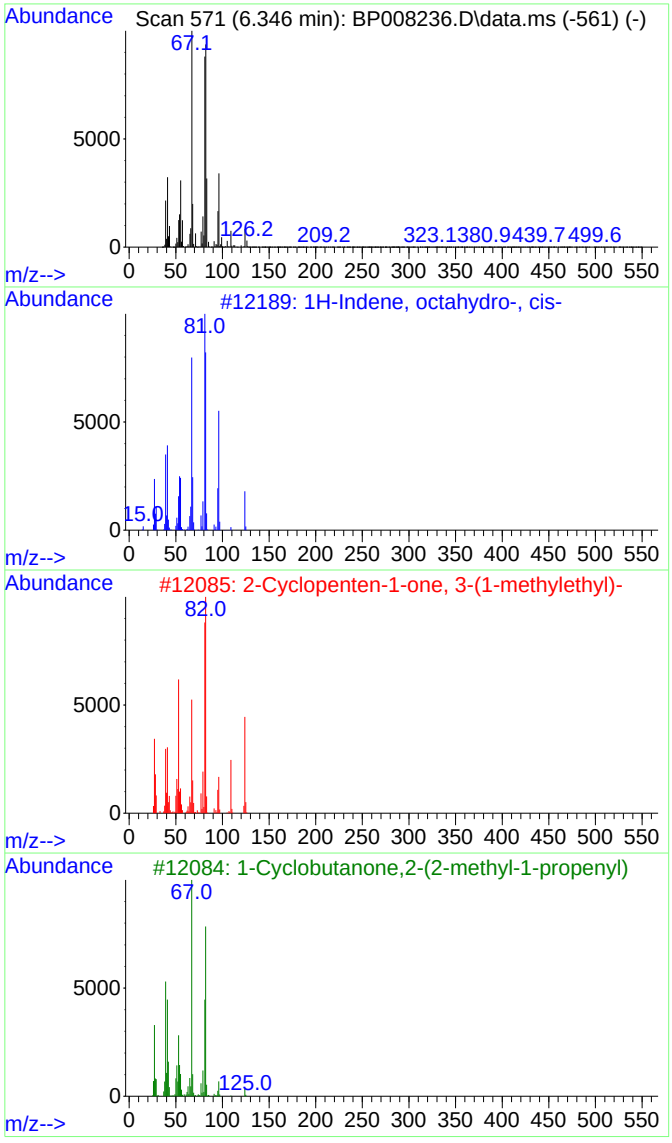
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

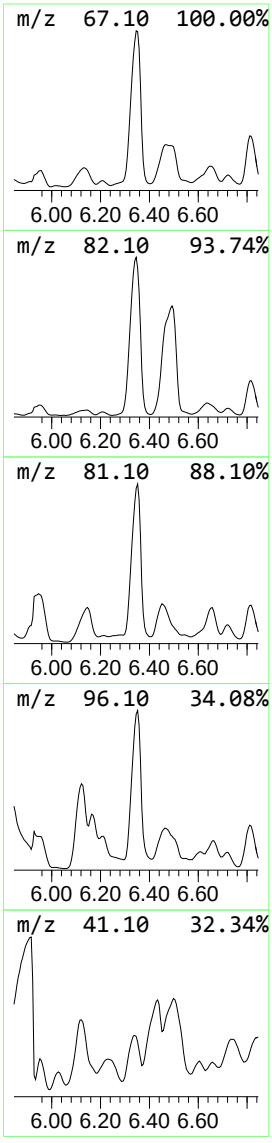
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, octahydro-, cis- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.346	25.40 ng	33071400	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50
2	2-Cyclopenten-1-one, 3-(1-methyl...	124	C8H12O	001619-28-9	50
3	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	47
4	(Z)-5-Octenyl acetate	170	C10H18O2	071978-00-2	43
5	Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	43





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Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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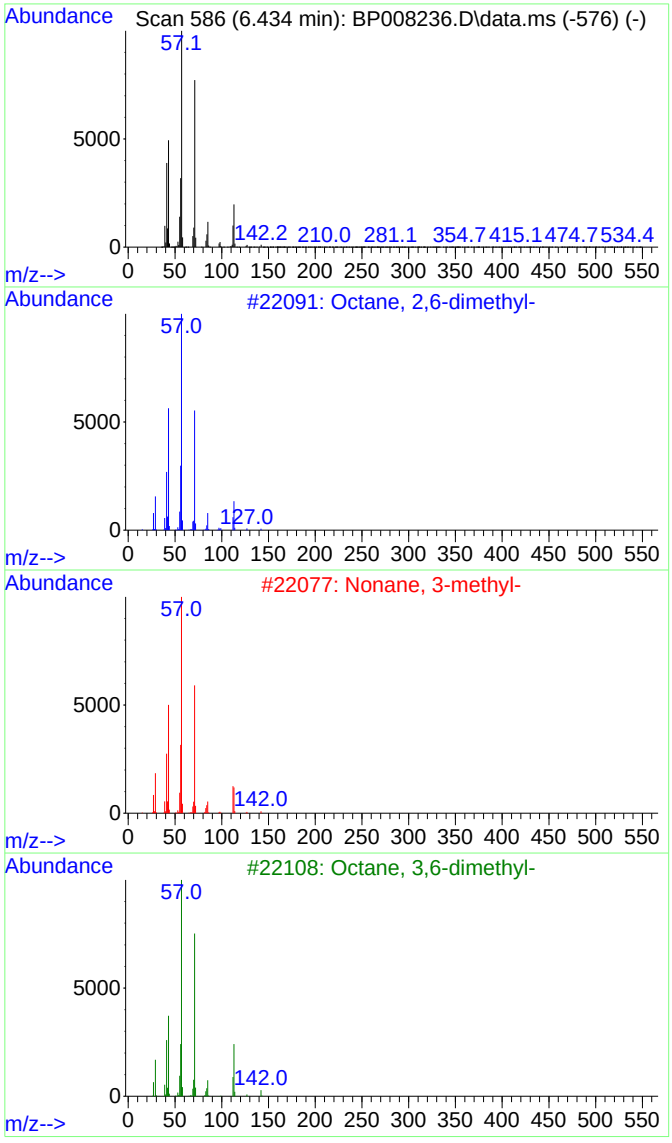
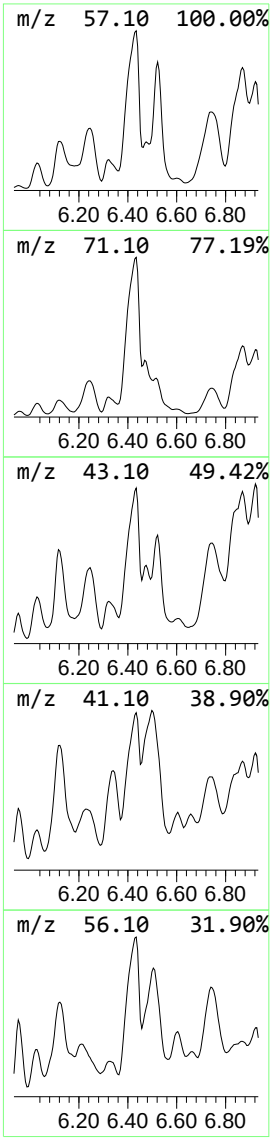
Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	18.68 ng	24321100	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
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...	418	C24H50O3S	1000309-19-9	86
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	86





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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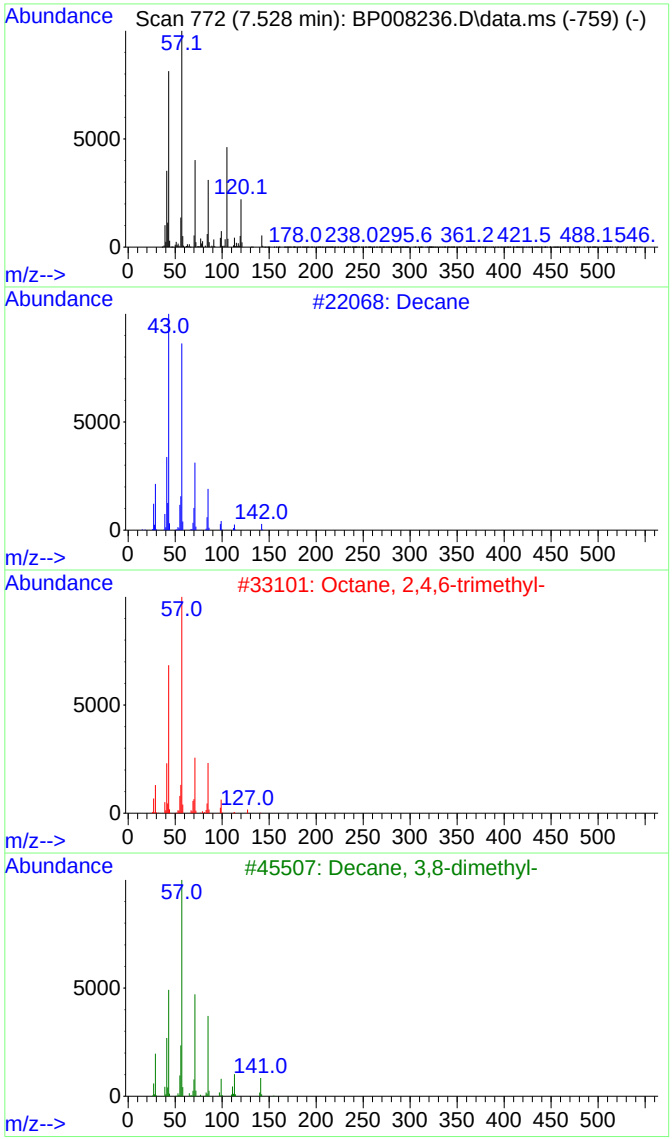
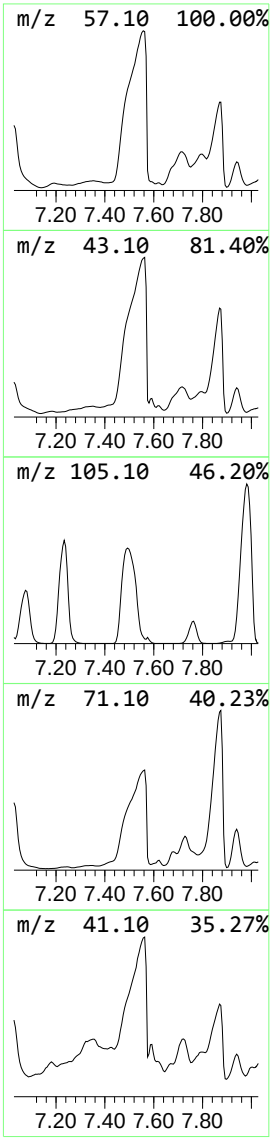
Peak Number 13 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	36.82 ng	47951700	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	58
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
5	Tridecane	184	C13H28	000629-50-5	47





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

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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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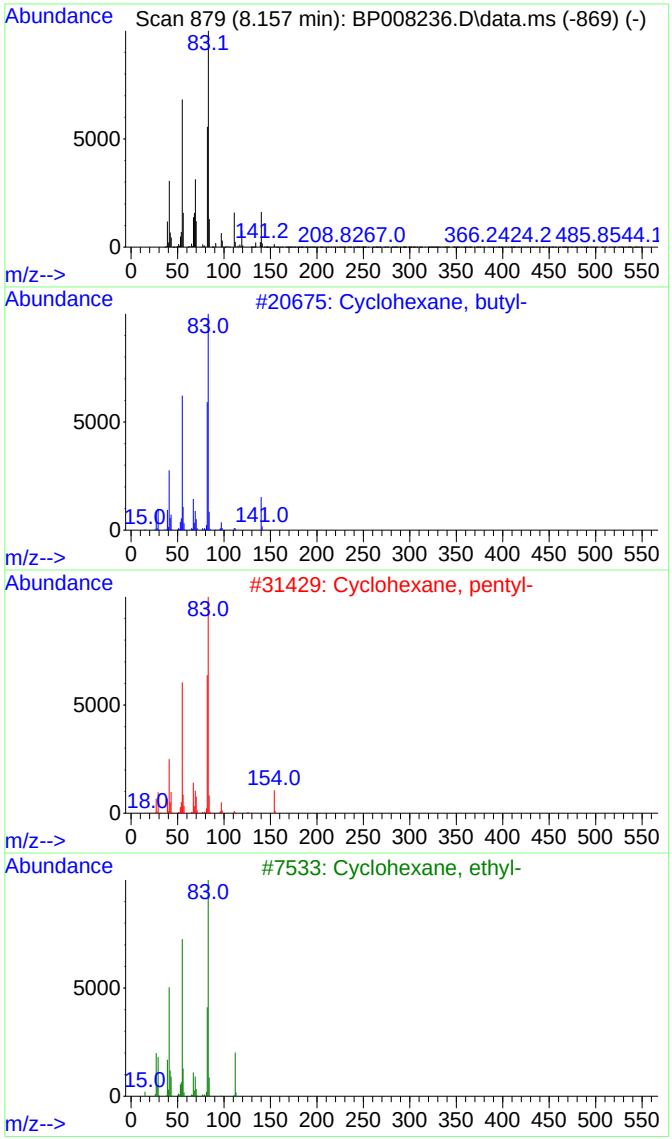
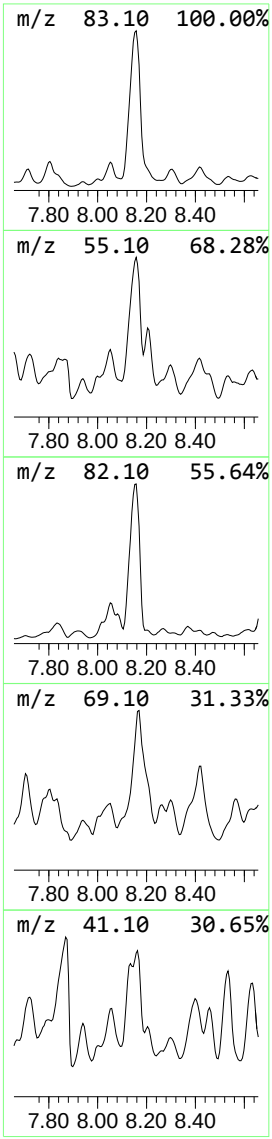
Peak Number 14 Cyclohexane, butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	24.52 ng	31936900	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	62
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	50





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

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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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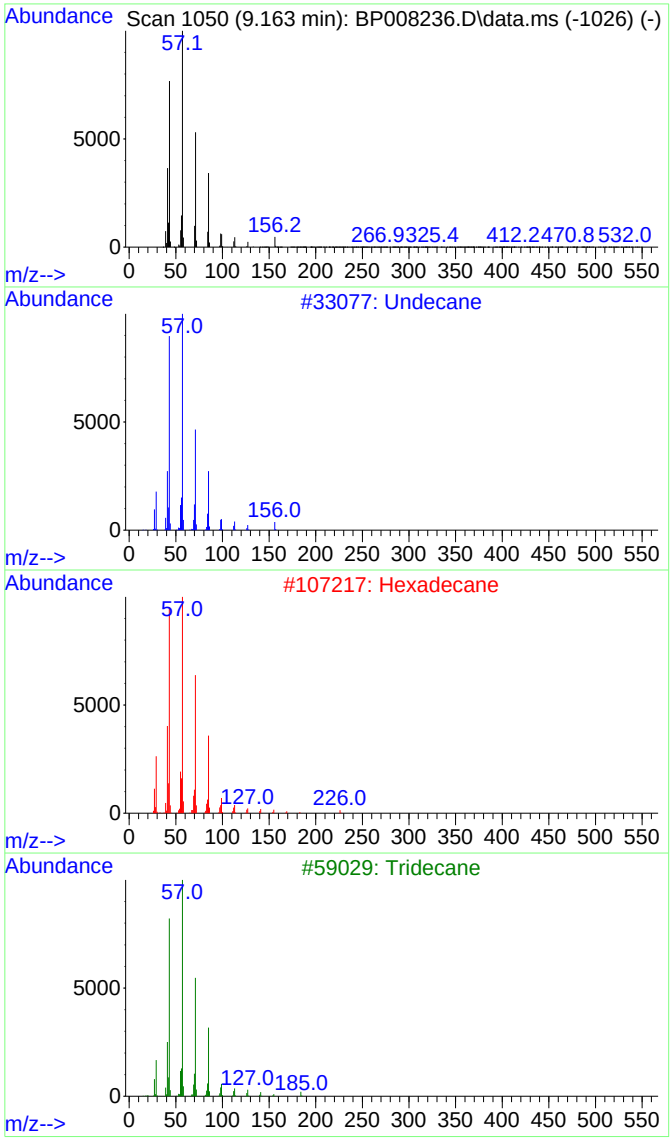
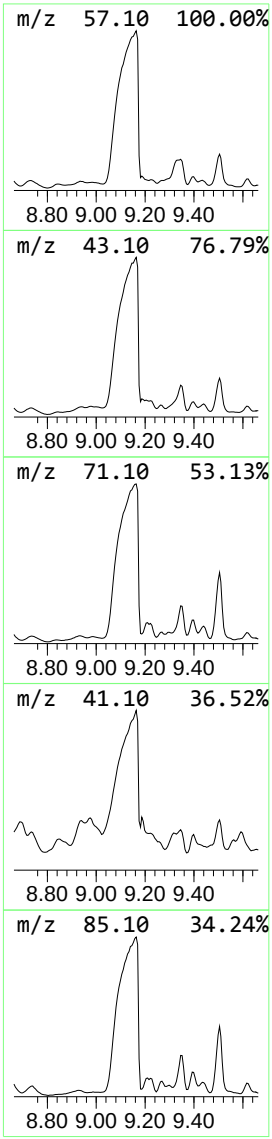
Peak Number 15 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	51.74 ng	67373600	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	86





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ALS Vial : 15 Sample Multiplier: 1

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BNA_P
ClientSampleId :
DRUM1-2

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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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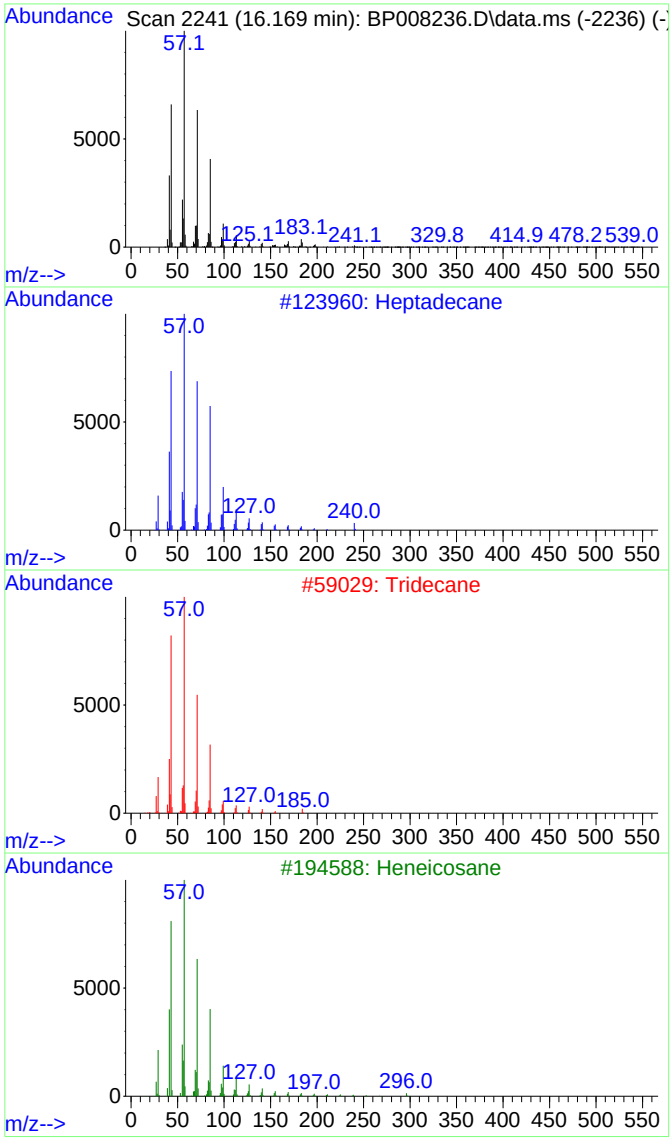
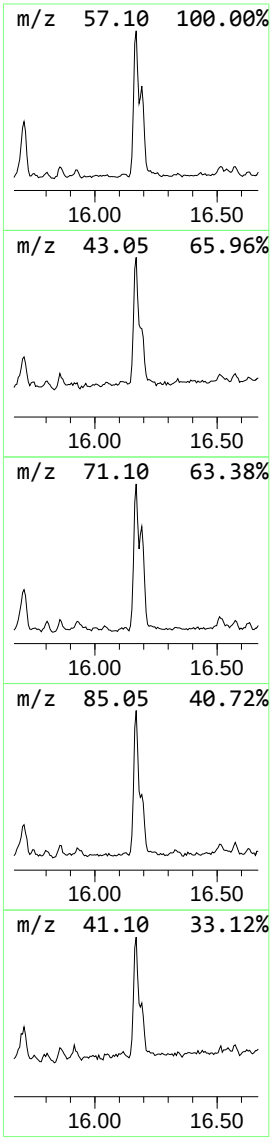
Peak Number 16 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	19.02 ng	848854	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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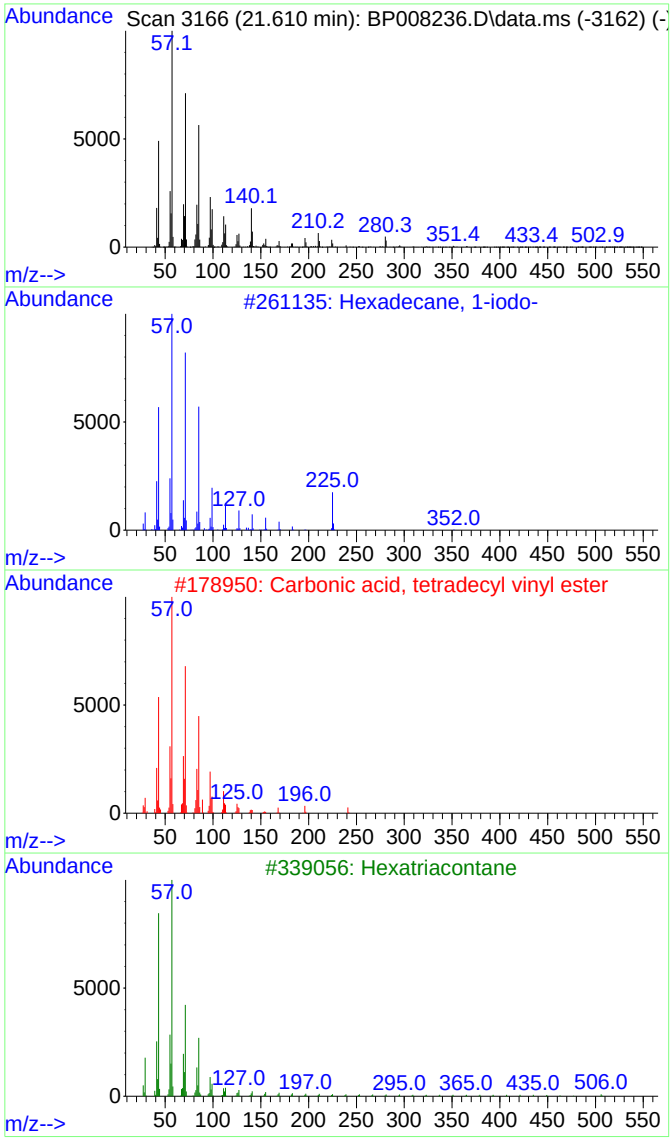
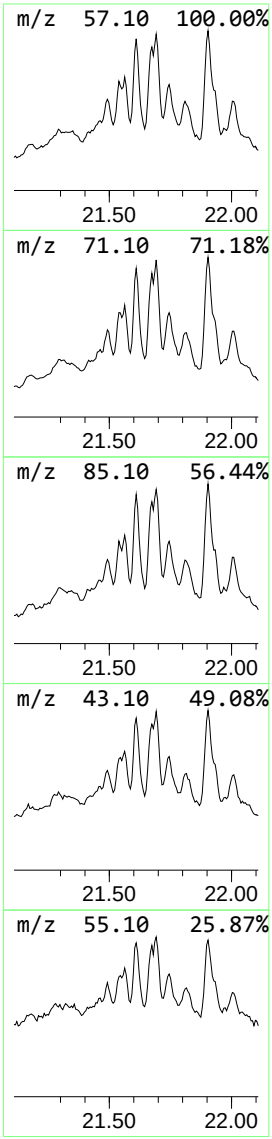
Peak Number 17 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.610	41.60 ng	2105800	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	92
2	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	74
3	Hexatriacontane	507	C36H74	000630-06-8	74
4	Hexacosane	366	C26H54	000630-01-3	70
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68





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Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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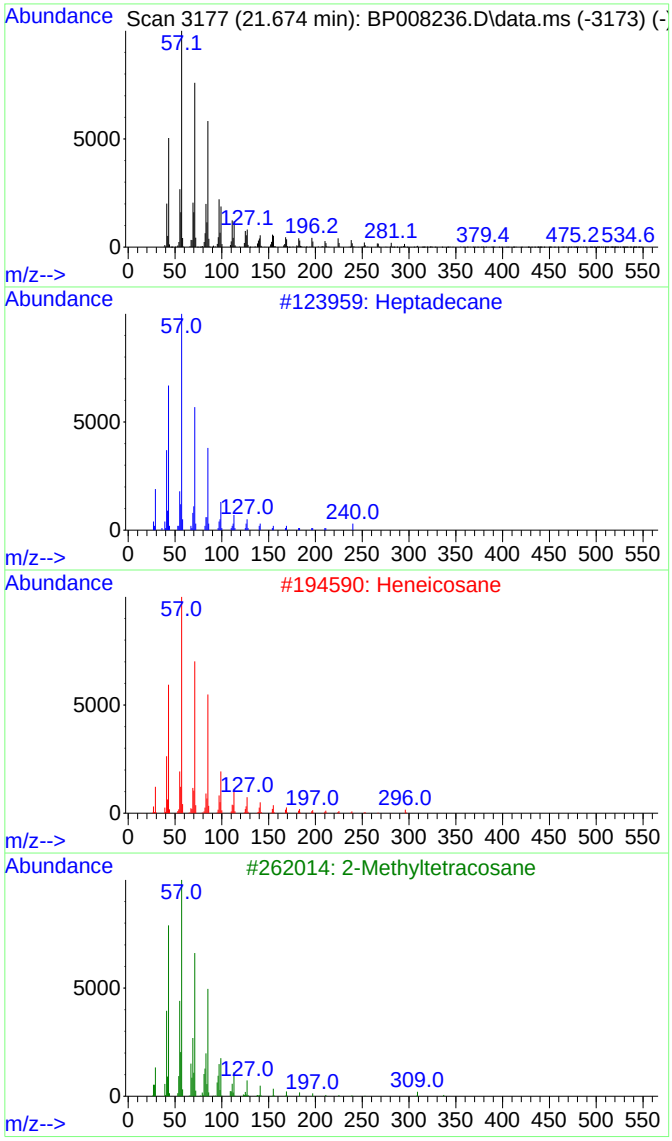
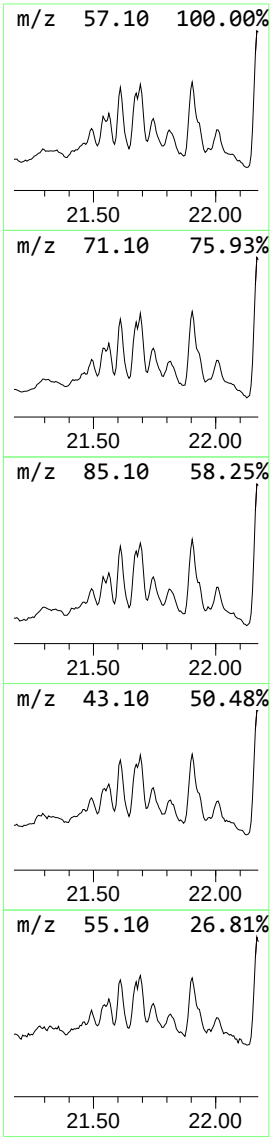
Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.674	30.57 ng	1547660	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	2-Methyltetracosane	352	C25H52	001560-78-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexacosane	366	C26H54	000630-01-3	87





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Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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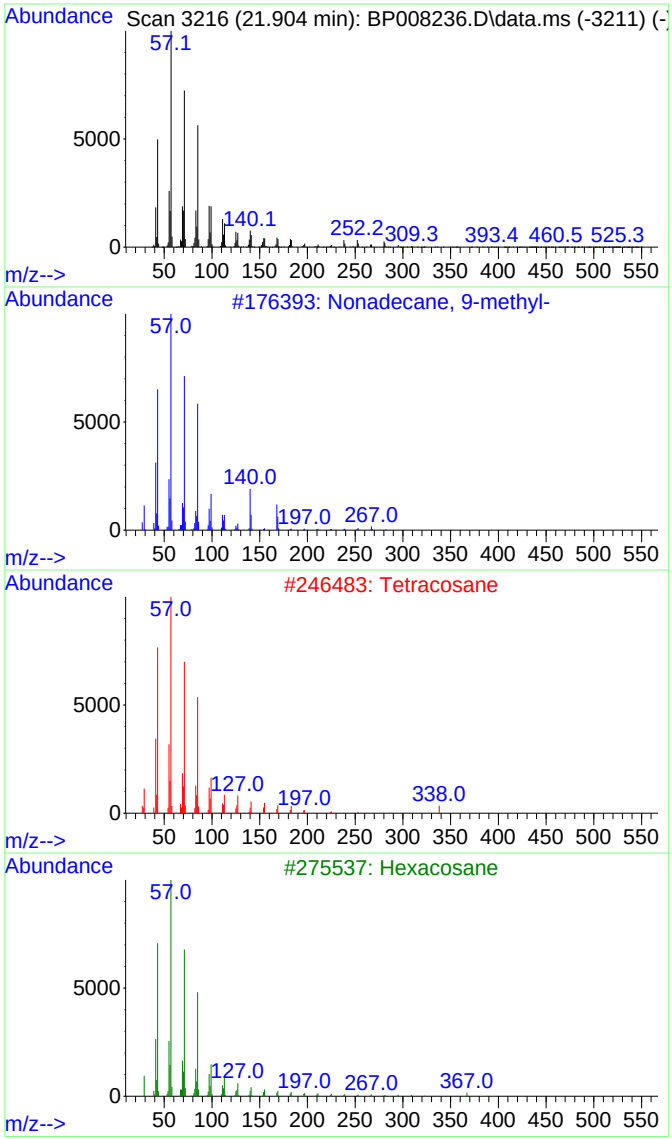
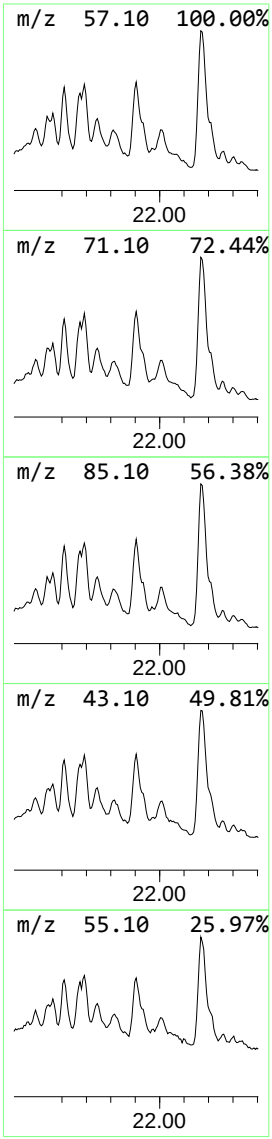
Peak Number 19 Nonadecane, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.904	74.54 ng	3773380	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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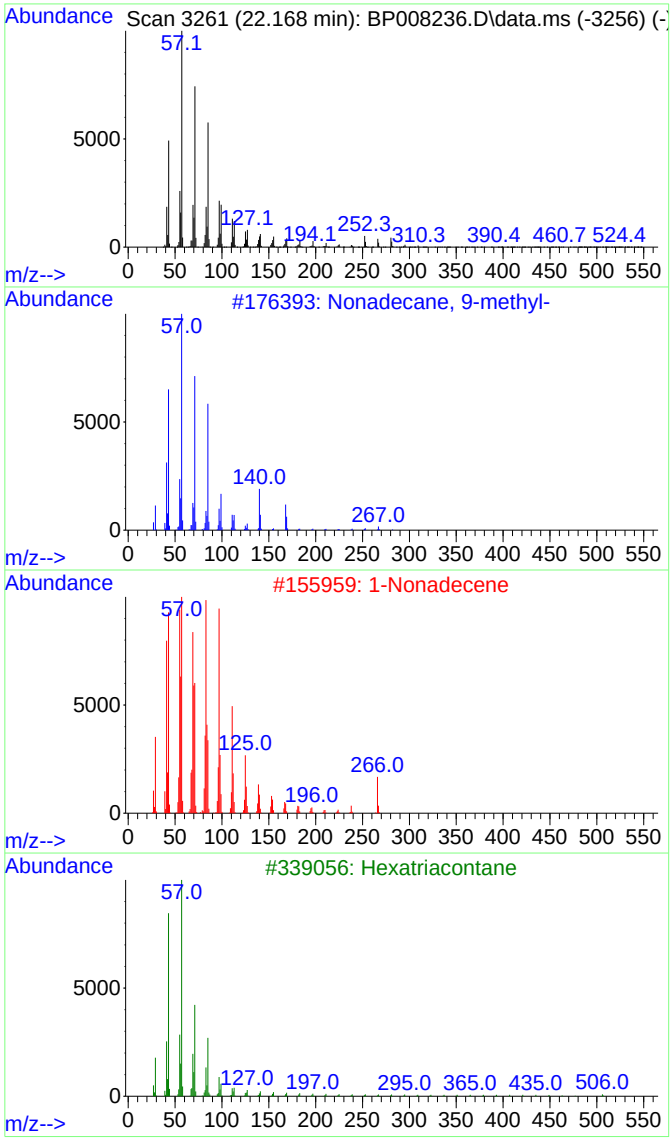
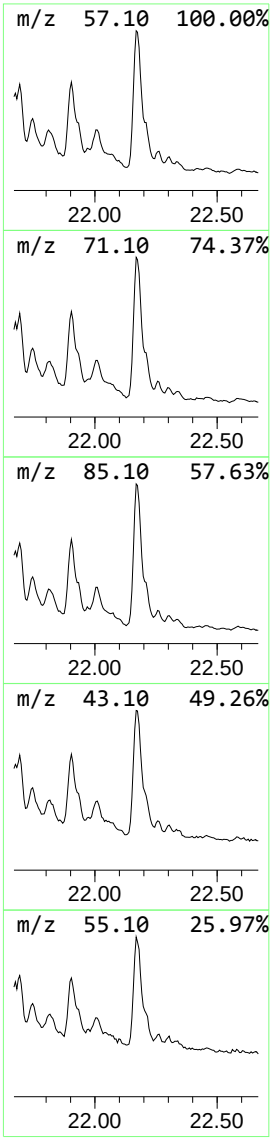
Peak Number 20 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.168	150.84 ng	7635760	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008236.D
Acq On : 06 Dec 2021 19:18
Operator : CG/JU
Sample : M4932-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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, me...	3.510	26.0	ng	33811300	1	7.846	26044400	20.0
Heptane, 2-methyl-	3.910	23.2	ng	30267800	1	7.846	26044400	20.0
Cyclohexane, 1,...	4.181	34.2	ng	44486100	1	7.846	26044400	20.0
Octane	4.375	46.4	ng	60386500	1	7.846	26044400	20.0
Cyclohexane, 1,...	4.475	19.3	ng	25098100	1	7.846	26044400	20.0
Heptane, 2,6-di...	4.757	19.6	ng	25526000	1	7.846	26044400	20.0
Cyclohexane, et...	4.963	22.1	ng	28752100	1	7.846	26044400	20.0
Cyclohexane, 1,...	5.022	29.3	ng	38204500	1	7.846	26044400	20.0
unknown5.293	5.293	38.1	ng	49661900	1	7.846	26044400	20.0
Cyclohexane, 1-...	6.122	34.7	ng	45156900	1	7.846	26044400	20.0
1H-Indene, octa...	6.346	25.4	ng	33071400	1	7.846	26044400	20.0
Octane, 2,6-dim...	6.434	18.7	ng	24321100	1	7.846	26044400	20.0
Decane	7.528	36.8	ng	47951700	1	7.846	26044400	20.0
Cyclohexane, bu...	8.157	24.5	ng	31936900	1	7.846	26044400	20.0
Undecane	9.163	51.7	ng	67373600	1	7.846	26044400	20.0
Heptadecane	16.169	19.0	ng	848854	4	17.204	892521	20.0
Hexadecane, 1-i...	21.610	41.6	ng	2105800	5	21.310	1012450	20.0
Heneicosane	21.674	30.6	ng	1547660	5	21.310	1012450	20.0
Nonadecane, 9-m...	21.904	74.5	ng	3773380	5	21.310	1012450	20.0
1-Nonadecene	22.168	150.8	ng	7635760	5	21.310	1012450	20.0