LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028624.D
Acq On : 02 Feb 2021 16:10
Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028624.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	193	198	211	rVB	234274	305223	32.80%	1.733%
2	4.987	301	306	312	rVB	31275	46148	4.96%	0.262%
3	5.469	381	388	399	rVB	221444	326714	35.11%	1.855%
4	7.057	652	658	661	rVV4	17347	39131	4.20%	0.222%
5	7.104	661	666	676	rVB2	133968	265709	28.55%	1.509%
6	7.298	693	699	707	rBV	32979	60111	6.46%	0.341%
7	7.534	734	739	742	rVV	32515	50024	5.38%	0.284%
8	7.563	742	744	750	rVV	31002	45267	4.86%	0.257%
9	7.892	795	800	802	rBV	28664	40708	4.37%	0.231%
10	7.928	802	806	810	rVB	85383	116826	12.55%	0.663%
11	8.040	820	825	832	rBV2	41451	77650	8.34%	0.441%
12	8.475	896	899	903	rVV	33769	47015	5.05%	0.267%
13	8.569	909	915	920	rBV3	55924	100108	10.76%	0.569%
14	8.687	928	935	938	rBV2	25346	38785	4.17%	0.220%
15	9.034	990	994	1000	rVV	63573	113203	12.16%	0.643%
16	9.104	1000	1006	1011	rVV	286267	514908	55.33%	2.924%
17	9.151	1011	1014	1019	rVV	89317	124861	13.42%	0.709%
18	9.287	1031	1037	1042	rVB4	38709	84081	9.03%	0.478%
19	9.375	1042	1052	1059	rBV6	27802	87668	9.42%	0.498%
20	9.439	1059	1063	1068	rVV7	27399	53756	5.78%	0.305%
21	9.563	1079	1084	1089	rVB2	37718	55073	5.92%	0.313%
22	9.622	1089	1094	1096	rBV	42328	62555	6.72%	0.355%
23	9.651	1096	1099	1103	rVB	37125	51645	5.55%	0.293%
24	9.810	1118	1126	1130	rBV5	16805	40795	4.38%	0.232%
25	9.863	1130	1135	1139	rVV2	25873	46469	4.99%	0.264%
26	9.910	1139	1143	1151	rVV3	38203	103012	11.07%	0.585%
27	9.981	1151	1155	1165	rVB3	35190	91928	9.88%	0.522%
28	10.075	1165	1171	1176	rBV4	31918	62967	6.77%	0.358%
29	10.139	1176	1182	1188	rVV3	97654	191826	20.61%	1.089%
30	10.310	1205	1211	1216	rVB5	23002	45942	4.94%	0.261%
31	10.369	1216	1221	1226	rVB	73103	118524	12.74%	0.673%
32	10.433	1227	1232	1239	rBV2	26093	54984	5.91%	0.312%
33	10.510	1240	1245	1255	rBV4	24274	49074	5.27%	0.279%
34	10.622	1255	1264	1266	rBV5	23510	55920	6.01%	0.318%
35	10.698	1271	1277	1281	rBV2	179755	326546	35.09%	1.855%
36	10.739	1281	1284	1289	rVB	120139	180949	19.44%	1.028%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.851	1298	1303	1305	rBV	39755	67182	7.22%	0.382%
38	10.886	1305	1309	1314	rVB	84712	127721	13.72%	0.725%
39	10.951	1315	1320	1326	rBV3	34369	64559	6.94%	0.367%
40	11.204	1358	1363	1371	rVB4	65169	131860	14.17%	0.749%
41	11.316	1377	1382	1386	rBV	32825	52434	5.63%	0.298%
42	11.398	1391	1396	1398	rBV2	32831	57916	6.22%	0.329%
43	11.563	1419	1424	1432	rVB5	45720	93921	10.09%	0.533%
44	11.645	1433	1438	1445	rBV3	73058	129468	13.91%	0.735%
45	11.745	1450	1455	1459	rVV	103883	158374	17.02%	0.899%
46	11.786	1459	1462	1466	rVV4	30115	46167	4.96%	0.262%
47	11.839	1468	1471	1477	rVB2	41040	68142	7.32%	0.387%
48	11.928	1481	1486	1493	rVB2	100909	172392	18.52%	0.979%
49	12.151	1516	1524	1529	rBV	248073	405907	43.62%	2.305%
50	12.286	1543	1547	1553	rVB	86801	125690	13.51%	0.714%
51	12.369	1558	1561	1565	rVB3	45673	61841	6.65%	0.351%
52	12.651	1606	1609	1614	rVB2	82152	130413	14.01%	0.741%
53	12.780	1626	1631	1636	rBV5	57492	102766	11.04%	0.584%
54	12.845	1636	1642	1646	rBV5	27042	63195	6.79%	0.359%
55	12.898	1647	1651	1653	rBV2	23417	38359	4.12%	0.218%
56	12.963	1659	1662	1667	rVB	73855	90945	9.77%	0.516%
57	13.051	1673	1677	1682	rBV5	49425	91337	9.81%	0.519%
58	13.104	1682	1686	1693	rVV2	140661	218256	23.45%	1.240%
59	13.204	1697	1703	1709	rVB	619734	900375	96.75%	5.113%
60	13.280	1713	1716	1722	rVB6	30337	48020	5.16%	0.273%
61	13.357	1725	1729	1731	rBV2	57158	87130	9.36%	0.495%
62	13.392	1731	1735	1743	rVB	334605	523302	56.23%	2.972%
63	13.480	1748	1750	1753	rVV3	27617	38809	4.17%	0.220%
64	13.522	1754	1757	1761	rVB2	67170	89551	9.62%	0.509%
65	13.998	1835	1838	1840	rBV2	38112	49199	5.29%	0.279%
66	14.051	1841	1847	1851	rVV2	211389	361496	38.84%	2.053%
67	14.092	1851	1854	1859	rVV2	101518	158562	17.04%	0.900%
68	14.163	1863	1866	1872	rVB3	83786	141108	15.16%	0.801%
69	14.221	1872	1876	1880	rBV5	37435	58625	6.30%	0.333%
70	14.310	1888	1891	1894	rBV4	31383	50322	5.41%	0.286%
71	14.404	1903	1907	1912	rBV4	68960	112746	12.12%	0.640%
72	14.469	1912	1918	1923	rVV2	461190	668282	71.81%	3.795%
73	14.539	1926	1930	1933	rVV4	70536	119885	12.88%	0.681%
74	14.580	1933	1937	1944	rVB2	215769	354167	38.06%	2.011%
75	14.904	1989	1992	1995	rBV3	45885	75375	8.10%	0.428%
76	15.086	2020	2023	2028	rVB2	84110	126646	13.61%	0.719%

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Sample : M1273-01
Misc :
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Instrument : BNA_M
ClientSampleId : WP-110

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.192	2038	2041	2045	rBV5	35970	56510	6.07%	0.321%
78	15.416	2075	2079	2084	rVB	384296	480310	51.61%	2.728%
79	15.821	2144	2148	2153	rVB	168717	256477	27.56%	1.457%
80	15.974	2170	2174	2179	rBV4	54963	107661	11.57%	0.611%
81	16.039	2181	2185	2186	rVV	74508	98413	10.58%	0.559%
82	16.068	2186	2190	2196	rVB	382420	543033	58.35%	3.084%
83	16.274	2221	2225	2228	rBV	398608	617962	66.40%	3.509%
84	17.062	2355	2359	2363	rBV	359174	417804	44.90%	2.373%
85	17.115	2364	2368	2372	rVB	177468	242362	26.04%	1.376%
86	17.315	2397	2402	2408	rBV	215714	349084	37.51%	1.982%
87	17.715	2467	2470	2477	rVV4	63114	93871	10.09%	0.533%
88	17.798	2480	2484	2489	rVB	342892	394797	42.42%	2.242%
89	18.204	2548	2553	2557	rBV	353043	479815	51.56%	2.725%
90	18.486	2597	2601	2606	rBV	276800	324124	34.83%	1.841%
91	19.115	2704	2708	2712	rVB	223145	247043	26.55%	1.403%
92	19.468	2764	2768	2777	rVB	234166	303686	32.63%	1.725%
93	19.686	2802	2805	2809	rVB	156418	169737	18.24%	0.964%
94	19.921	2840	2845	2849	rVB	747820	930619	100.00%	5.285%
95	20.215	2892	2895	2900	rVB	122107	138965	14.93%	0.789%
96	20.709	2975	2979	2988	rVB	78527	99775	10.72%	0.567%
97	21.162	3053	3056	3061	rBV	97714	108532	11.66%	0.616%
98	21.462	3102	3107	3115	rVB	265265	324798	34.90%	1.845%
99	22.297	3245	3249	3253	rVB	61800	74756	8.03%	0.425%
100	23.721	3486	3491	3500	rVB2	108679	209618	22.52%	1.190%

Sum of corrected areas: 17608302

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028624.D
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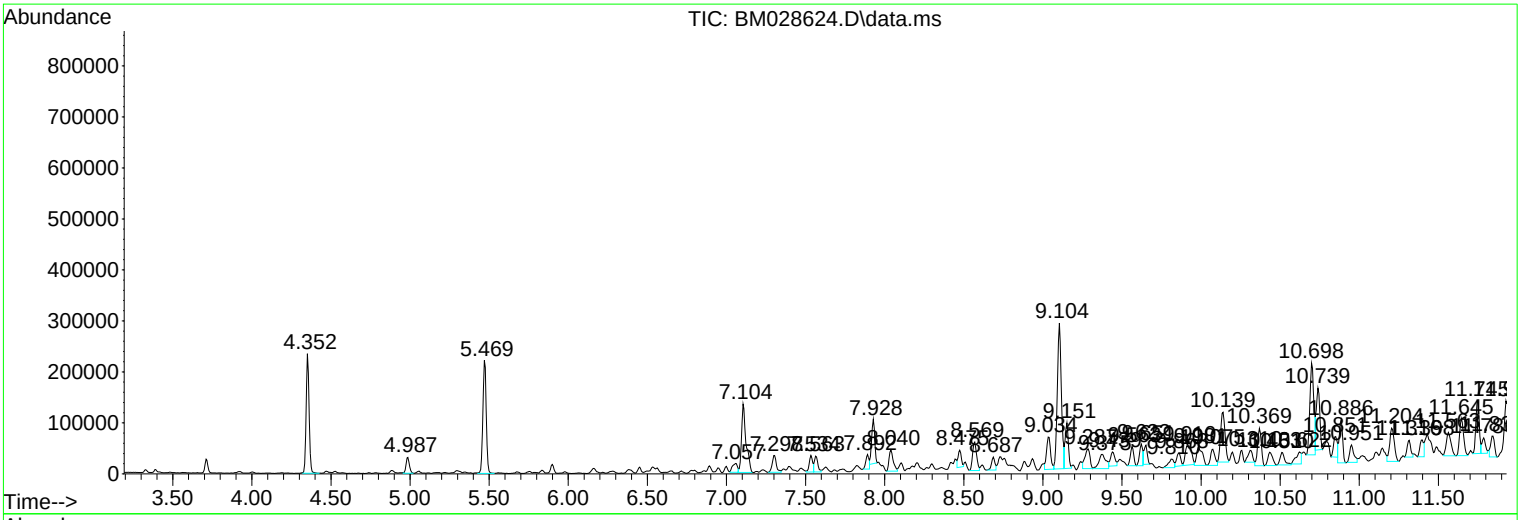
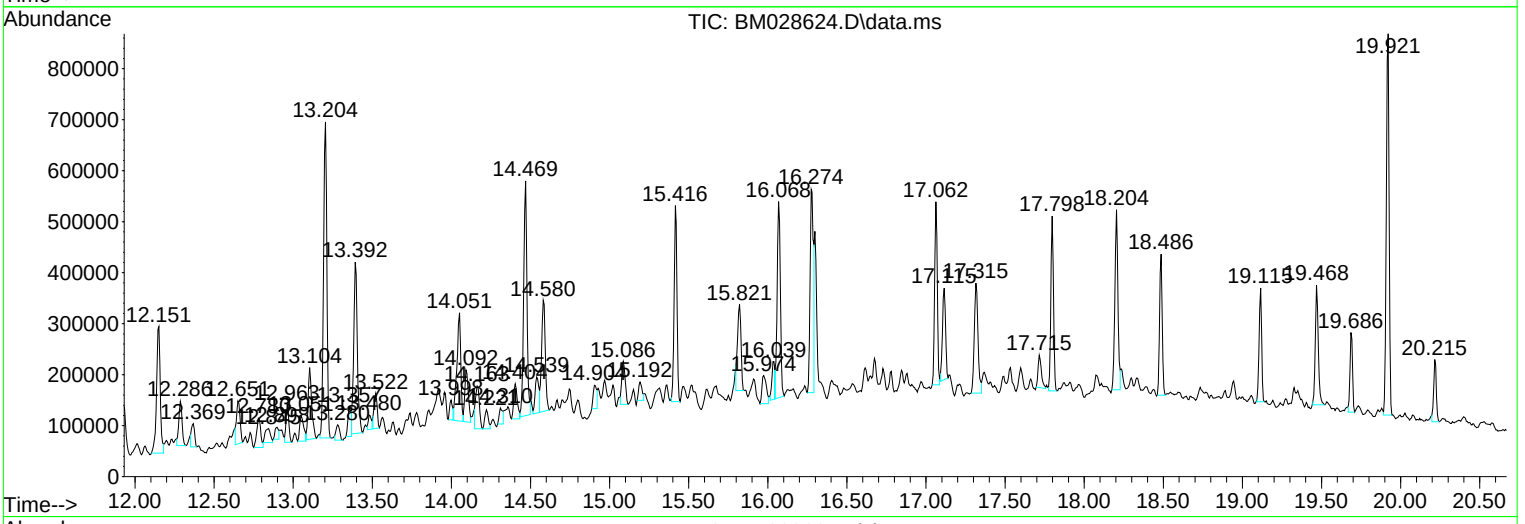
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

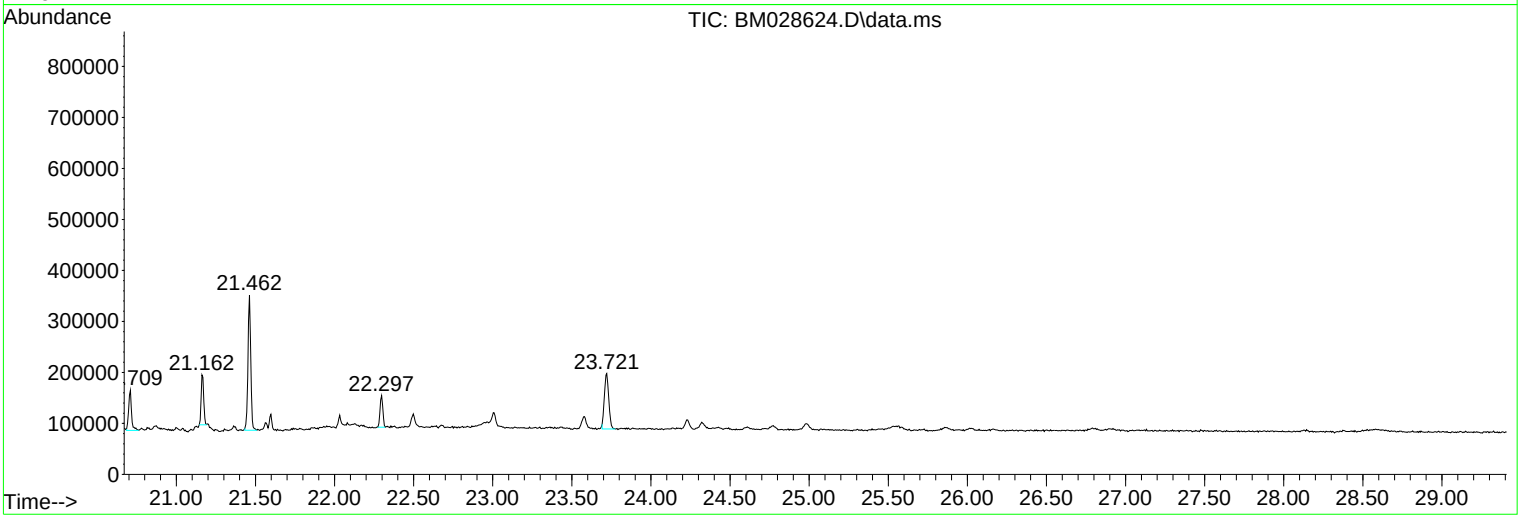
Instrument :
BNA_M
ClientSampleId :
WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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Instrument : BNA_M
ClientSampleId : WP-110

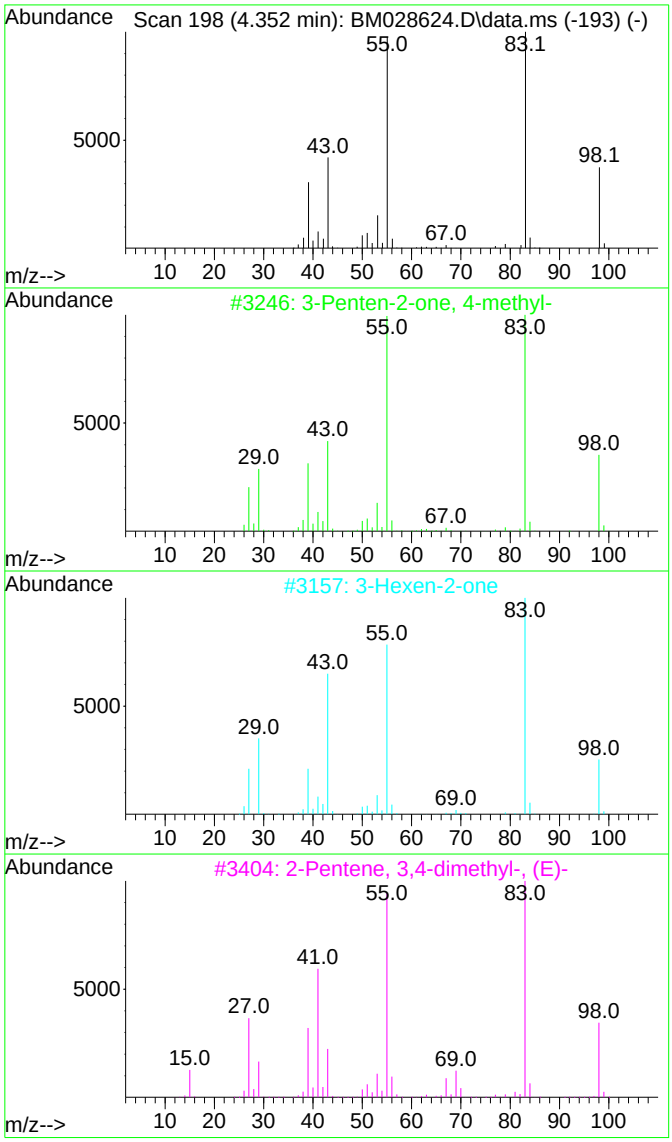
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

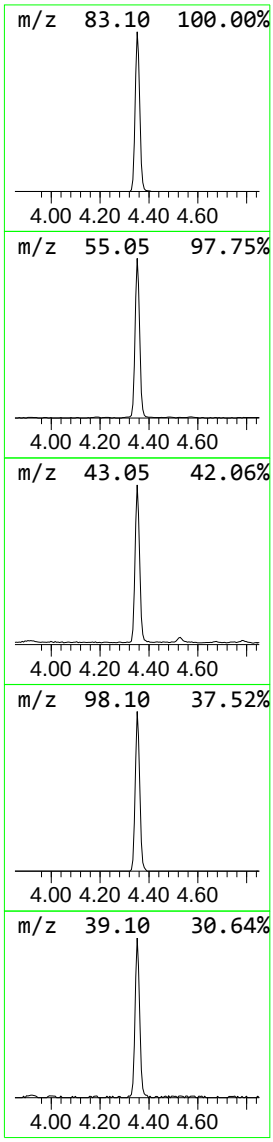
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.352	52.25 ng	305223	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





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Instrument : BNA_M
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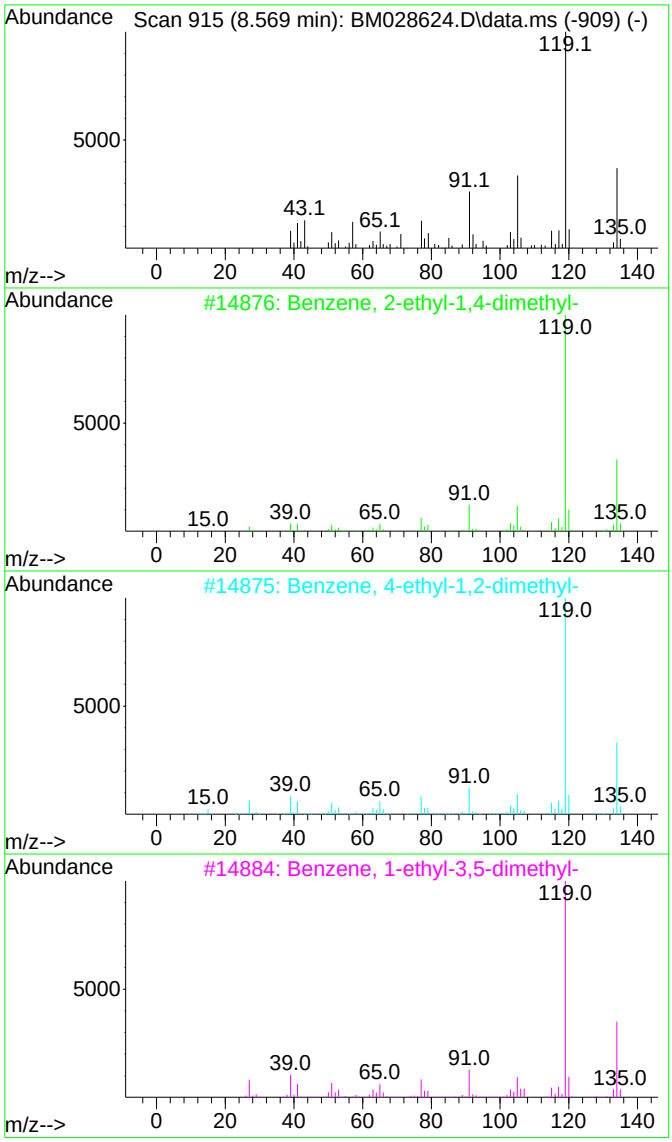
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

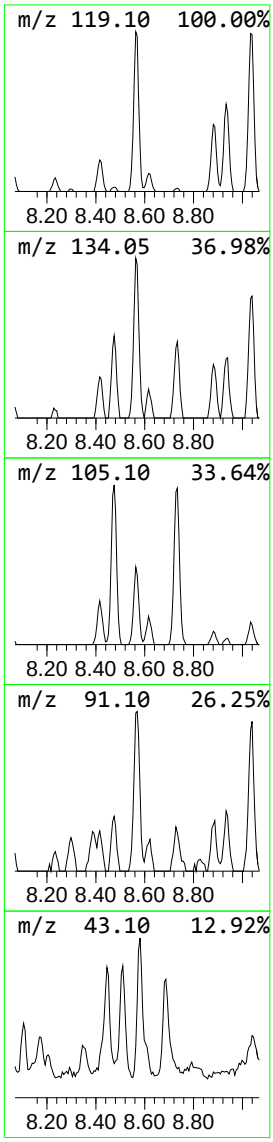
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	17.14 ng	100108	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
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TIC Library : C:\DATABASE\NIST11.L
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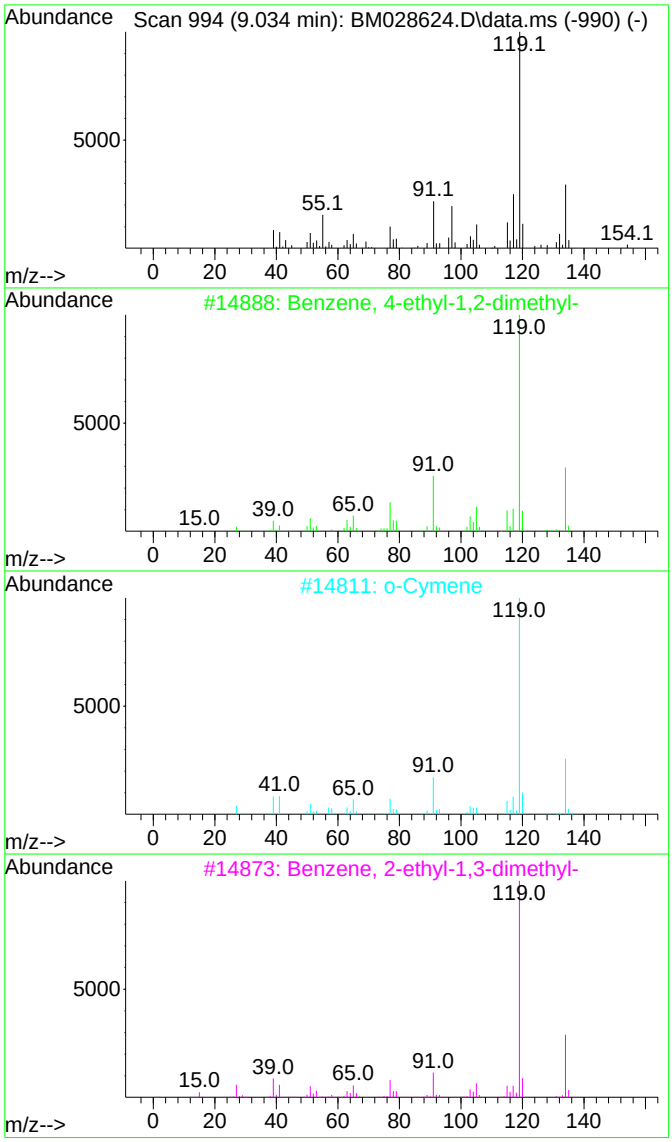
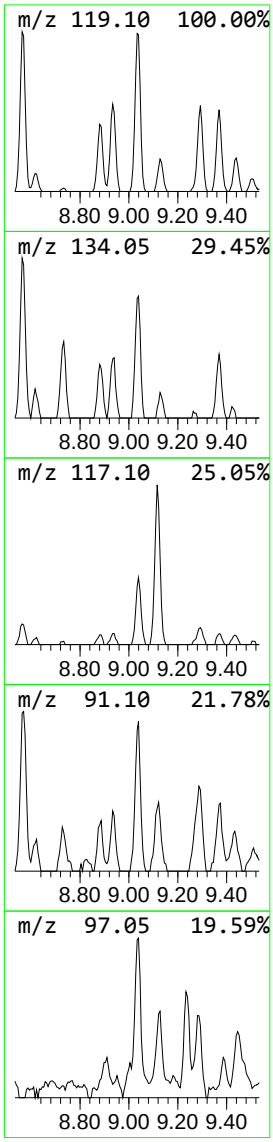
****
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.034	19.38 ng	113203	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	89
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89





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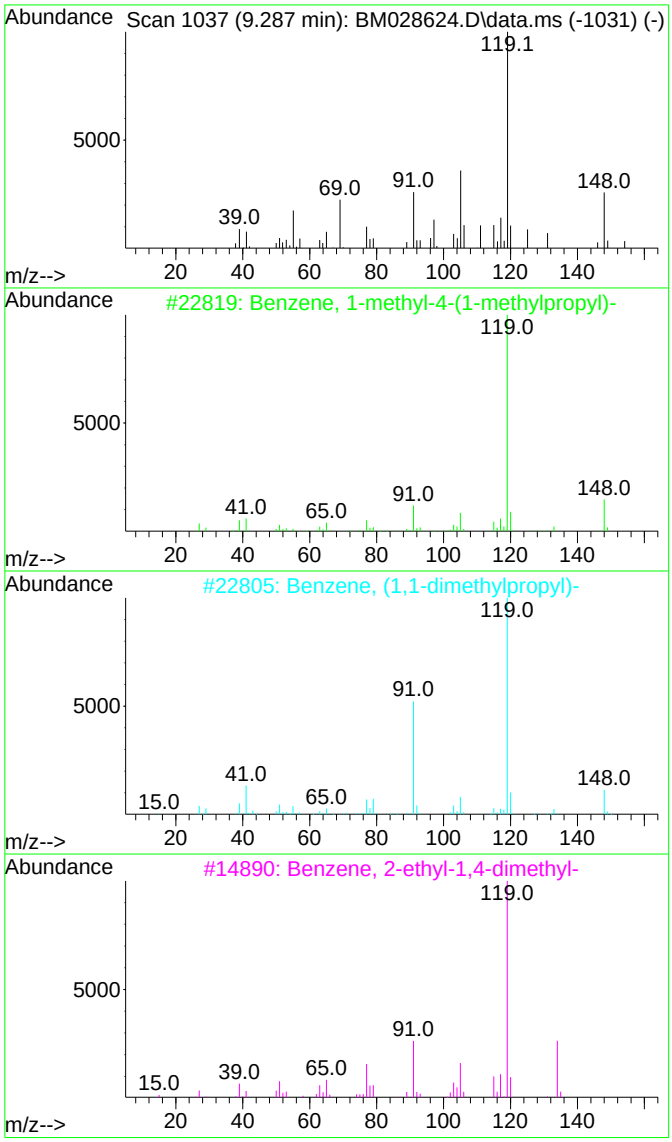
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

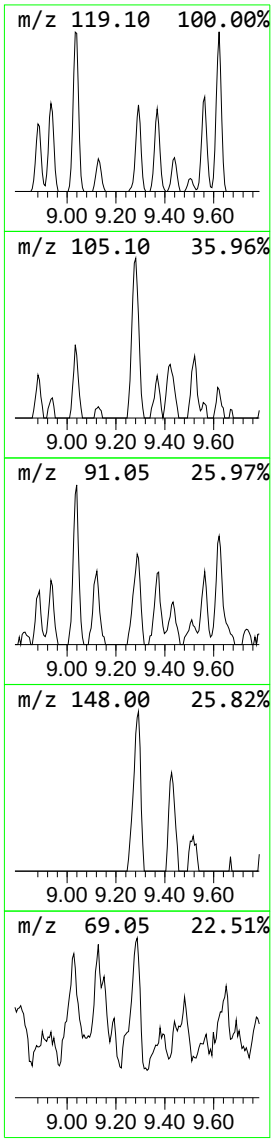
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	14.39 ng	84081	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47





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Data File : BM028624.D
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TIC Library : C:\DATABASE\NIST11.L
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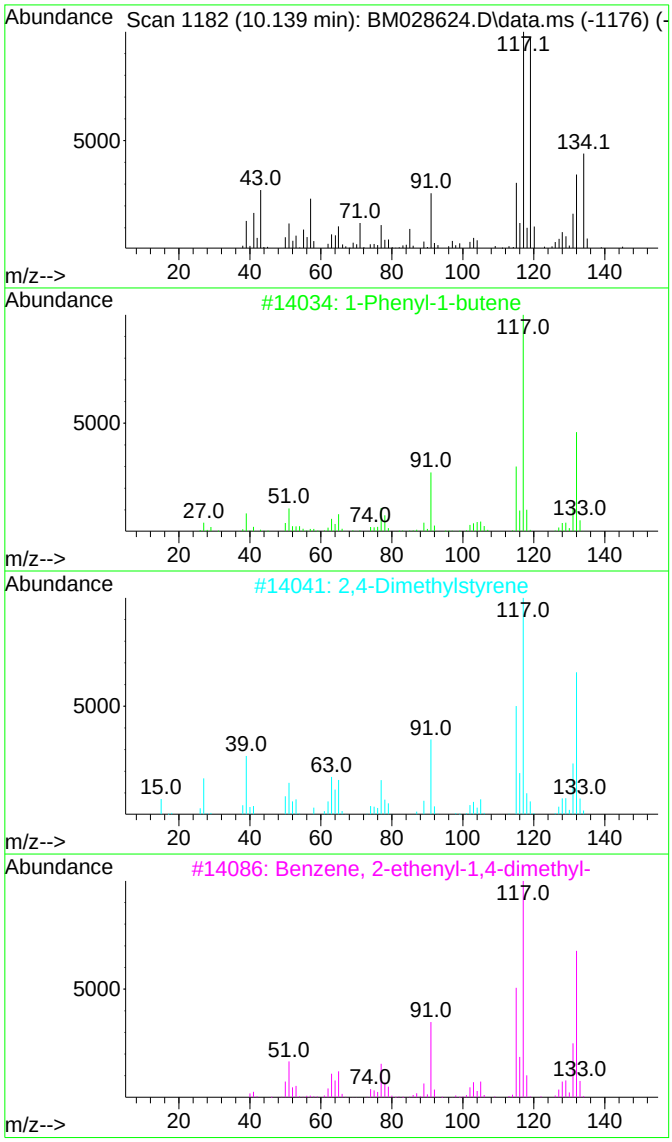
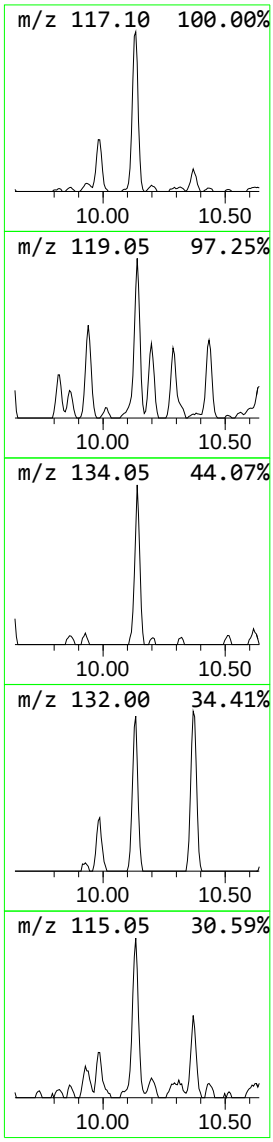
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	21.20 ng	191826	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	78
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





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Acq On : 02 Feb 2021 16:10
Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

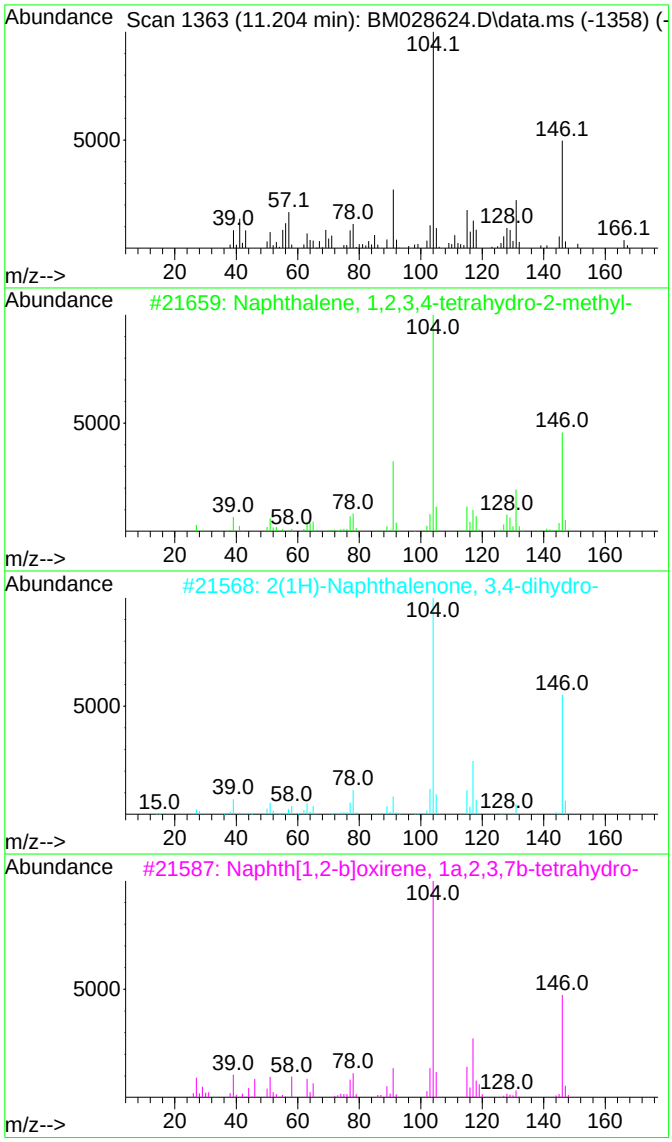
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

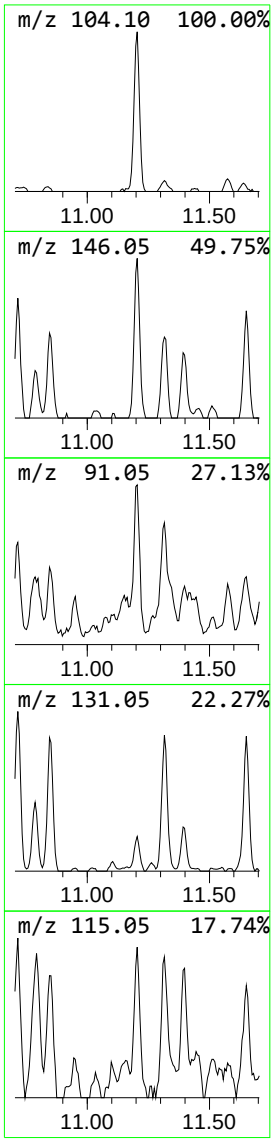
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	14.57 ng	131860	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
4	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	35





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Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

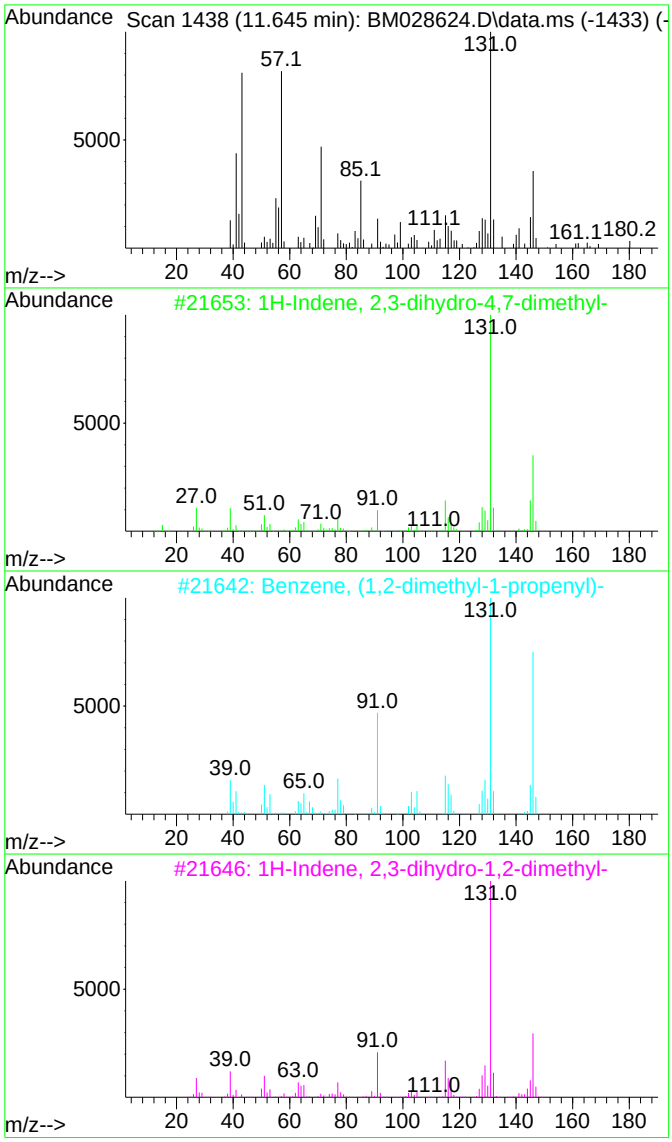
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

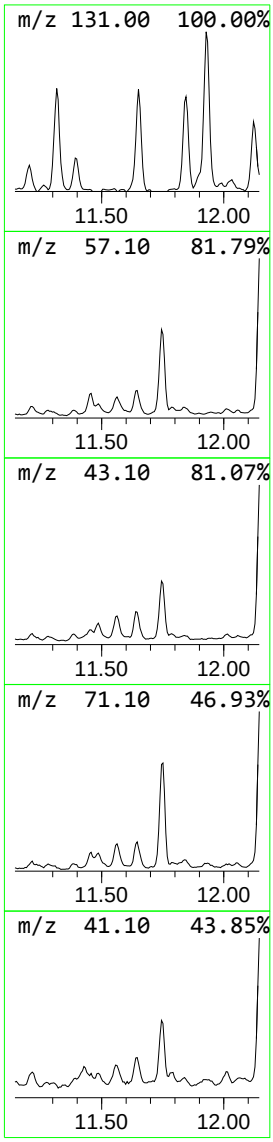
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	14.31 ng	129468	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





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Instrument : BNA_M
ClientSampleId : WP-110

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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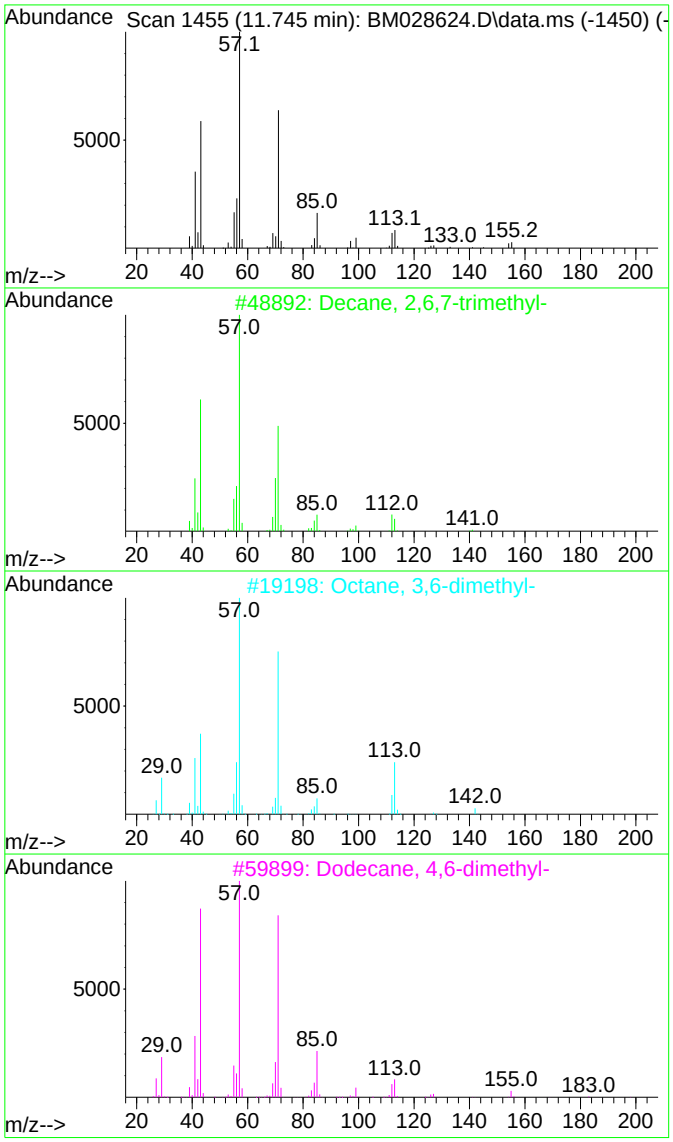
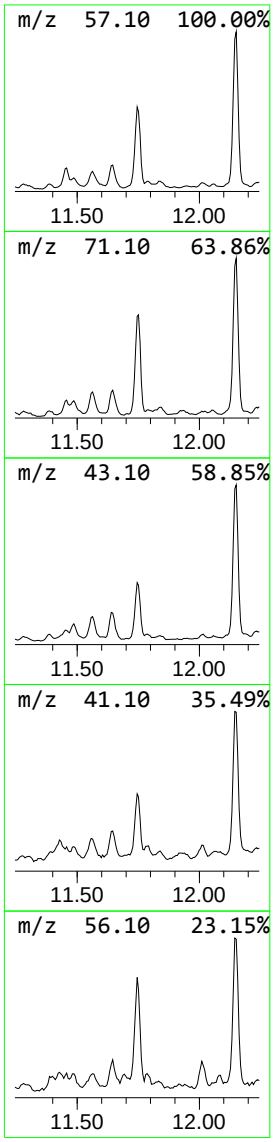
Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	17.50 ng	158374	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

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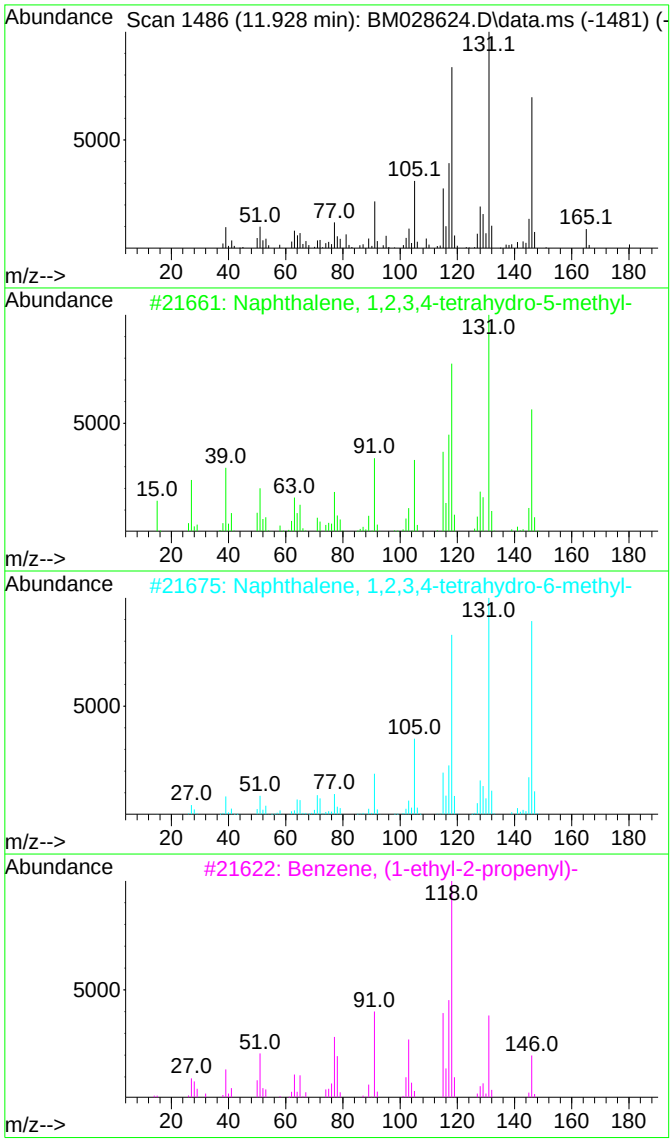
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

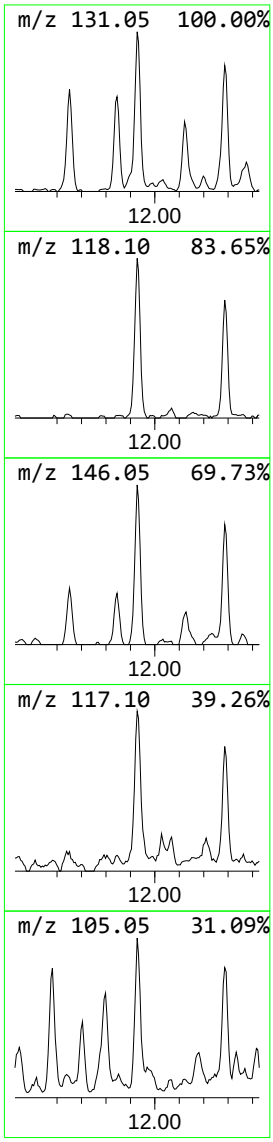
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	19.05 ng	172392	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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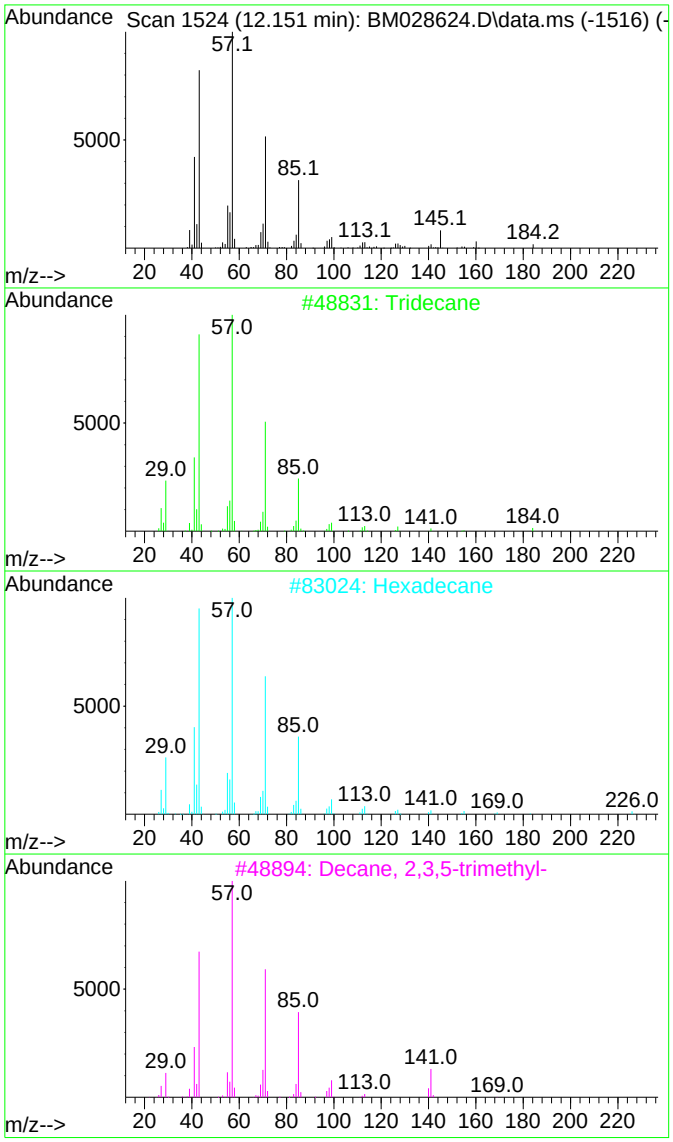
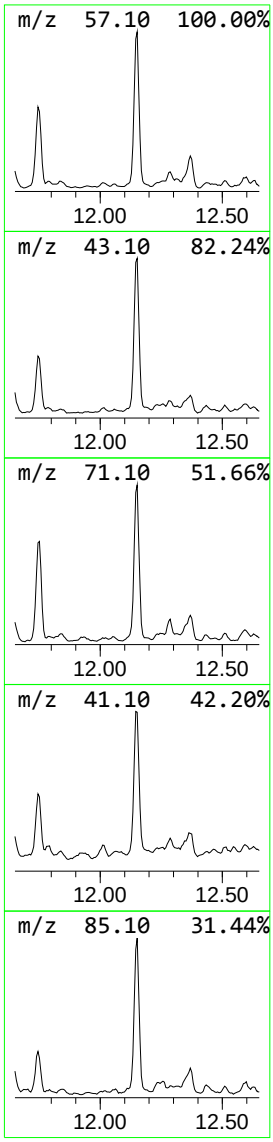
Peak Number 10 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	44.86 ng	405907	Naphthalene-d8	10.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane	156	C11H24	001120-21-4	72





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Misc :
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Instrument : BNA_M
ClientSampleId : WP-110

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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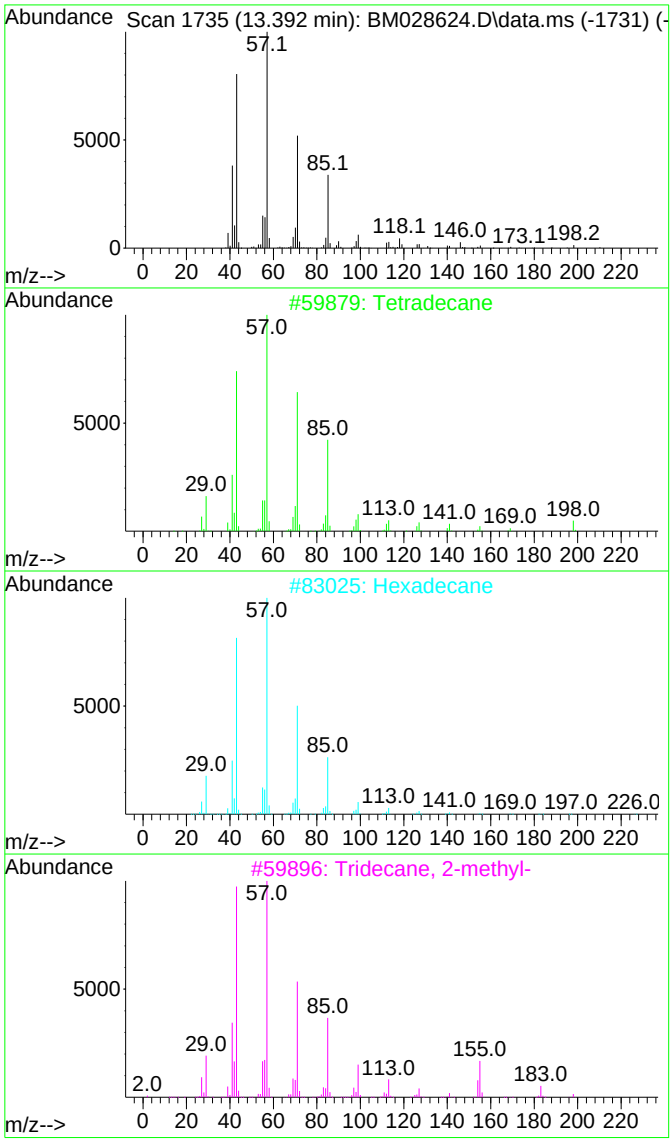
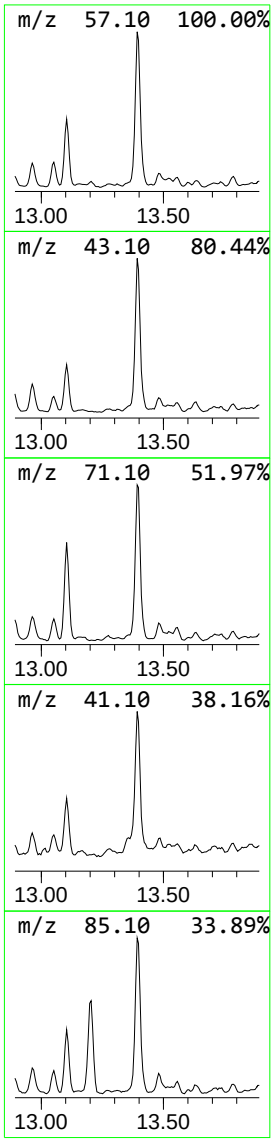
Peak Number 11 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	29.55 ng	523302	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Undecane	156	C11H24	001120-21-4	80





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Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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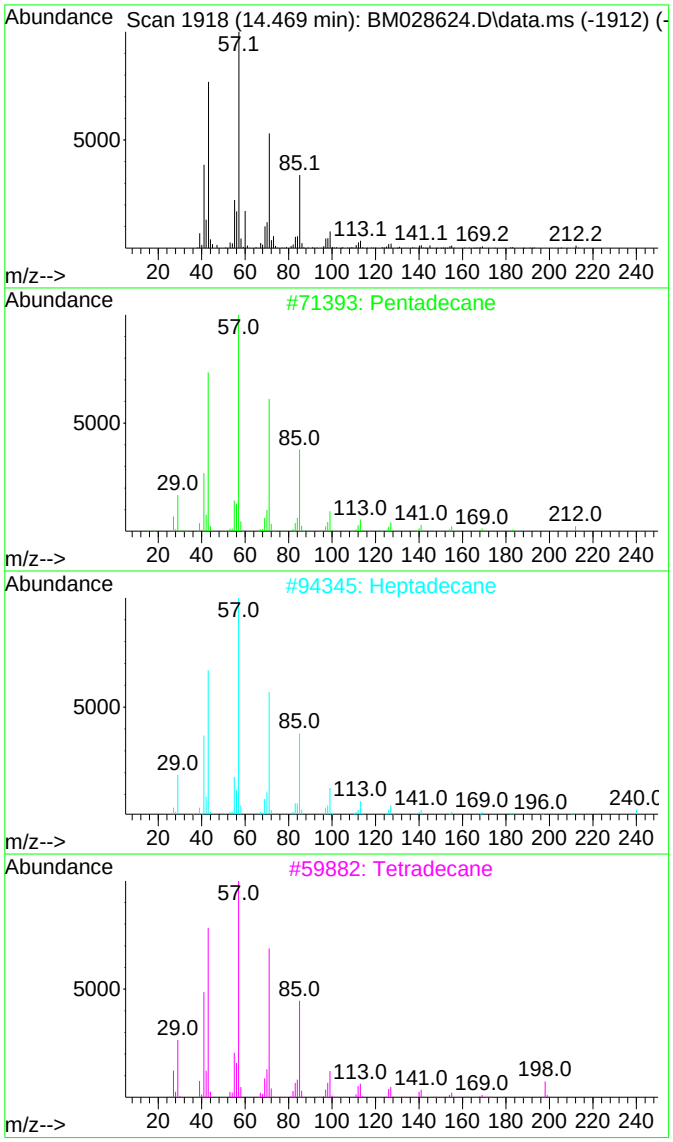
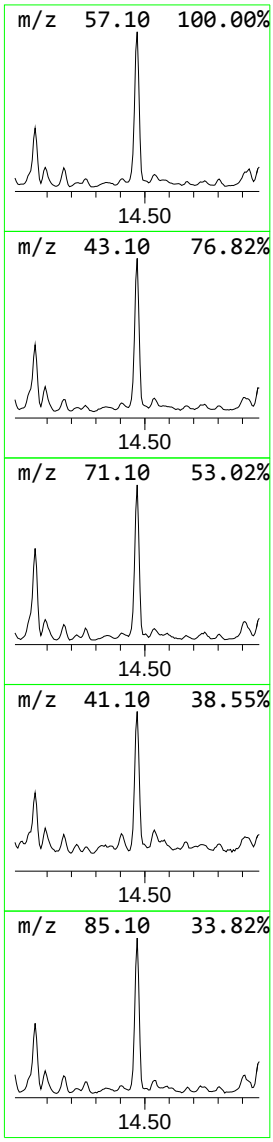
Peak Number 12 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	37.74 ng	668282	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Heptadecane	240	C17H36	000629-78-7	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	74
5	Tridecane	184	C13H28	000629-50-5	72





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Instrument : BNA_M
ClientSampleId : WP-110

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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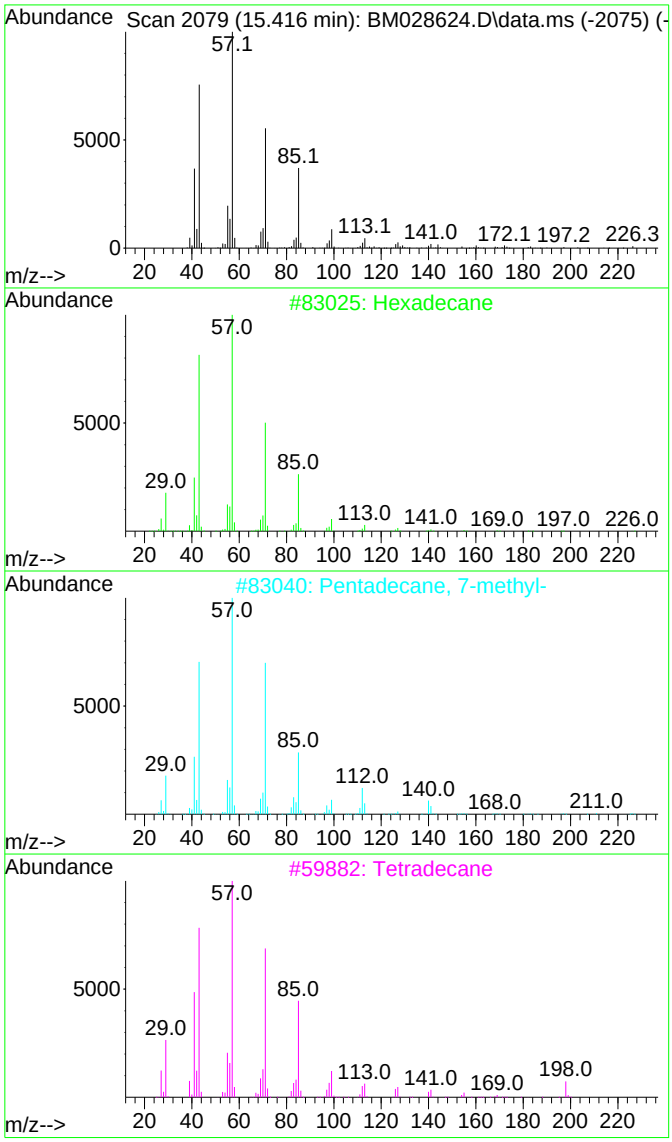
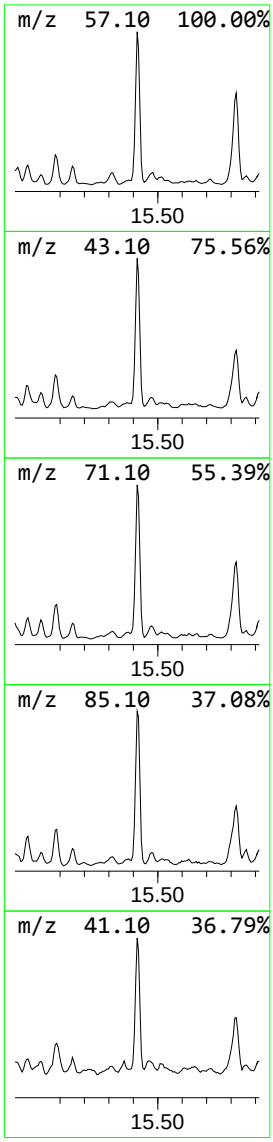
Peak Number 13 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	27.12 ng	480310	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane	184	C13H28	000629-50-5	90





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Instrument : BNA_M
ClientSampleId : WP-110

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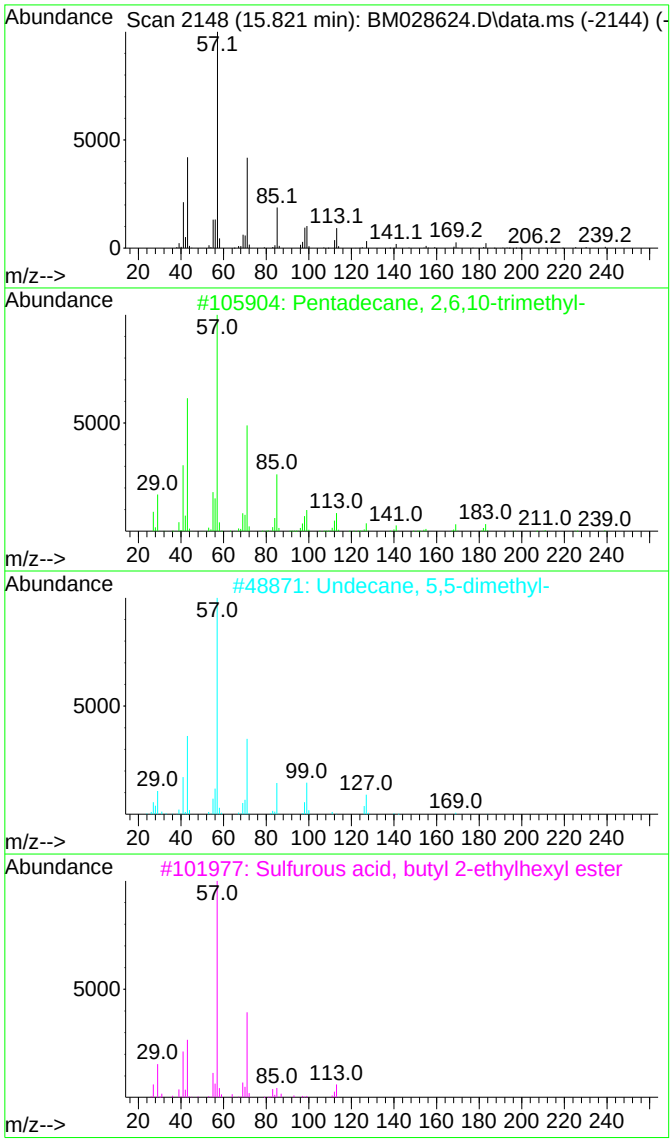
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

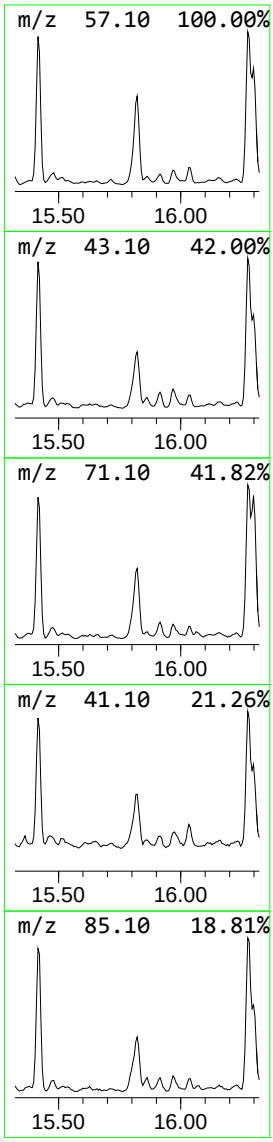
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	14.48 ng	256477	Acenaphthene-d10	14.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	53





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Instrument : BNA_M
ClientSampleId : WP-110

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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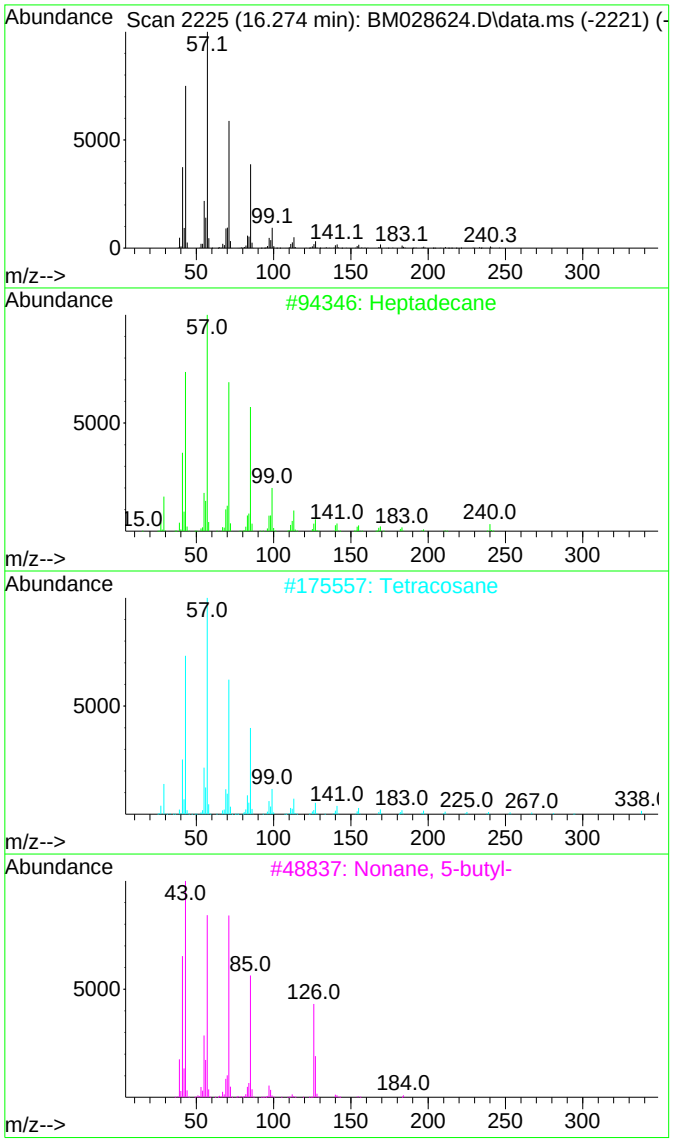
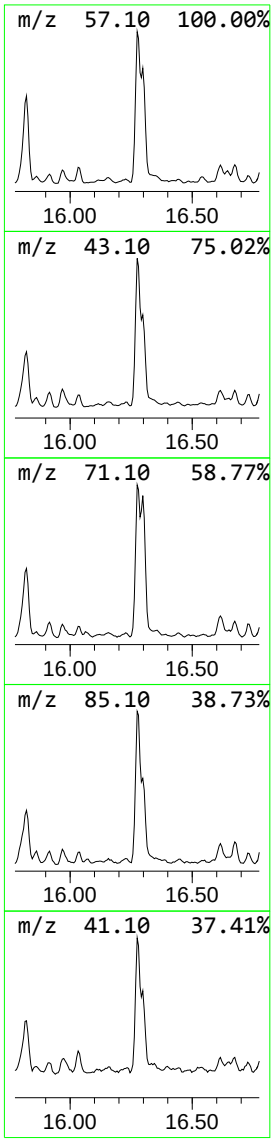
Peak Number 15 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.274	35.40 ng	617962	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	89
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tridecane	184	C13H28	000629-50-5	86





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ALS Vial : 5 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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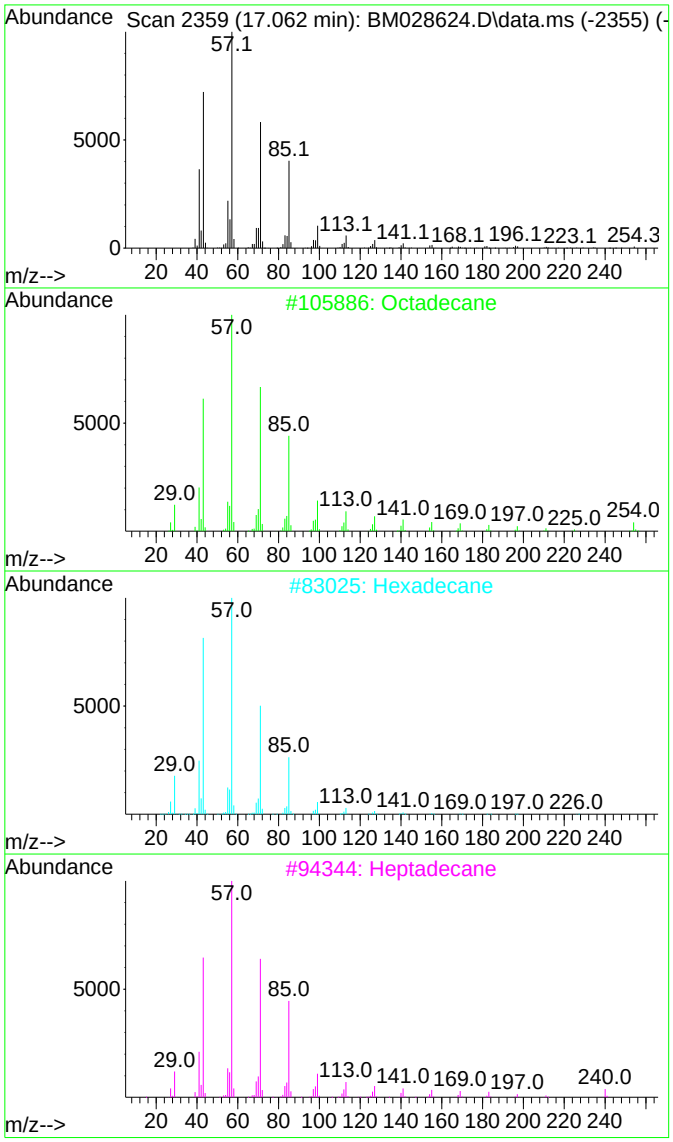
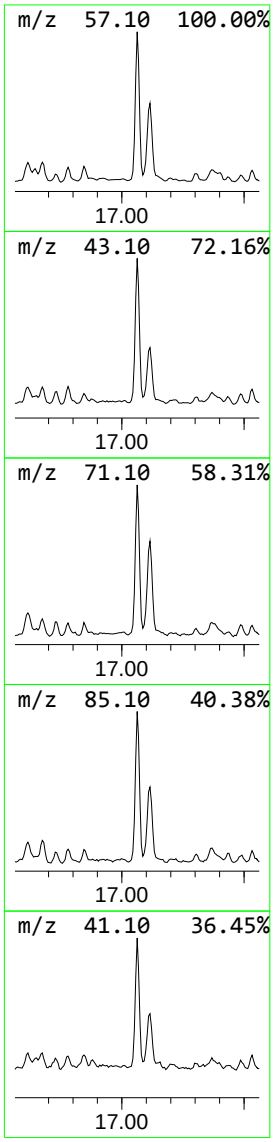
Peak Number 16 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	23.94 ng	417804	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane	184	C13H28	000629-50-5	90





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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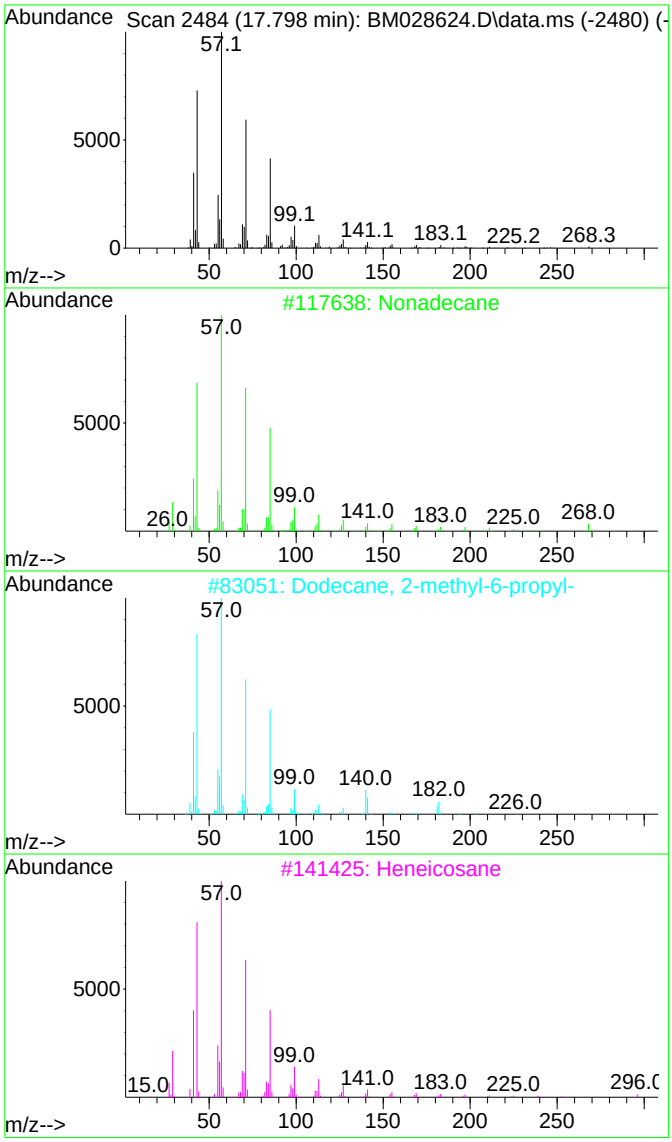
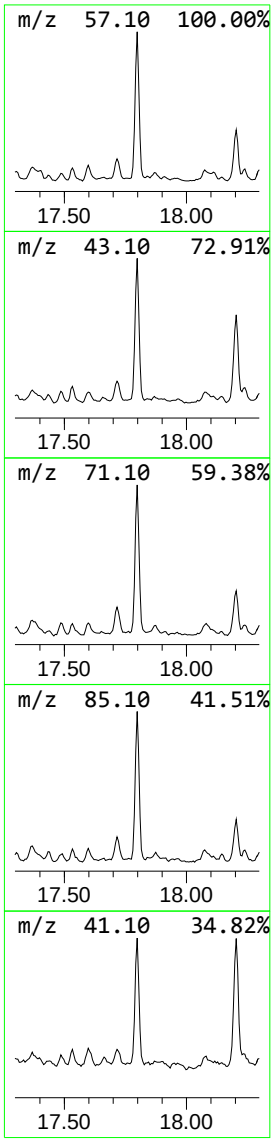
Peak Number 17 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	22.62 ng	394797	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octadecane	254	C18H38	000593-45-3	91





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Acq On : 02 Feb 2021 16:10
Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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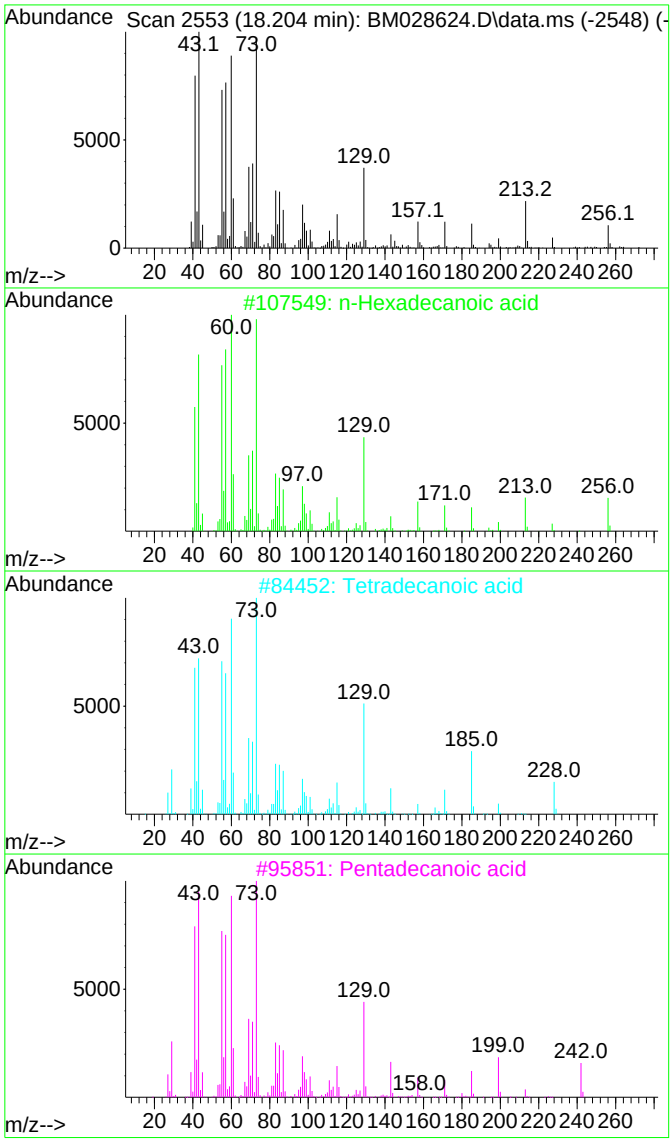
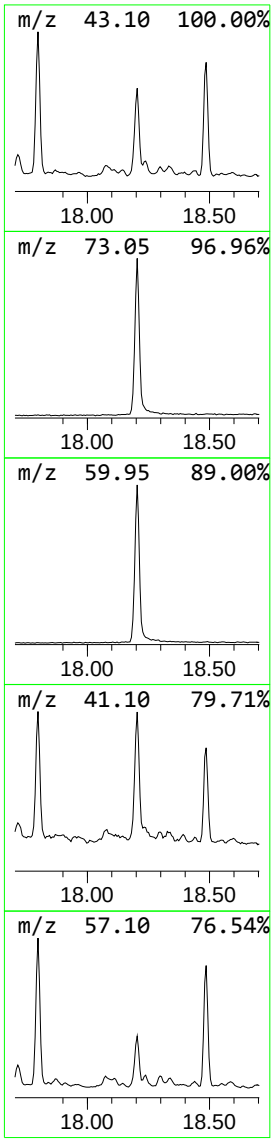
Peak Number 18 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	27.49 ng	479815	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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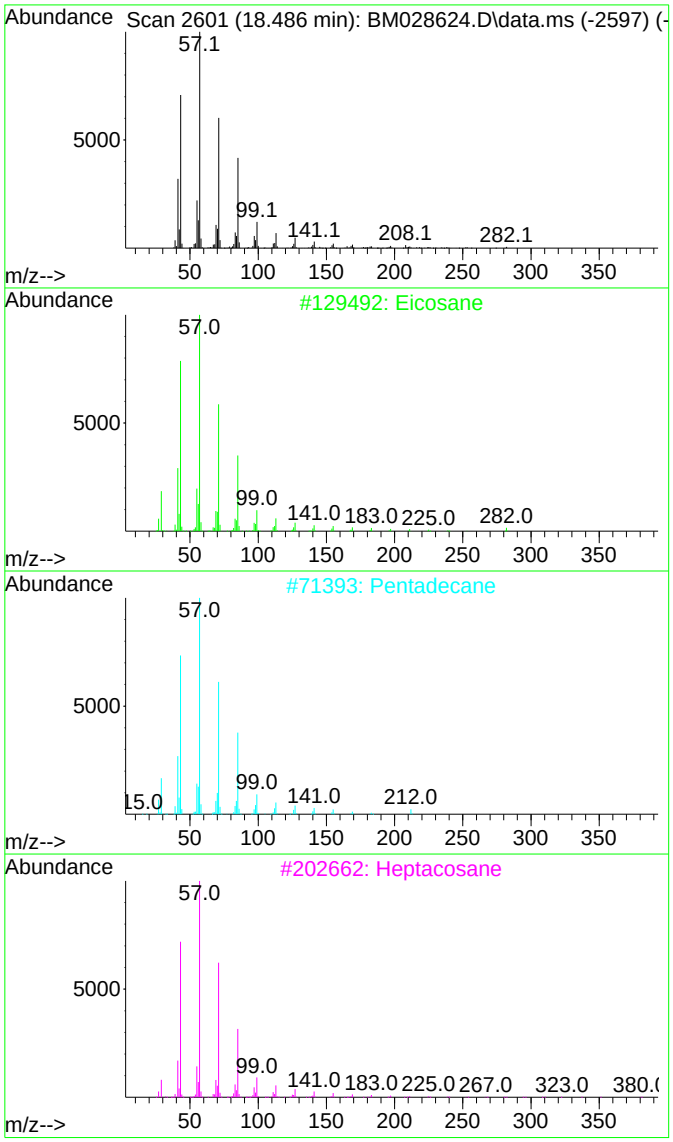
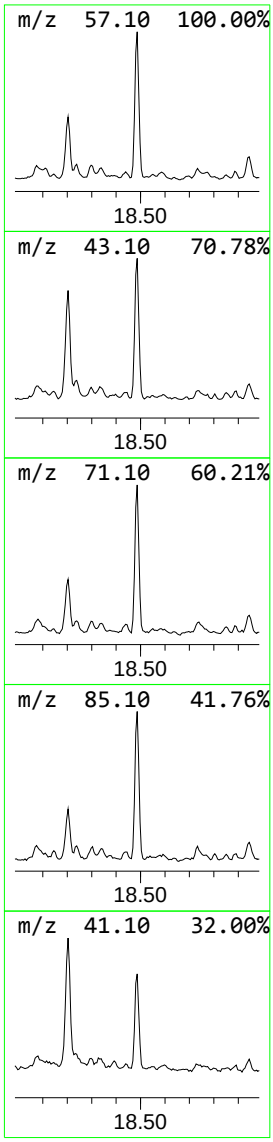
Peak Number 19 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	18.57 ng	324124	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BM028624.D
Acq On : 02 Feb 2021 16:10
Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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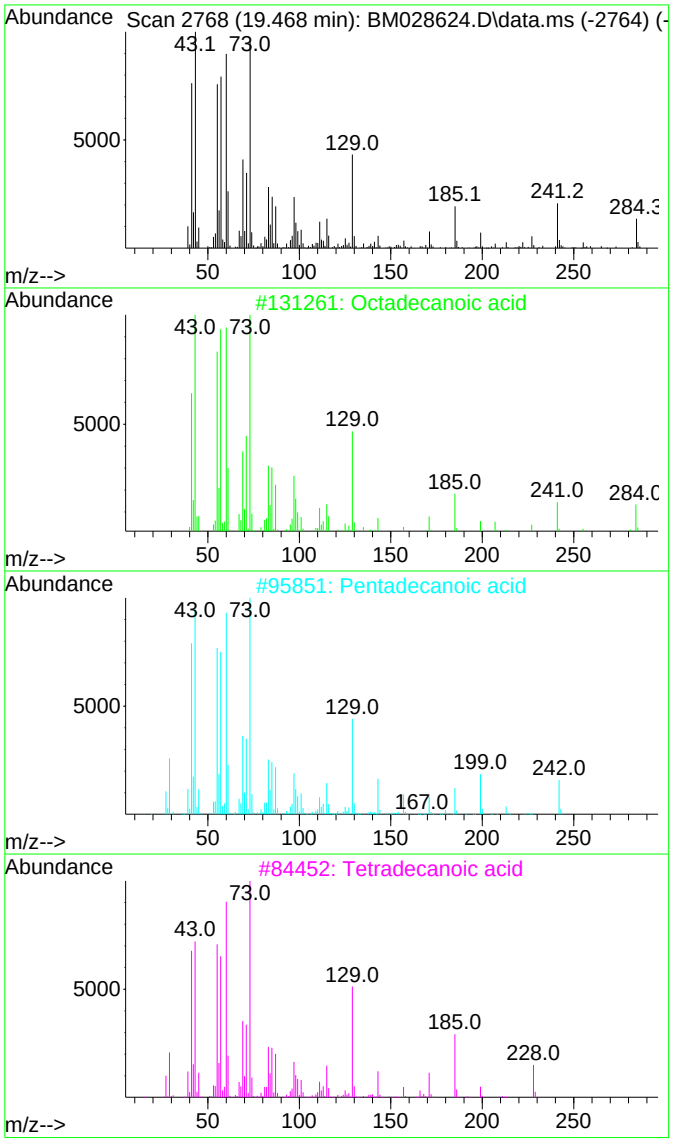
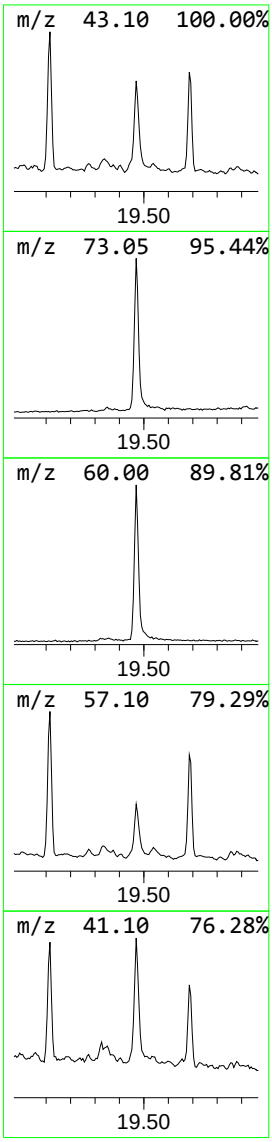
Peak Number 20 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	18.70 ng	303686	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028624.D
Acq On : 02 Feb 2021 16:10
Operator : CG/JU
Sample : M1273-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WP-110

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.352	52.3	ng	305223	1	7.928	116826	20.0
Benzene, 2-ethy...	8.569	17.1	ng	100108	1	7.928	116826	20.0
Benzene, 4-ethy...	9.034	19.4	ng	113203	1	7.928	116826	20.0
Benzene, 1-meth...	9.287	14.4	ng	84081	1	7.928	116826	20.0
1-Phenyl-1-butene	10.139	21.2	ng	191826	2	10.739	180949	20.0
Naphthalene, 1,...	11.204	14.6	ng	131860	2	10.739	180949	20.0
1H-Indene, 2,3-...	11.645	14.3	ng	129468	2	10.739	180949	20.0
Decane, 2,6,7-t...	11.745	17.5	ng	158374	2	10.739	180949	20.0
Naphthalene, 1,...	11.928	19.1	ng	172392	2	10.739	180949	20.0
Tridecane	12.151	44.9	ng	405907	2	10.739	180949	20.0
Tetradecane	13.392	29.6	ng	523302	3	14.580	354167	20.0
Pentadecane	14.469	37.7	ng	668282	3	14.580	354167	20.0
Hexadecane	15.416	27.1	ng	480310	3	14.580	354167	20.0
Pentadecane, 2,...	15.821	14.5	ng	256477	3	14.580	354167	20.0
Heptadecane	16.274	35.4	ng	617962	4	17.315	349084	20.0
Octadecane	17.063	23.9	ng	417804	4	17.315	349084	20.0
Nonadecane	17.798	22.6	ng	394797	4	17.315	349084	20.0
n-Hexadecanoic ...	18.204	27.5	ng	479815	4	17.315	349084	20.0
Eicosane	18.486	18.6	ng	324124	4	17.315	349084	20.0
Octadecanoic acid	19.468	18.7	ng	303686	5	21.462	324798	20.0