LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	319	326	336	rBV	231839	348187	5.35%	0.416%
2	5.369	397	405	417	rBV	985279	1475591	22.66%	1.763%
3	6.957	667	675	682	rBV	1065846	1698811	26.09%	2.029%
4	7.422	749	754	762	rBV2	386859	645037	9.91%	0.771%
5	7.787	809	816	822	rBV	1447415	2250867	34.57%	2.689%
6	8.081	858	866	873	rVV3	92519	204282	3.14%	0.244%
7	8.328	897	908	915	rBV4	139527	363665	5.59%	0.434%
8	8.434	922	926	928	rVV	103705	151490	2.33%	0.181%
9	8.563	942	948	951	rBV	127938	195509	3.00%	0.234%
10	8.898	996	1005	1008	rBV2	162347	332218	5.10%	0.397%
11	8.940	1008	1012	1018	rVV	574101	927546	14.25%	1.108%
12	9.028	1018	1027	1031	rVB	626203	987160	15.16%	1.179%
13	9.151	1044	1048	1054	rVB2	127359	251631	3.86%	0.301%
14	9.510	1106	1109	1115	rVB2	140302	223929	3.44%	0.268%
15	9.681	1129	1138	1141	rBV3	67620	148028	2.27%	0.177%
16	9.722	1141	1145	1149	rVV3	115044	170940	2.63%	0.204%
17	9.775	1149	1154	1161	rVV5	122196	245663	3.77%	0.293%
18	9.875	1161	1171	1175	rVB4	124436	304870	4.68%	0.364%
19	9.945	1177	1183	1186	rBV3	145709	233481	3.59%	0.279%
20	9.986	1186	1190	1193	rBV3	91992	141715	2.18%	0.169%
21	10.122	1209	1213	1218	rBV3	100404	173749	2.67%	0.208%
22	10.216	1226	1229	1237	rVB	121314	201705	3.10%	0.241%
23	10.581	1281	1291	1297	rBV2	1963542	3925234	60.28%	4.689%
24	10.757	1317	1321	1326	rVB	226064	326388	5.01%	0.390%
25	10.816	1326	1331	1339	rBV6	80777	185341	2.85%	0.221%
26	10.998	1354	1362	1366	rBV5	72787	165466	2.54%	0.198%
27	11.292	1408	1412	1416	rVV5	160084	322084	4.95%	0.385%
28	11.357	1420	1423	1429	rVB2	115890	204743	3.14%	0.245%
29	11.433	1430	1436	1441	rVB3	198613	325880	5.00%	0.389%
30	11.510	1442	1449	1455	rBV4	228482	473913	7.28%	0.566%
31	11.622	1462	1468	1477	rBV3	301977	662967	10.18%	0.792%
32	11.692	1477	1480	1487	rVB2	84920	160397	2.46%	0.192%
33	11.780	1489	1495	1503	rVV2	291105	503027	7.73%	0.601%
34	12.016	1530	1535	1546	rBV	874262	1393525	21.40%	1.665%
35	12.139	1551	1556	1563	rVV2	169588	399964	6.14%	0.478%
36	12.239	1567	1573	1580	rVB6	176401	441101	6.77%	0.527%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.463	1607	1611	1614	rVV5	93014	160822	2.47%	0.192%
38	12.504	1614	1618	1623	rVV2	357165	570977	8.77%	0.682%
39	12.651	1640	1643	1647	rVB3	137719	193333	2.97%	0.231%
40	12.698	1647	1651	1658	rVB5	128730	259195	3.98%	0.310%
41	12.763	1658	1662	1665	rBV3	163077	227957	3.50%	0.272%
42	12.833	1672	1674	1679	rVB2	163561	213340	3.28%	0.255%
43	12.922	1684	1689	1694	rBV4	221259	396576	6.09%	0.474%
44	12.980	1694	1699	1703	rVB3	399252	535379	8.22%	0.640%
45	13.051	1705	1711	1721	rVB	1524982	2247448	34.52%	2.685%
46	13.222	1732	1740	1742	rBV7	91191	202308	3.11%	0.242%
47	13.263	1742	1747	1755	rVB	1218006	1737185	26.68%	2.075%
48	13.375	1760	1766	1771	rVV3	248071	551281	8.47%	0.659%
49	13.427	1771	1775	1779	rVB2	164920	222532	3.42%	0.266%
50	13.592	1798	1803	1810	rBV5	123219	268923	4.13%	0.321%
51	13.710	1819	1823	1826	rBV5	132877	232870	3.58%	0.278%
52	13.798	1833	1838	1842	rVB3	186970	315201	4.84%	0.377%
53	13.898	1851	1855	1857	rBV3	201642	301745	4.63%	0.360%
54	13.927	1857	1860	1863	rVV	407649	554761	8.52%	0.663%
55	13.963	1863	1866	1872	rVB2	235618	330299	5.07%	0.395%
56	14.045	1877	1880	1883	rVB	147382	179488	2.76%	0.214%
57	14.151	1893	1898	1904	rBV	199121	346882	5.33%	0.414%
58	14.339	1925	1930	1935	rBV	1599676	2014430	30.94%	2.407%
59	14.427	1938	1945	1952	rVV	2504155	3979813	61.12%	4.754%
60	14.804	2002	2009	2012	rBV6	138818	329619	5.06%	0.394%
61	14.839	2012	2015	2021	rVB4	209809	325713	5.00%	0.389%
62	14.898	2021	2025	2029	rBV2	149883	221673	3.40%	0.265%
63	14.963	2032	2036	2043	rVB4	329787	562337	8.64%	0.672%
64	15.027	2043	2047	2050	rBV	149629	227419	3.49%	0.272%
65	15.292	2087	2092	2096	rVB	1694170	1998311	30.69%	2.387%
66	15.392	2106	2109	2118	rVB6	122832	224796	3.45%	0.269%
67	15.474	2119	2123	2127	rBV3	137242	199474	3.06%	0.238%
68	15.598	2141	2144	2149	rVB5	114717	167488	2.57%	0.200%
69	15.698	2154	2161	2166	rVV	564615	958003	14.71%	1.144%
70	15.786	2172	2176	2182	rVB2	380458	583284	8.96%	0.697%
71	15.845	2183	2186	2192	rBV3	170690	301187	4.63%	0.360%
72	15.916	2193	2198	2207	rVB2	1315254	1888195	29.00%	2.256%
73	16.151	2233	2238	2241	rBV	1834905	2369821	36.40%	2.831%
74	16.610	2313	2316	2322	rBV4	102948	157448	2.42%	0.188%
75	16.727	2333	2336	2338	rVV2	124877	158213	2.43%	0.189%
76	16.751	2338	2340	2344	rVB2	123487	142851	2.19%	0.171%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.945	2368	2373	2377	rBV	1451600	1769316	27.17%	2.114%
78	16.998	2377	2382	2391	rVB2	546161	955708	14.68%	1.142%
79	17.174	2406	2412	2416	rBV2	2837835	4090049	62.81%	4.886%
80	17.215	2416	2419	2423	rVB	620311	792768	12.18%	0.947%
81	17.304	2430	2434	2440	rVB	298887	461180	7.08%	0.551%
82	17.480	2461	2464	2471	rVB3	130936	190366	2.92%	0.227%
83	17.604	2482	2485	2490	rVB3	129555	187773	2.88%	0.224%
84	17.680	2494	2498	2504	rVB	1300204	1532055	23.53%	1.830%
85	18.045	2557	2560	2562	rBV	145937	190824	2.93%	0.228%
86	18.239	2588	2593	2597	rBV2	302890	594688	9.13%	0.710%
87	18.274	2597	2599	2606	rVB	230777	308790	4.74%	0.369%
88	18.374	2611	2616	2621	rBV	1038023	1272048	19.54%	1.520%
89	18.839	2692	2695	2699	rBV2	145082	187523	2.88%	0.224%
90	18.968	2713	2717	2720	rBV	222015	307351	4.72%	0.367%
91	19.004	2720	2723	2730	rVB2	779096	997377	15.32%	1.192%
92	19.227	2757	2761	2766	rBV	1928824	2368869	36.38%	2.830%
93	19.586	2814	2822	2832	rBV	2288246	3690875	56.68%	4.409%
94	19.792	2853	2857	2861	rVB	2226548	2577254	39.58%	3.079%
95	20.115	2910	2912	2916	rVB	358325	370832	5.70%	0.443%
96	20.609	2994	2996	2999	rBV	261290	255417	3.92%	0.305%
97	21.092	3076	3078	3085	rVB2	411885	469558	7.21%	0.561%
98	21.403	3124	3131	3136	rBV2	3500870	6511378	100.00%	7.779%
99	21.450	3136	3139	3148	rVB	1030615	1591532	24.44%	1.901%
100	24.415	3636	3643	3650	rBV	1706906	4008182	61.56%	4.788%

Sum of corrected areas: 83706394

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
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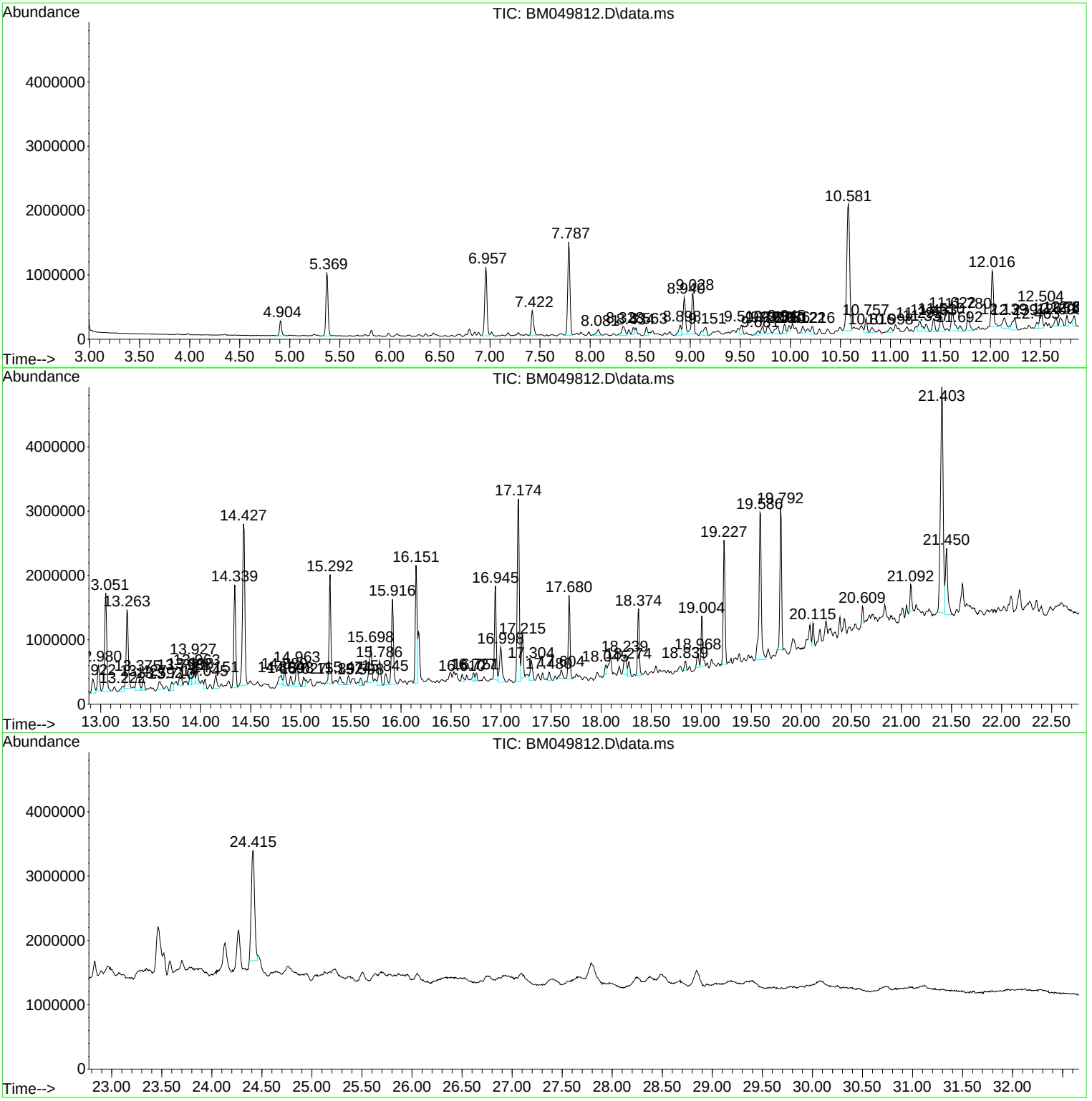
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

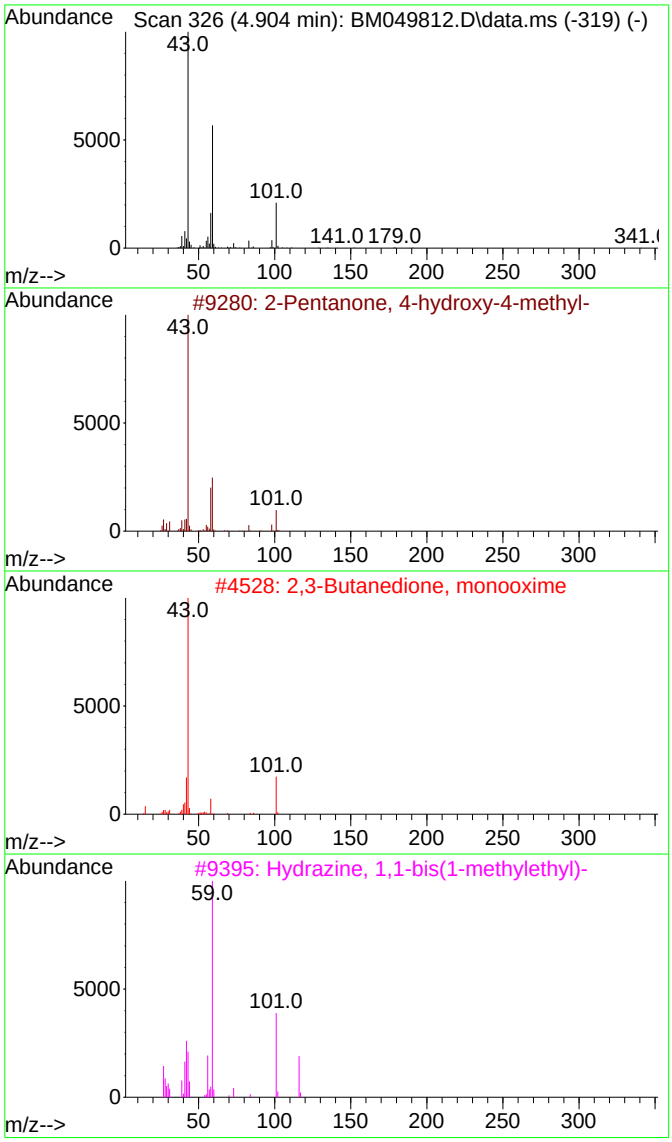
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

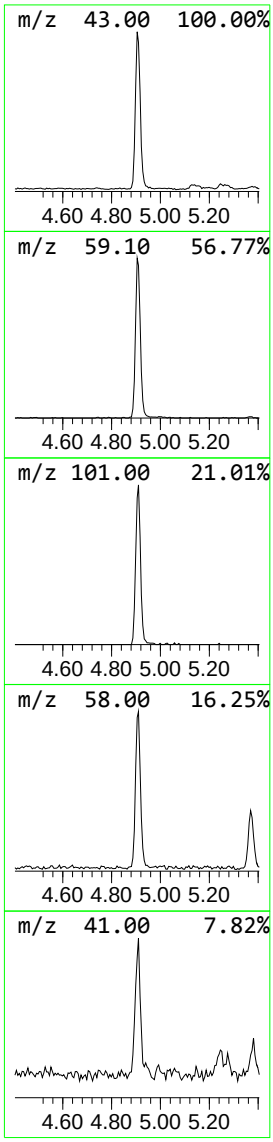
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	3.09 ng	348187	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

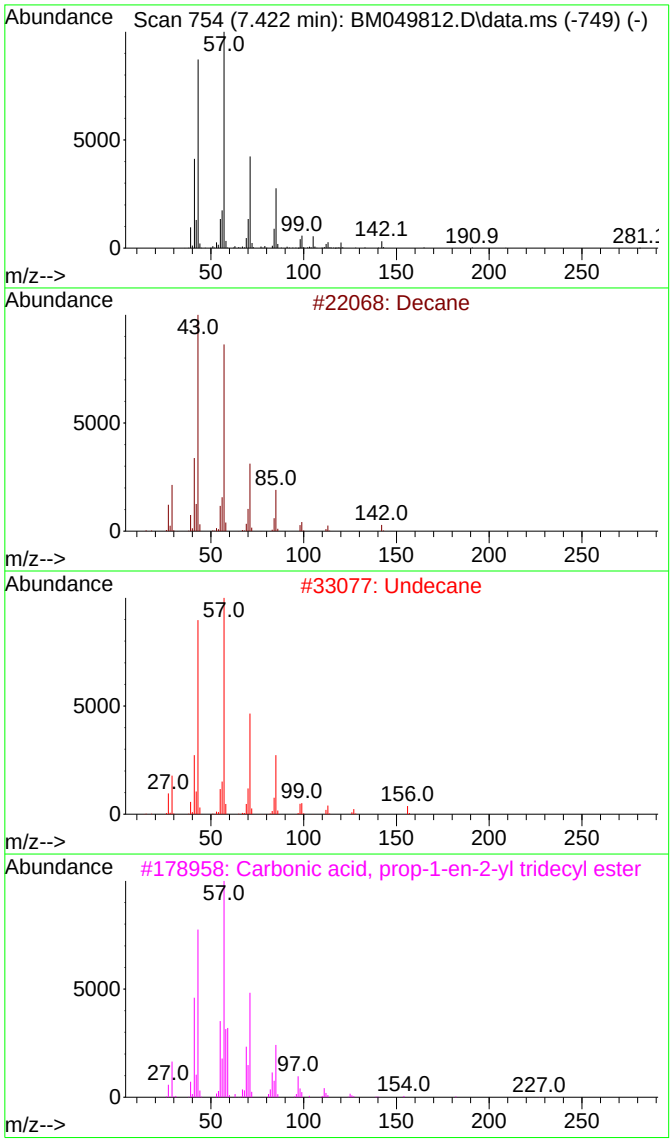
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

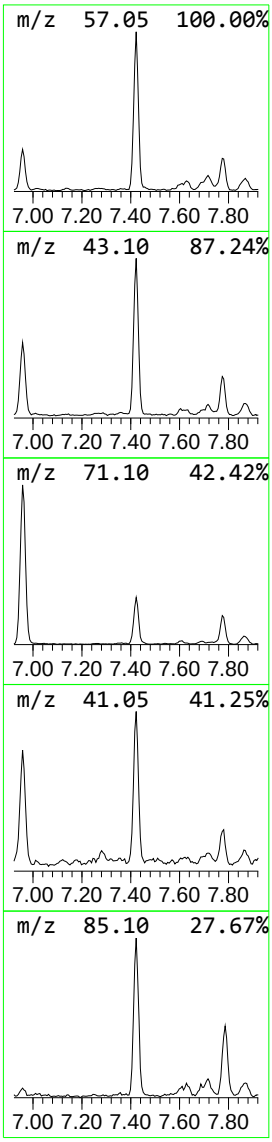
****

Peak Number 2 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	5.73 ng	645037	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	83
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

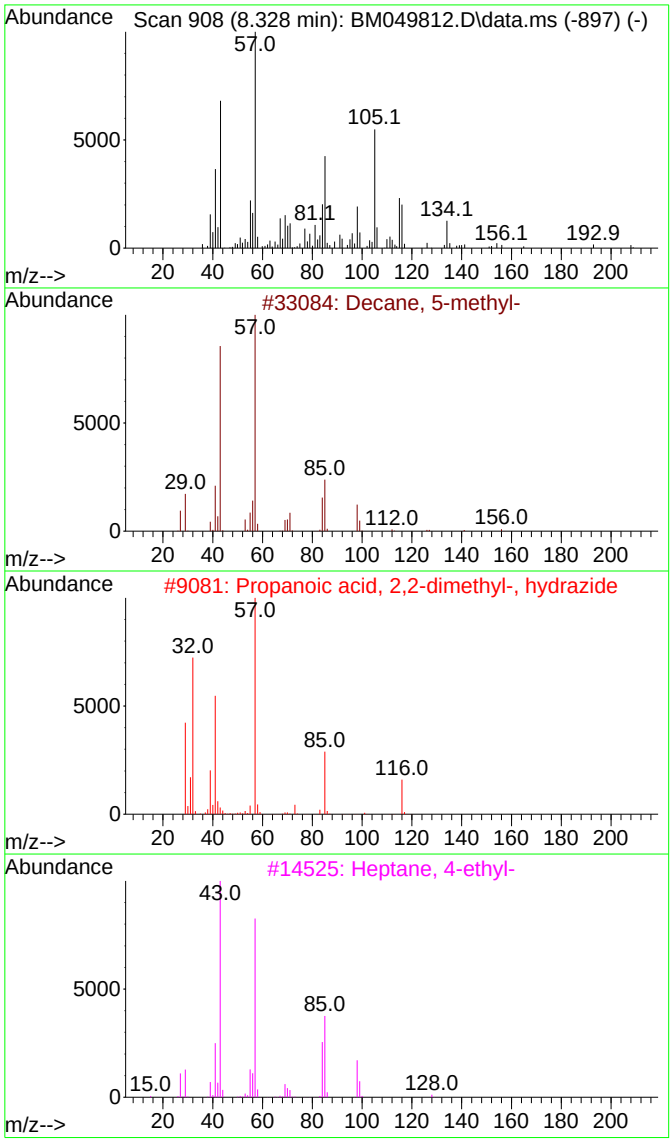
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

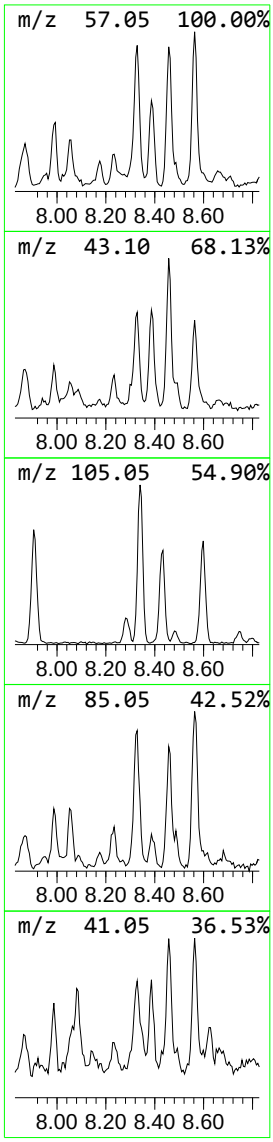
****

Peak Number 3 unknown8.328 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	3.23 ng	363665	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	43
2	Propanoic acid, 2,2-dimethyl-, h...	116	C5H12N2O	042826-42-6	35
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	35
4	Malonic acid, 3-methylpentyl pen...	258	C14H26O4	1000348-67-4	27
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

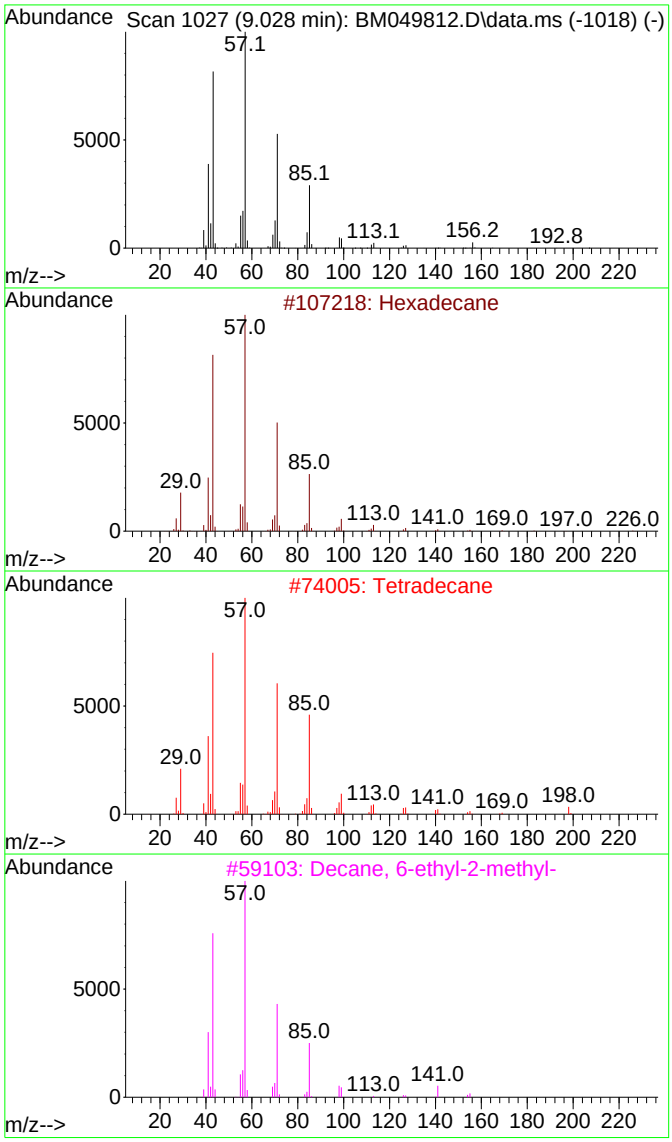
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

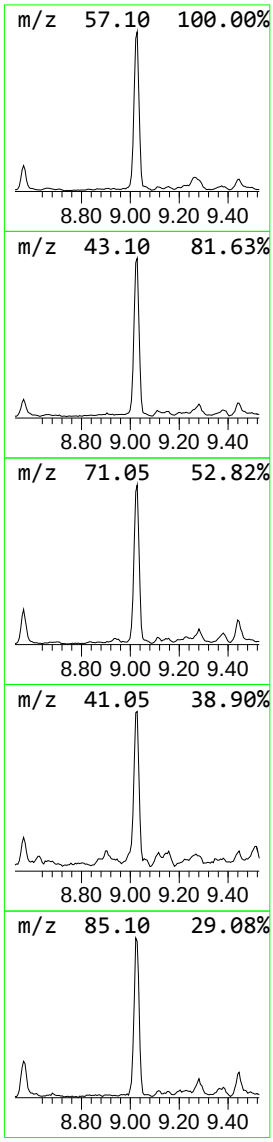
****

Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	8.77 ng	987160	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	Undecane	156	C11H24	001120-21-4	76
5	Nonane	128	C9H20	000111-84-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

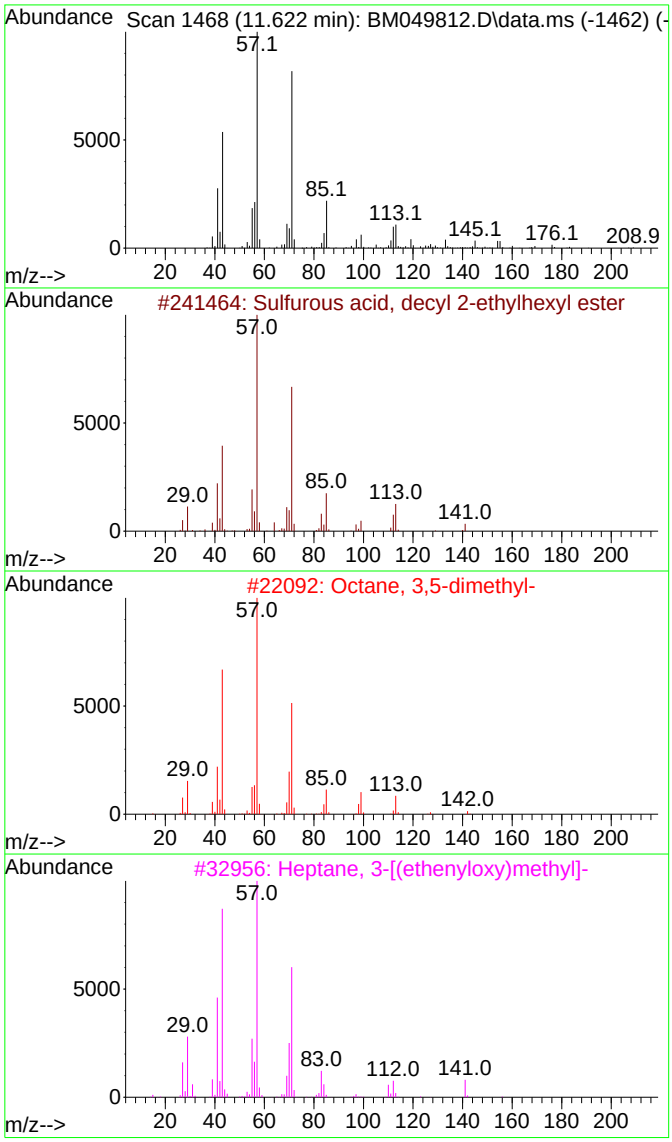
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

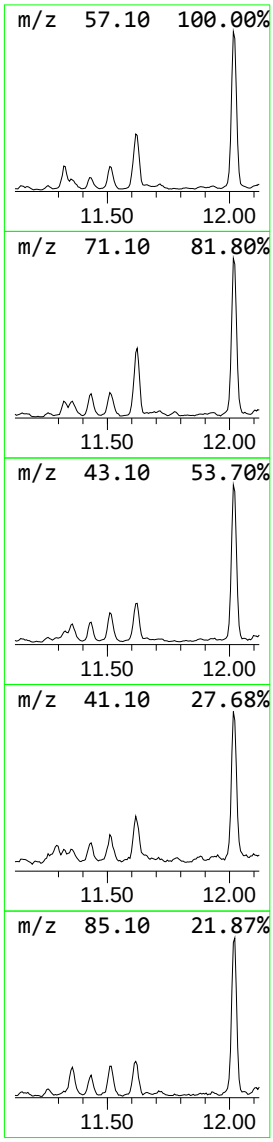
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, decyl 2-eth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	3.38 ng	662967	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	59
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59





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Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-040225

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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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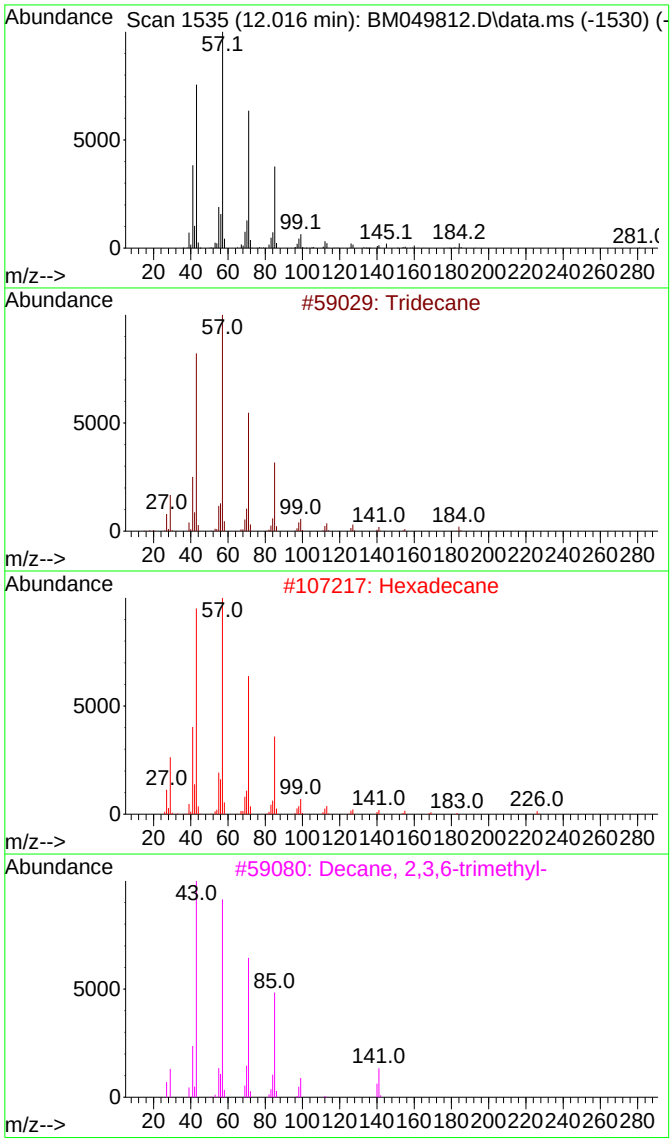
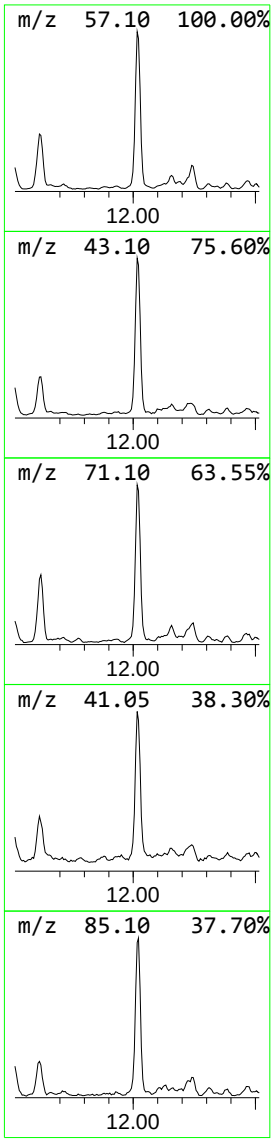
Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	7.10 ng	1393530	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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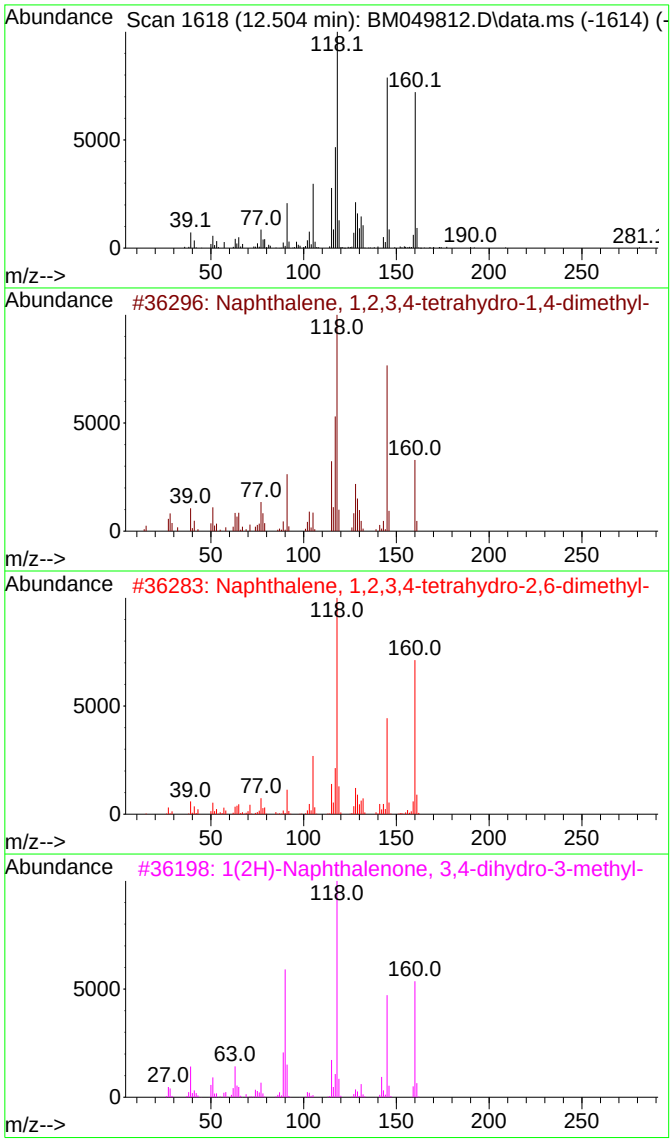
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

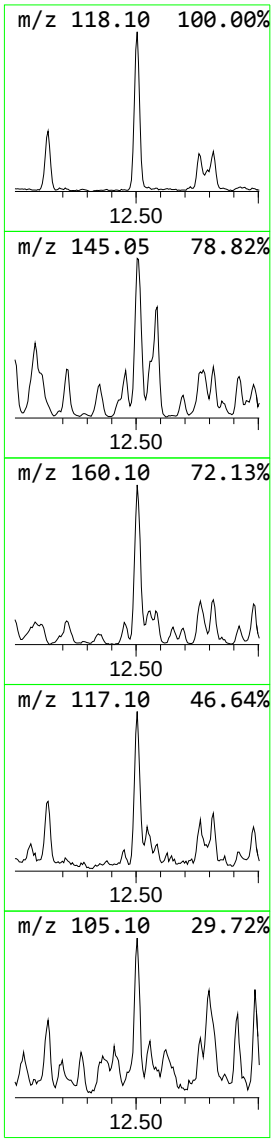
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	2.87 ng	570977	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58





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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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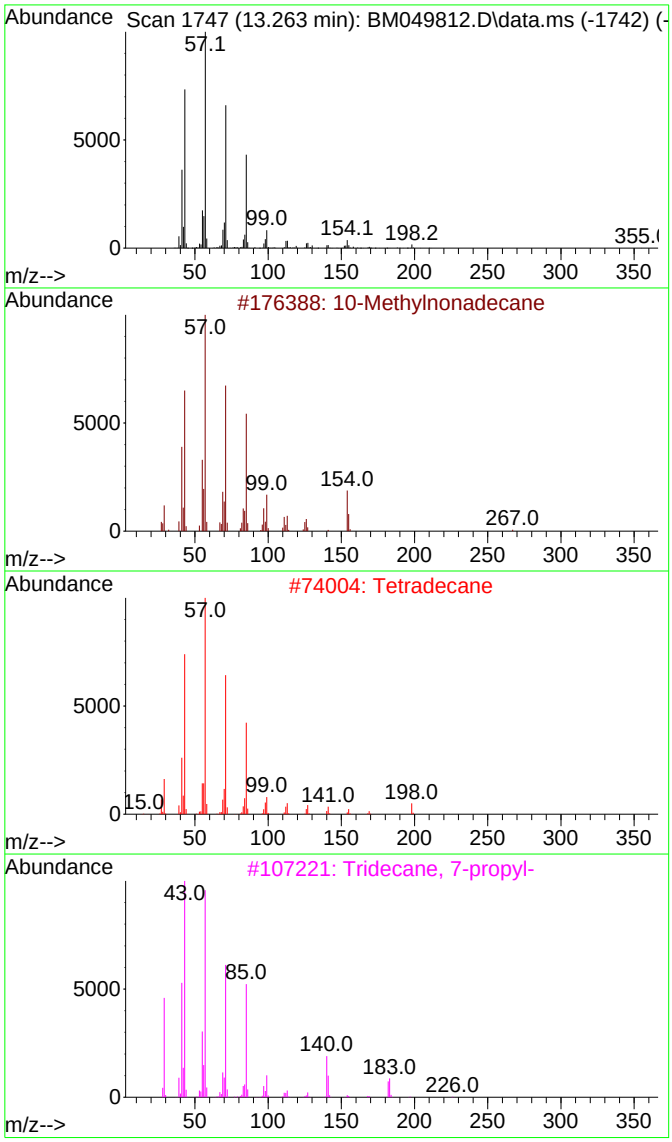
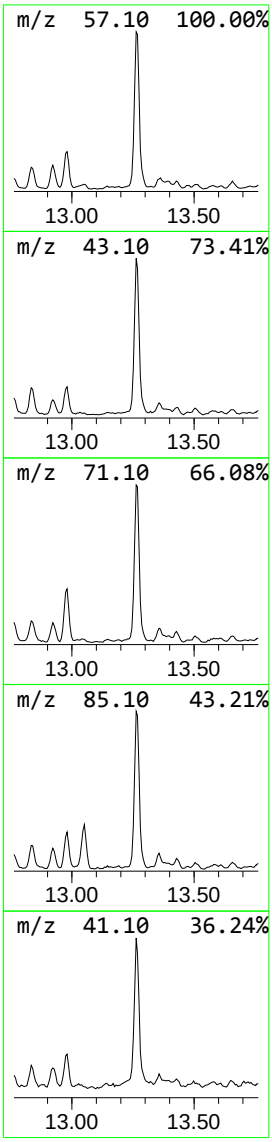
Peak Number 8 10-Methylnonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	8.73 ng	1737190	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72





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ALS Vial : 14 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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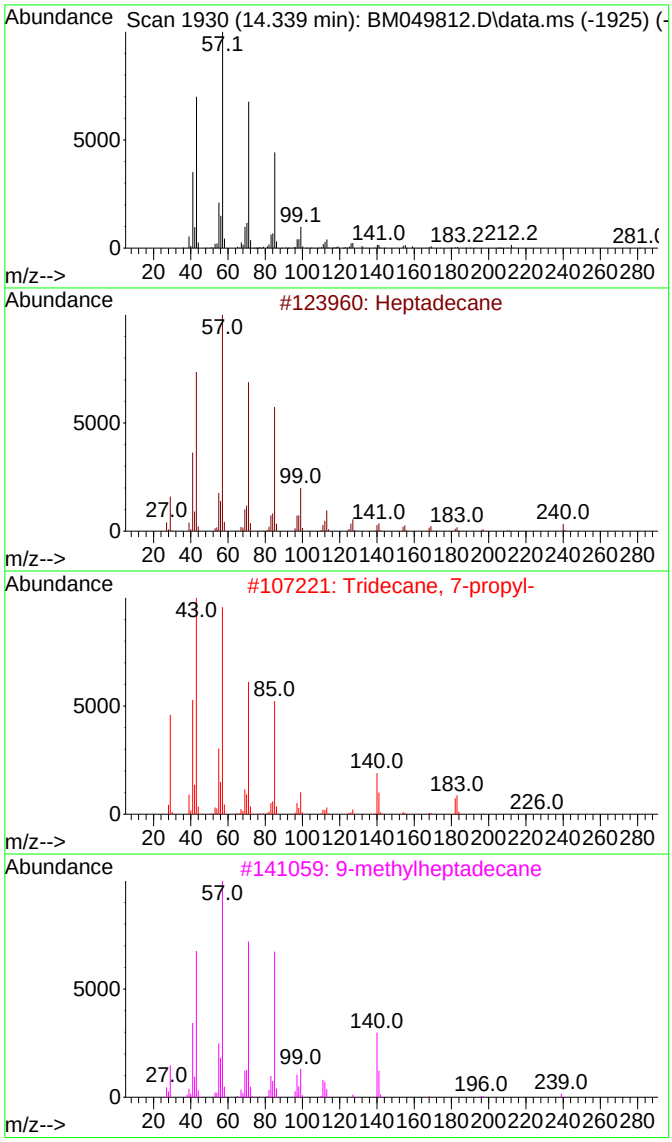
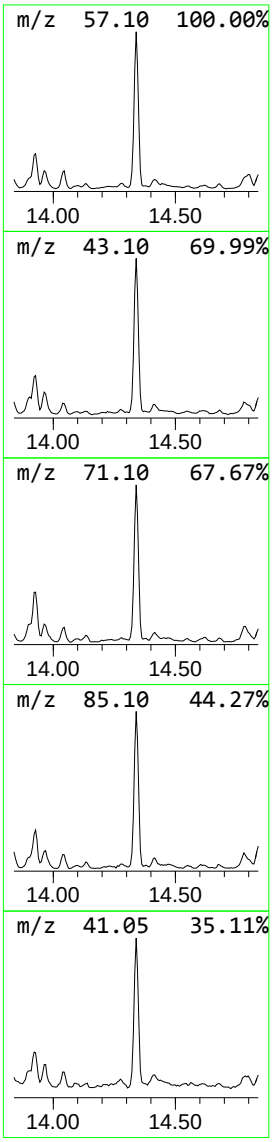
Peak Number 9 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	10.12 ng	2014430	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	9-methylheptadecane	254	C18H38	026741-18-4	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80





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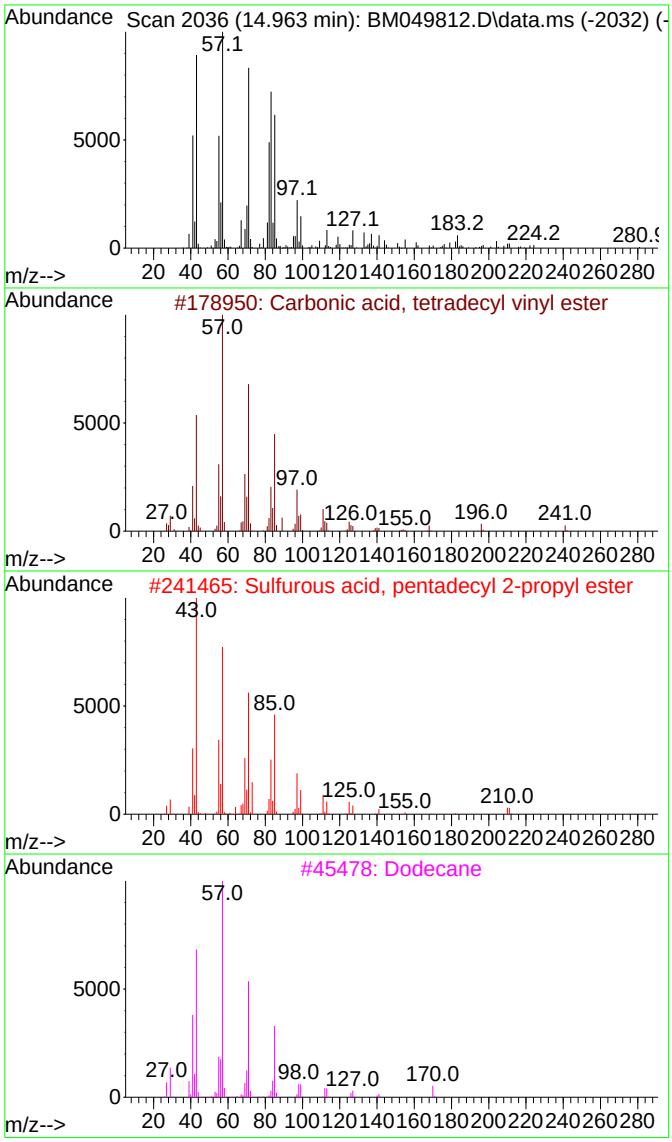
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

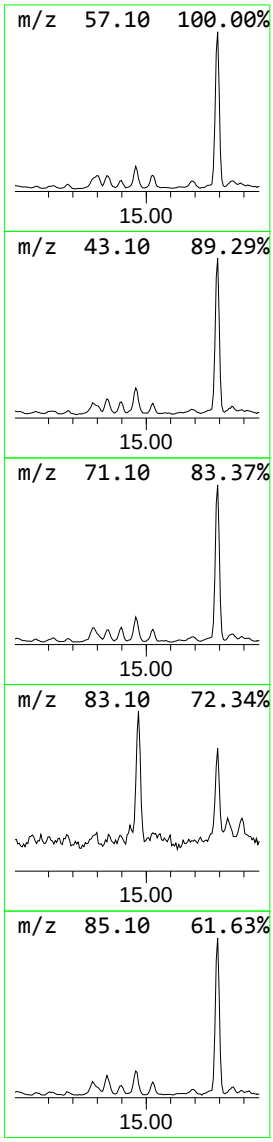
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Carbonic acid, tetradecyl v... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	2.83 ng	562337	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	72
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
5	Nonadecane	268	C19H40	000629-92-5	58





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

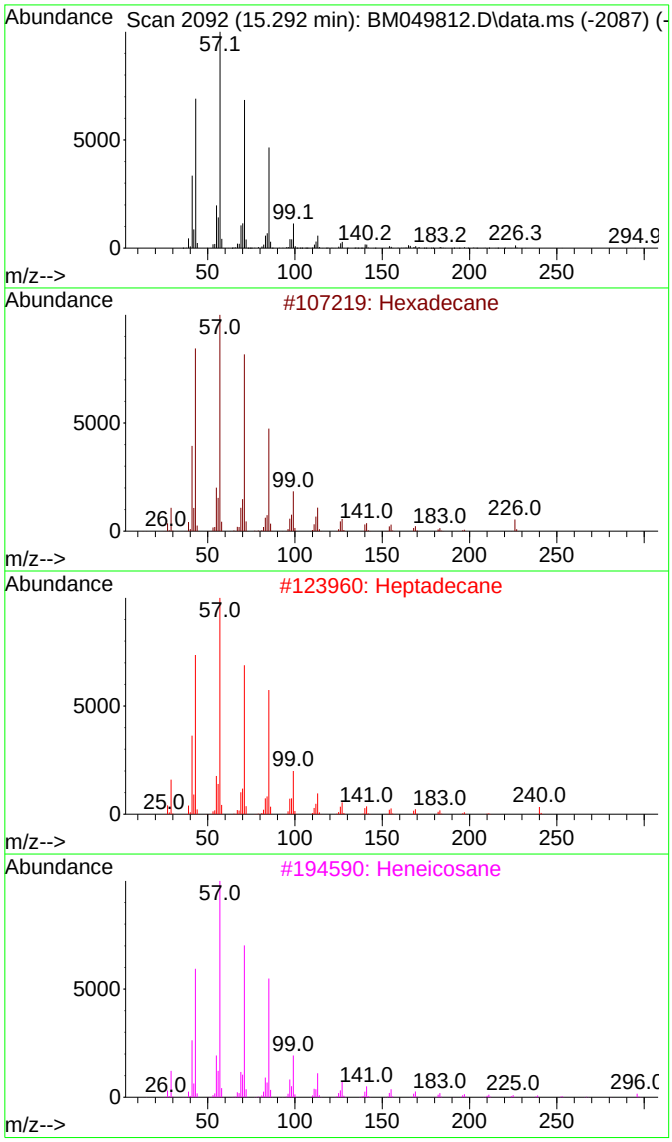
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

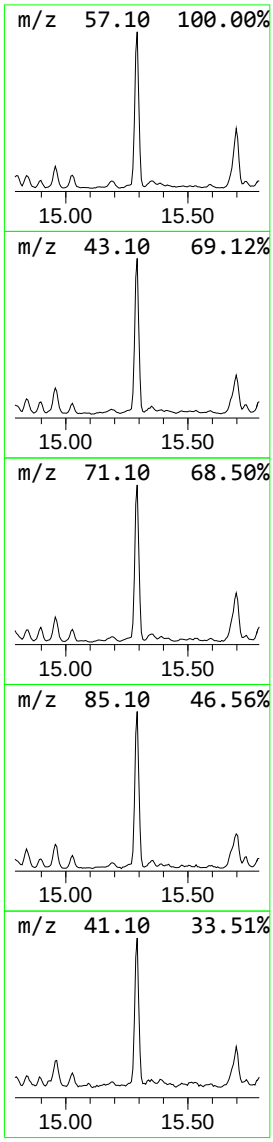
****

Peak Number 11 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	10.04 ng	1998310	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Tetradecane	198	C14H30	000629-59-4	86





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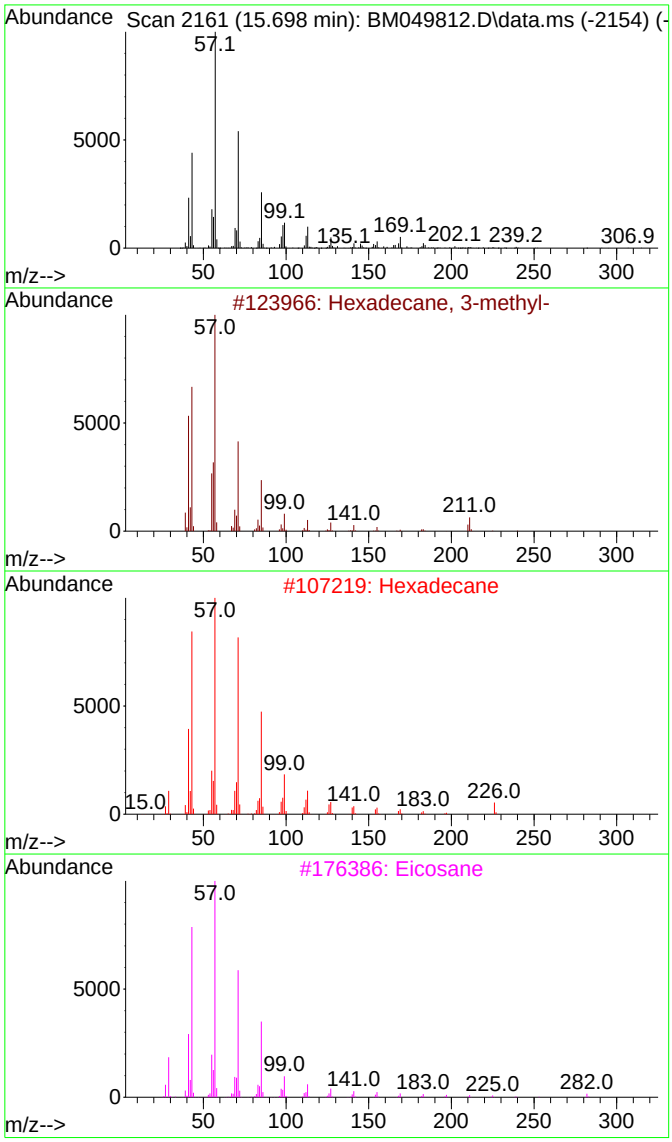
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

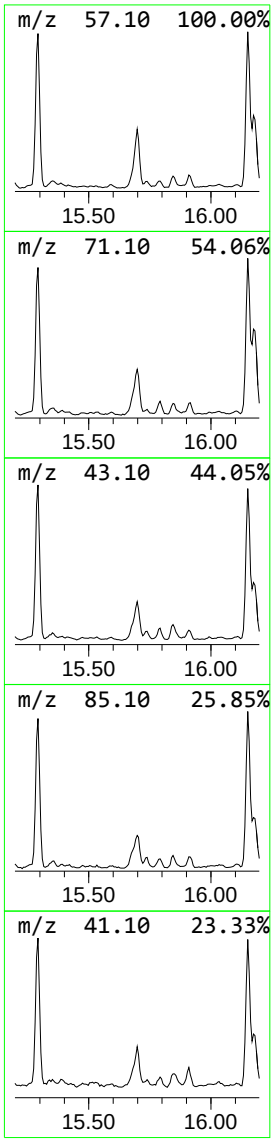
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	4.81 ng	958003	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
2	Hexadecane	226	C16H34	000544-76-3	74
3	Eicosane	282	C20H42	000112-95-8	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64





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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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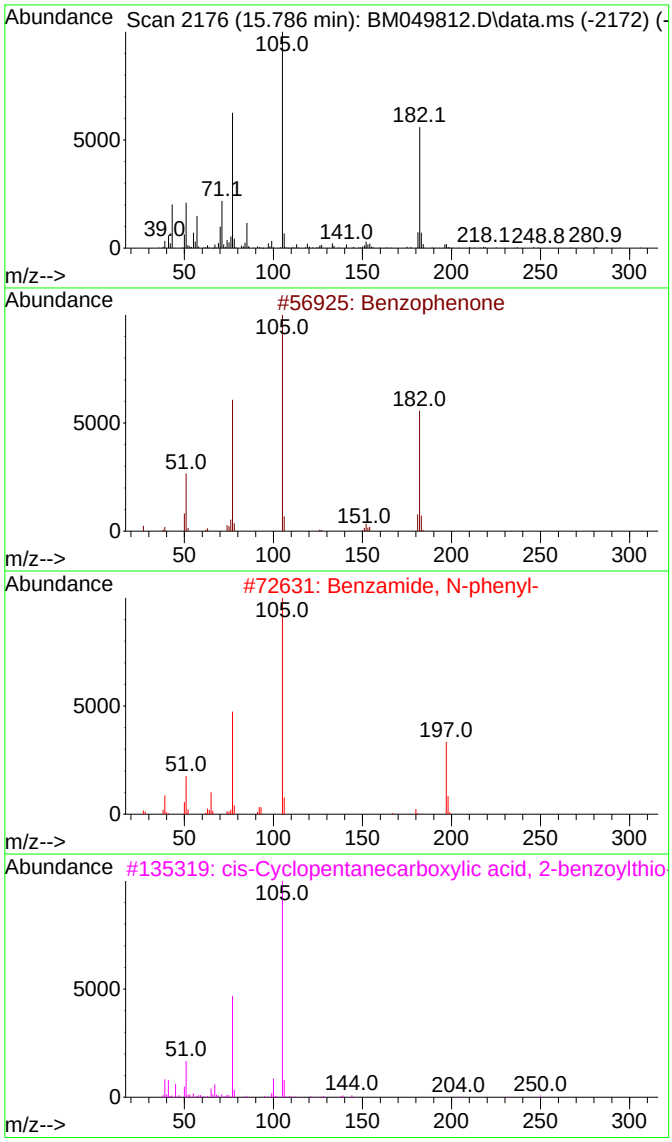
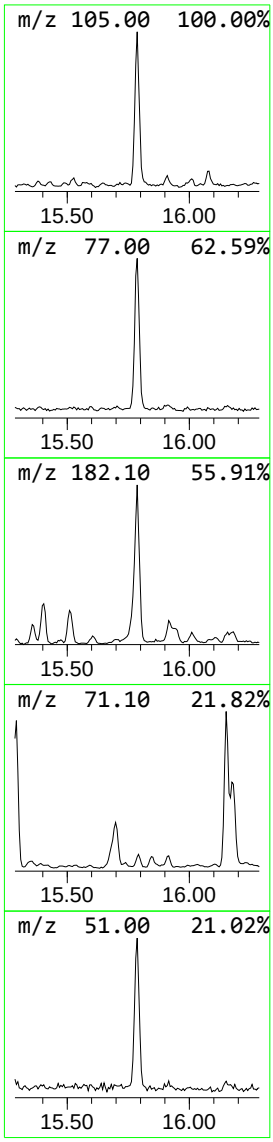
Peak Number 13 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	2.93 ng	583284	Acenaphthene-d10	14.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzamide, N-phenyl-	197	C13H11NO	000093-98-1	38
3	cis-Cyclopentanecarboxylic acid,...	250	C13H14O3S	099397-53-2	38
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	35
5	Thiophene, 2,3-dimethyl-4-cyano-...	256	C14H12N2OS	313533-21-0	35





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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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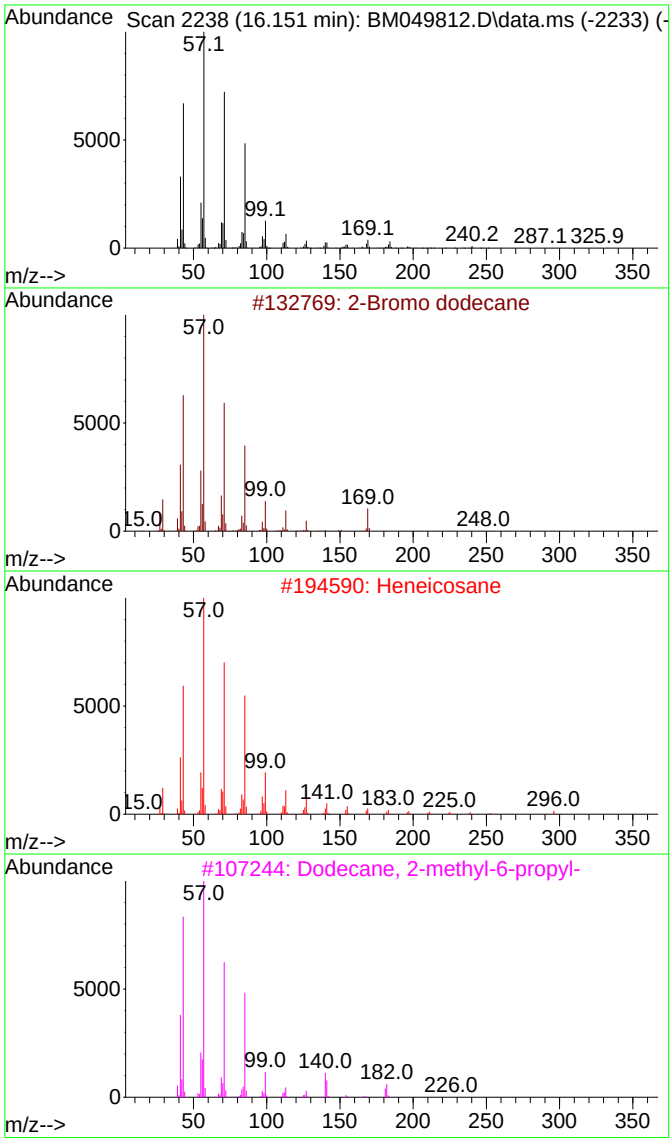
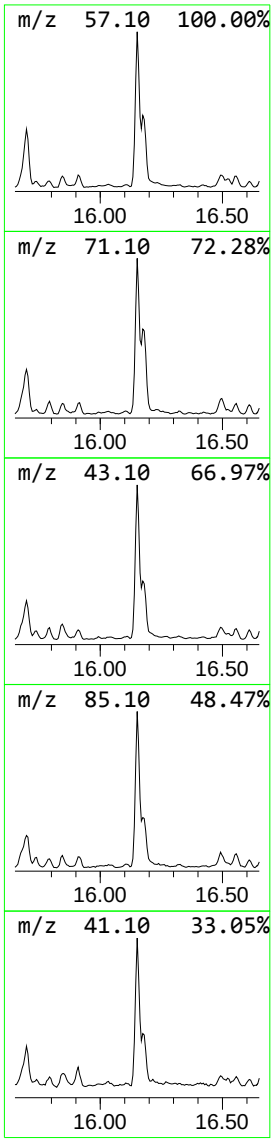
Peak Number 14 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	11.59 ng	2369820	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptadecane	240	C17H36	000629-78-7	90





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TIC Library : C:\Database\NIST20.L
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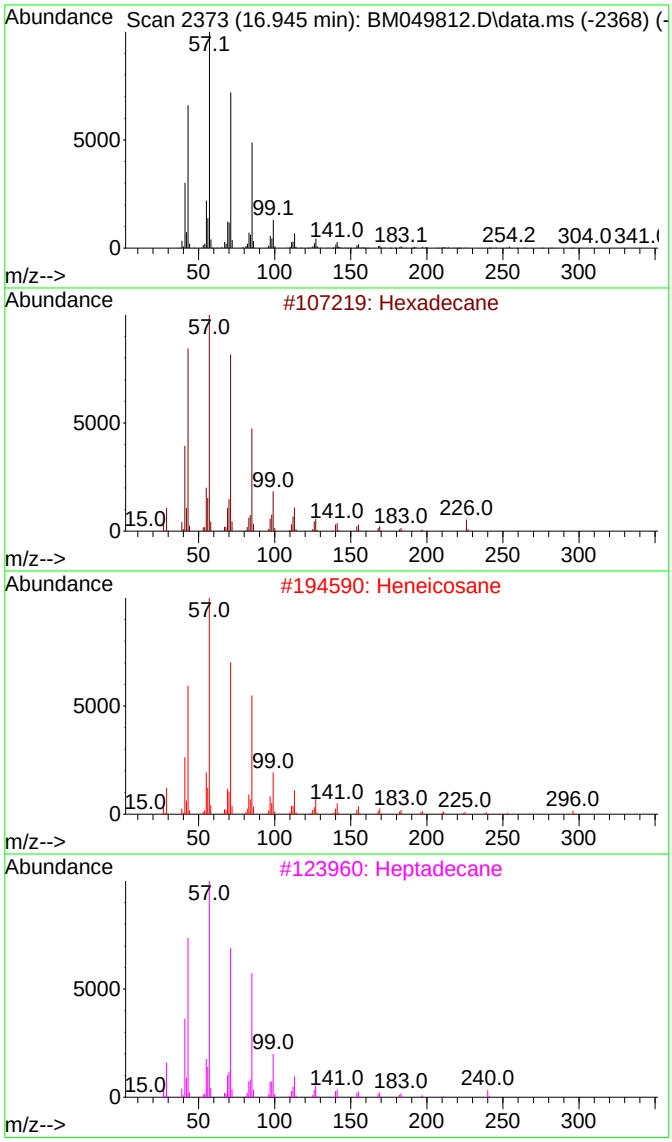
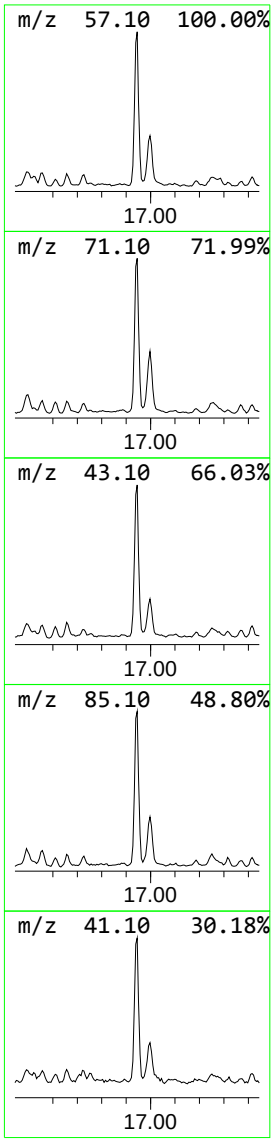
Peak Number 15 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	8.65 ng	1769320	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Dodecane	170	C12H26	000112-40-3	90





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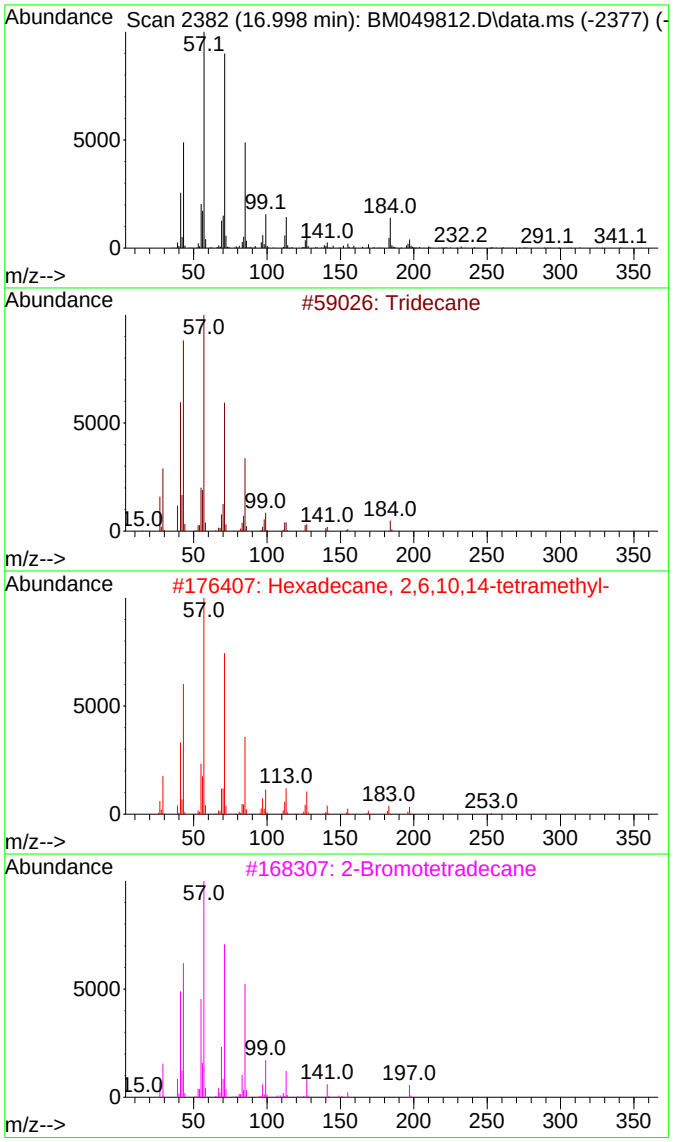
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

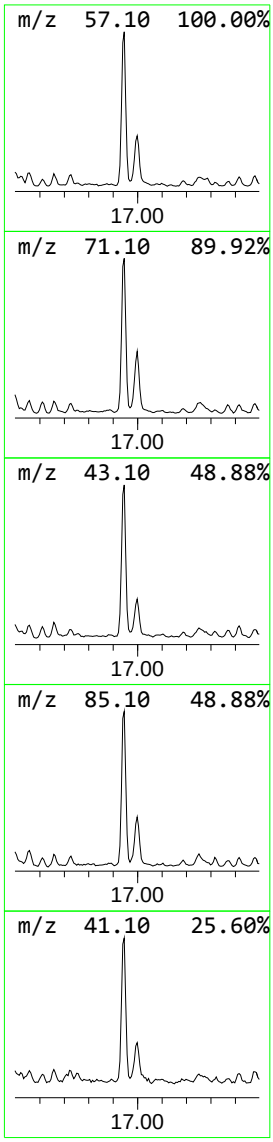
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.998	4.67 ng	955708	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Docosane	310	C22H46	000629-97-0	80





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Misc :
ALS Vial : 14 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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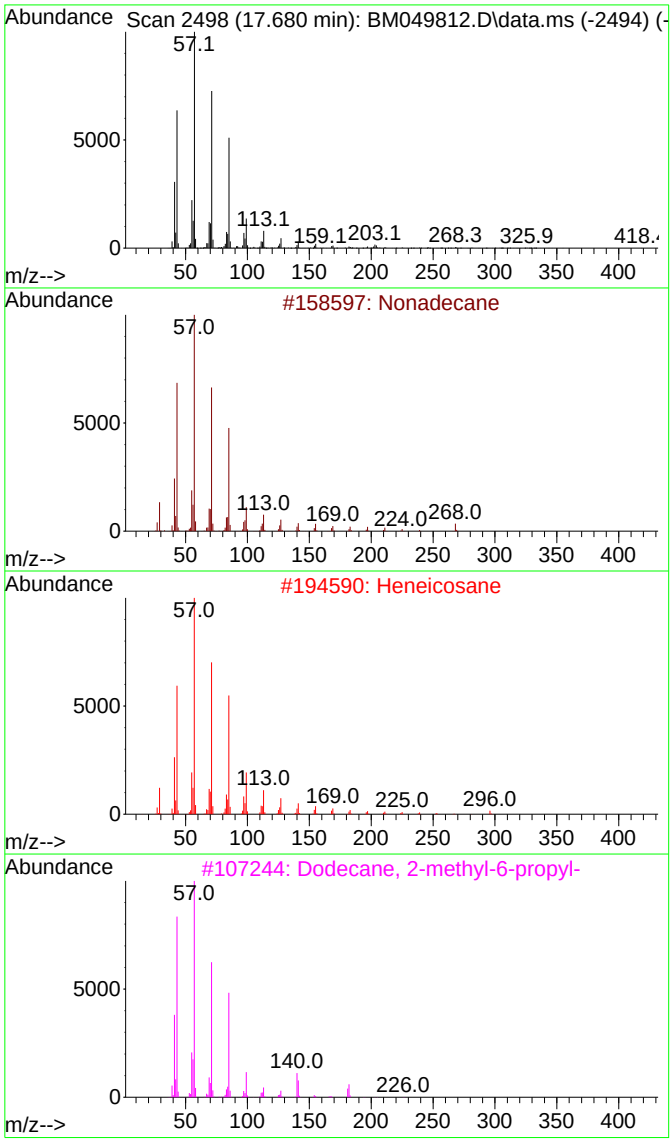
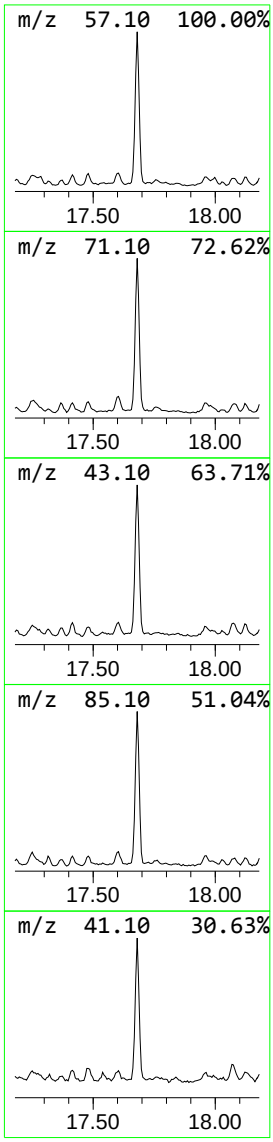
Peak Number 17 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	7.49 ng	1532060	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87





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Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

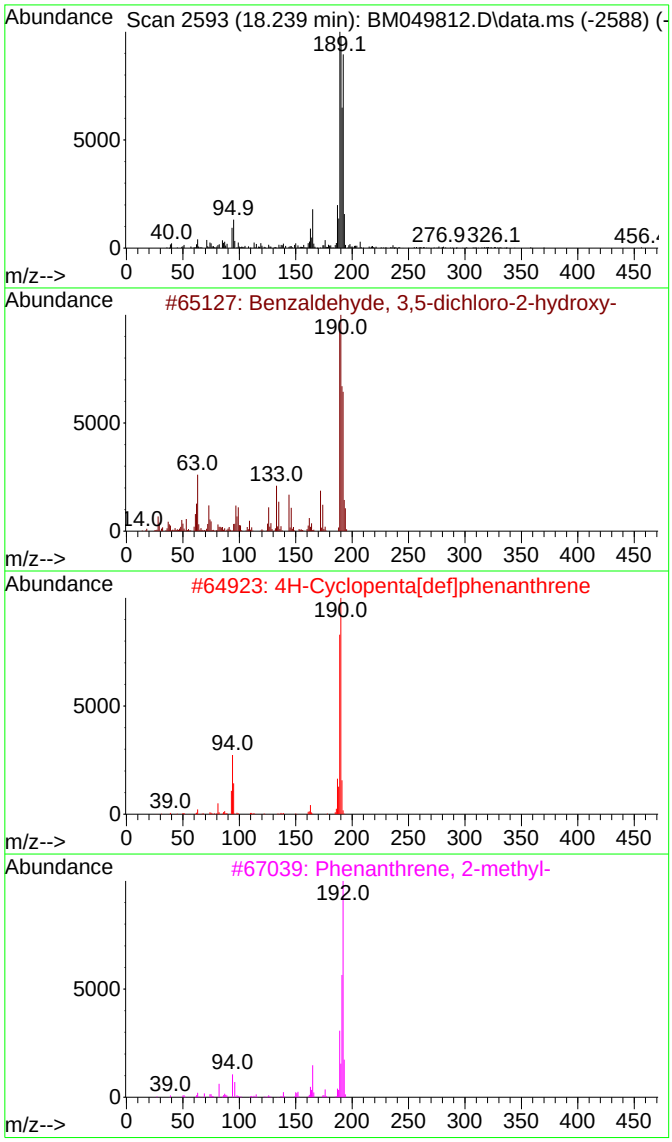
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

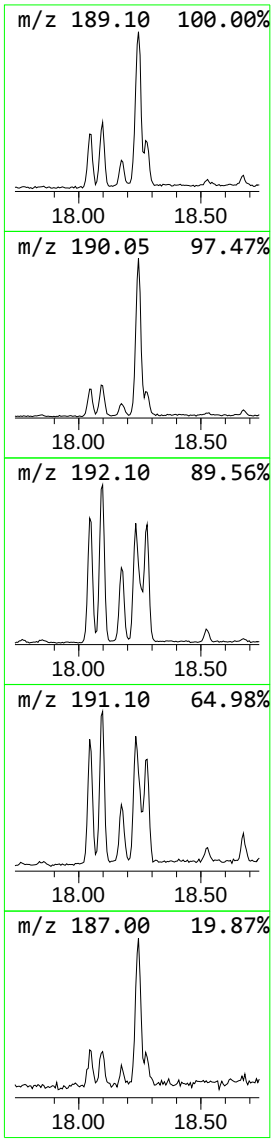
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzaldehyde, 3,5-dichloro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	2.91 ng	594688	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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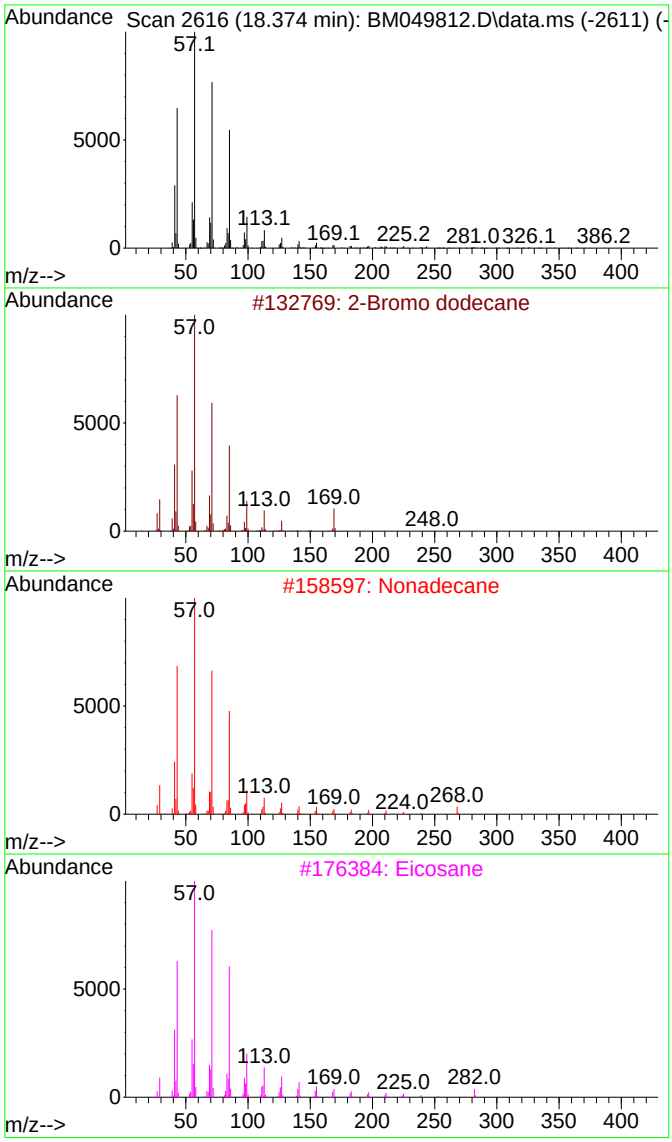
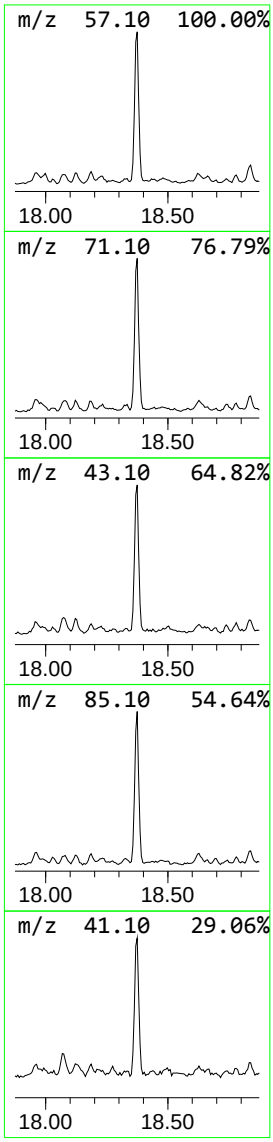
Peak Number 19 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	6.22 ng	1272050	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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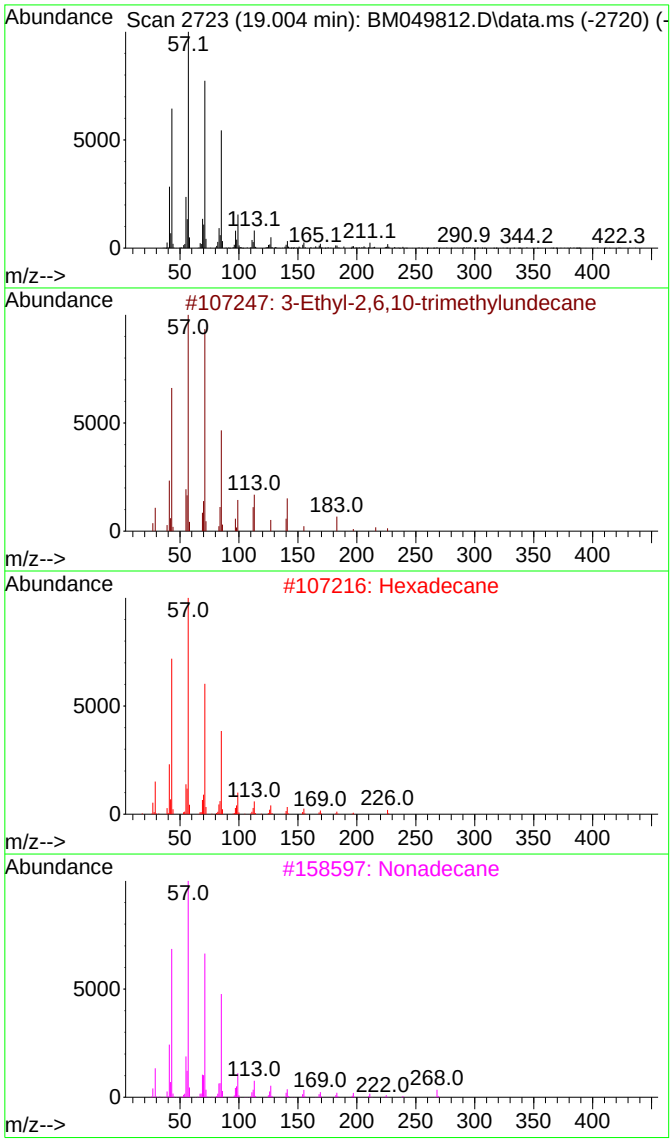
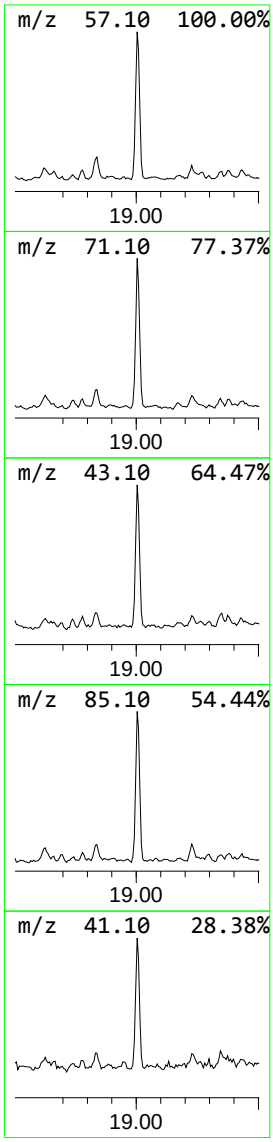
Peak Number 20 3-Ethyl-2,6,10-trimethylund... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	4.88 ng	997377	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Hexadecane	226	C16H34	000544-76-3	92
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049812.D
Acq On : 03 Apr 2025 19:11
Operator : RC/JU
Sample : Q1706-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-040225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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
2-Pentanone, 4-...	4.904	3.1	ng	348187	1	7.787	2250870	20.0
Decane	7.422	5.7	ng	645037	1	7.787	2250870	20.0
unknown8.328	8.328	3.2	ng	363665	1	7.787	2250870	20.0
Hexadecane	9.028	8.8	ng	987160	1	7.787	2250870	20.0
Sulfurous acid,...	11.622	3.4	ng	662967	2	10.581	3925230	20.0
Tridecane	12.016	7.1	ng	1393530	2	10.581	3925230	20.0
Naphthalene, 1,...	12.504	2.9	ng	570977	3	14.427	3979810	20.0
10-Methylnonade...	13.263	8.7	ng	1737190	3	14.427	3979810	20.0
Heptadecane	14.339	10.1	ng	2014430	3	14.427	3979810	20.0
Carbonic acid, ...	14.963	2.8	ng	562337	3	14.427	3979810	20.0
Heneicosane	15.292	10.0	ng	1998310	3	14.427	3979810	20.0
Hexadecane, 3-m...	15.698	4.8	ng	958003	3	14.427	3979810	20.0
Benzophenone	15.786	2.9	ng	583284	3	14.427	3979810	20.0
2-Bromo dodecane	16.151	11.6	ng	2369820	4	17.174	4090050	20.0
Pentacosane	16.945	8.7	ng	1769320	4	17.174	4090050	20.0
Hexadecane, 2,6...	16.998	4.7	ng	955708	4	17.174	4090050	20.0
Nonadecane	17.680	7.5	ng	1532060	4	17.174	4090050	20.0
Benzaldehyde, 3...	18.239	2.9	ng	594688	4	17.174	4090050	20.0
Eicosane	18.374	6.2	ng	1272050	4	17.174	4090050	20.0
3-Ethyl-2,6,10-...	19.004	4.9	ng	997377	4	17.174	4090050	20.0