LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047429.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.557	277	284	291	rBV2	63513	98436	1.11%	0.095%
2	5.010	353	361	375	rBV	1067679	1712068	19.34%	1.660%
3	6.575	620	627	648	rBV	946849	1731430	19.56%	1.679%
4	7.345	748	758	773	rBV	881414	1458319	16.48%	1.414%
5	8.428	930	942	946	rBV3	41700	94154	1.06%	0.091%
6	8.498	947	954	961	rVV	634645	1176591	13.29%	1.141%
7	8.557	961	964	971	rVV	66498	119746	1.35%	0.116%
8	8.675	971	984	989	rVB7	49844	144315	1.63%	0.140%
9	9.016	1036	1042	1050	rVB3	90835	177844	2.01%	0.172%
10	9.798	1169	1175	1180	rBV2	36378	89085	1.01%	0.086%
11	9.881	1183	1189	1195	rVB3	68719	141467	1.60%	0.137%
12	10.098	1215	1226	1232	rVV	1163737	2123330	23.99%	2.059%
13	10.216	1242	1246	1251	rVB4	94866	159165	1.80%	0.154%
14	10.269	1251	1255	1260	rVB	76989	109033	1.23%	0.106%
15	10.328	1260	1265	1271	rBV6	58735	118289	1.34%	0.115%
16	10.557	1301	1304	1312	rVB4	93605	185561	2.10%	0.180%
17	10.669	1318	1323	1328	rBV3	59928	121660	1.37%	0.118%
18	10.769	1335	1340	1342	rBV4	74830	118143	1.33%	0.115%
19	10.945	1366	1370	1375	rVB4	86188	136689	1.54%	0.133%
20	11.022	1375	1383	1389	rBV5	104016	267640	3.02%	0.260%
21	11.128	1396	1401	1410	rBV4	224180	557533	6.30%	0.541%
22	11.286	1423	1428	1432	rVB2	198282	279052	3.15%	0.271%
23	11.375	1437	1443	1448	rBV5	56576	118954	1.34%	0.115%
24	11.545	1466	1472	1481	rVV	518371	973257	11.00%	0.944%
25	11.657	1488	1491	1498	rVB3	168100	300349	3.39%	0.291%
26	11.745	1499	1506	1508	rBV5	92509	214732	2.43%	0.208%
27	11.992	1543	1548	1551	rBV4	61470	139053	1.57%	0.135%
28	12.039	1551	1556	1561	rVV3	426194	675221	7.63%	0.655%
29	12.204	1573	1584	1587	rBV7	140696	451760	5.10%	0.438%
30	12.245	1587	1591	1597	rVB5	122813	186837	2.11%	0.181%
31	12.310	1597	1602	1607	rBV5	199818	419729	4.74%	0.407%
32	12.392	1613	1616	1624	rVB4	228544	379535	4.29%	0.368%
33	12.475	1625	1630	1635	rBV3	232134	480745	5.43%	0.466%
34	12.533	1635	1640	1648	rBV2	473460	749834	8.47%	0.727%
35	12.610	1648	1653	1658	rBV	1712391	2376468	26.85%	2.305%
36	12.751	1672	1677	1682	rBV3	287178	519881	5.87%	0.504%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.792	1682	1684	1686	rVV3	83754	94940	1.07%	0.092%
38	12.833	1686	1691	1697	rVB	1403306	2019603	22.82%	1.959%
39	12.933	1703	1708	1713	rVV2	390358	685877	7.75%	0.665%
40	12.986	1713	1717	1722	rVB4	276117	438757	4.96%	0.426%
41	13.157	1742	1746	1749	rBV4	219754	331268	3.74%	0.321%
42	13.369	1778	1782	1786	rBV4	263490	458299	5.18%	0.444%
43	13.410	1786	1789	1795	rVB3	307460	530750	6.00%	0.515%
44	13.504	1795	1805	1810	rBV4	831289	2298502	25.97%	2.229%
45	13.545	1810	1812	1817	rVB2	274896	352098	3.98%	0.341%
46	13.627	1823	1826	1829	rVB	232790	250271	2.83%	0.243%
47	13.727	1839	1843	1847	rBV4	168215	252329	2.85%	0.245%
48	13.863	1863	1866	1869	rBV3	166880	176340	1.99%	0.171%
49	13.933	1873	1878	1882	rVV	2845152	3574369	40.38%	3.467%
50	14.004	1885	1890	1896	rVV	1728434	2822211	31.88%	2.737%
51	14.380	1950	1954	1960	rBV3	368445	862702	9.75%	0.837%
52	14.433	1960	1963	1970	rVB3	432455	714929	8.08%	0.693%
53	14.498	1970	1974	1977	rBV	381493	478067	5.40%	0.464%
54	14.557	1980	1984	1992	rVB3	922722	1405614	15.88%	1.363%
55	14.627	1992	1996	2001	rBV2	505988	908386	10.26%	0.881%
56	14.798	2022	2025	2030	rVB5	300141	441841	4.99%	0.429%
57	14.863	2033	2036	2038	rVV3	189083	275723	3.11%	0.267%
58	14.898	2038	2042	2046	rVB	4000931	4729429	53.43%	4.587%
59	15.121	2076	2080	2085	rBV5	224087	447735	5.06%	0.434%
60	15.192	2090	2092	2097	rVB5	206148	259891	2.94%	0.252%
61	15.304	2104	2111	2116	rBV	1384610	2575877	29.10%	2.498%
62	15.345	2116	2118	2122	rVV2	269031	303796	3.43%	0.295%
63	15.398	2124	2127	2132	rVB	486175	656720	7.42%	0.637%
64	15.457	2133	2137	2142	rBV2	617462	922430	10.42%	0.895%
65	15.527	2142	2149	2155	rVB2	1386989	2394042	27.05%	2.322%
66	15.768	2185	2190	2198	rBV	4714394	8851639	100.00%	8.585%
67	16.110	2244	2248	2251	rBV2	437891	799971	9.04%	0.776%
68	16.168	2256	2258	2263	rVB2	394213	494438	5.59%	0.480%
69	16.227	2264	2268	2273	rBV4	339245	486520	5.50%	0.472%
70	16.274	2273	2276	2281	rBV	382834	525523	5.94%	0.510%
71	16.339	2285	2287	2290	rBV	308868	378512	4.28%	0.367%
72	16.562	2320	2325	2329	rBV	4359051	5297038	59.84%	5.137%
73	16.610	2329	2333	2341	rVB	1511025	2381684	26.91%	2.310%
74	16.780	2357	2362	2367	rBV	1545051	2319478	26.20%	2.250%
75	16.868	2374	2377	2385	rVB4	298669	674124	7.62%	0.654%
76	16.933	2386	2388	2392	rVB	213539	239348	2.70%	0.232%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.986	2394	2397	2401	rVB2	342042	420134	4.75%	0.407%
78	17.033	2402	2405	2413	rVV3	373307	482103	5.45%	0.468%
79	17.098	2413	2416	2421	rVB	482977	554475	6.26%	0.538%
80	17.215	2433	2436	2442	rVB	404150	570102	6.44%	0.553%
81	17.304	2446	2451	2456	rVB	3818342	4704790	53.15%	4.563%
82	17.580	2495	2498	2503	rBV2	295332	480156	5.42%	0.466%
83	17.709	2516	2520	2523	rBV2	465765	609898	6.89%	0.592%
84	17.804	2533	2536	2539	rBV	314249	424131	4.79%	0.411%
85	17.998	2564	2569	2574	rBV	3332447	4015414	45.36%	3.894%
86	18.256	2610	2613	2615	rBV	178678	242033	2.73%	0.235%
87	18.409	2637	2639	2643	rVB2	249920	252623	2.85%	0.245%
88	18.468	2646	2649	2654	rVB	396548	490913	5.55%	0.476%
89	18.645	2674	2679	2685	rVB	2641282	3247400	36.69%	3.150%
90	18.862	2713	2716	2719	rBV2	285734	443167	5.01%	0.430%
91	19.233	2775	2779	2785	rVB2	1838381	2222183	25.10%	2.155%
92	19.439	2810	2814	2819	rVB	2057465	2551590	28.83%	2.475%
93	19.774	2868	2871	2875	rVB	1164954	1309556	14.79%	1.270%
94	20.280	2953	2957	2961	rVB	761464	888376	10.04%	0.862%
95	20.745	3033	3036	3044	rVB	689231	794630	8.98%	0.771%
96	21.021	3079	3083	3088	rVB	1721207	2235496	25.26%	2.168%
97	23.733	3538	3544	3552	rVB	1322027	2951007	33.34%	2.862%

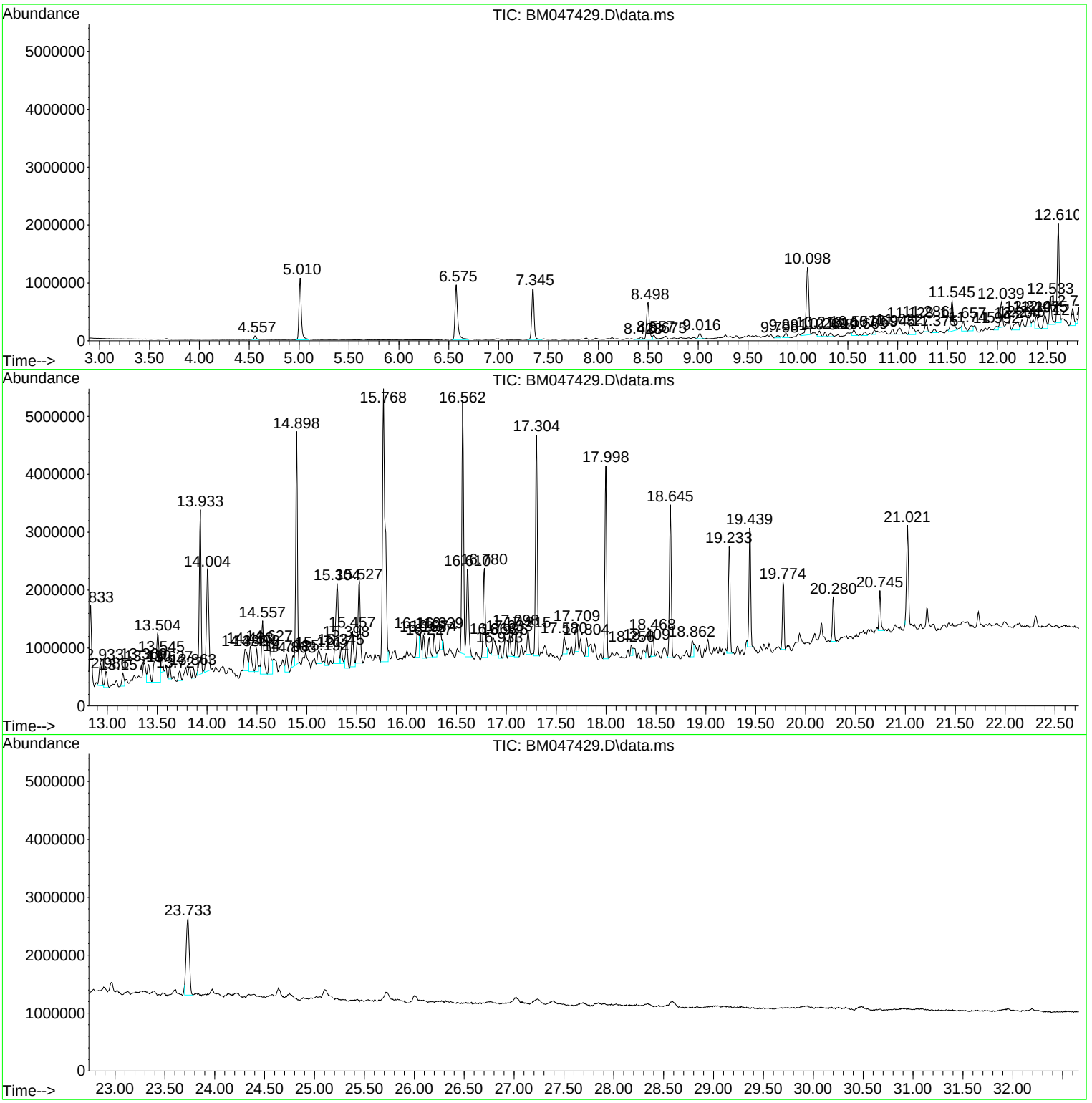
Sum of corrected areas: 103107153

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

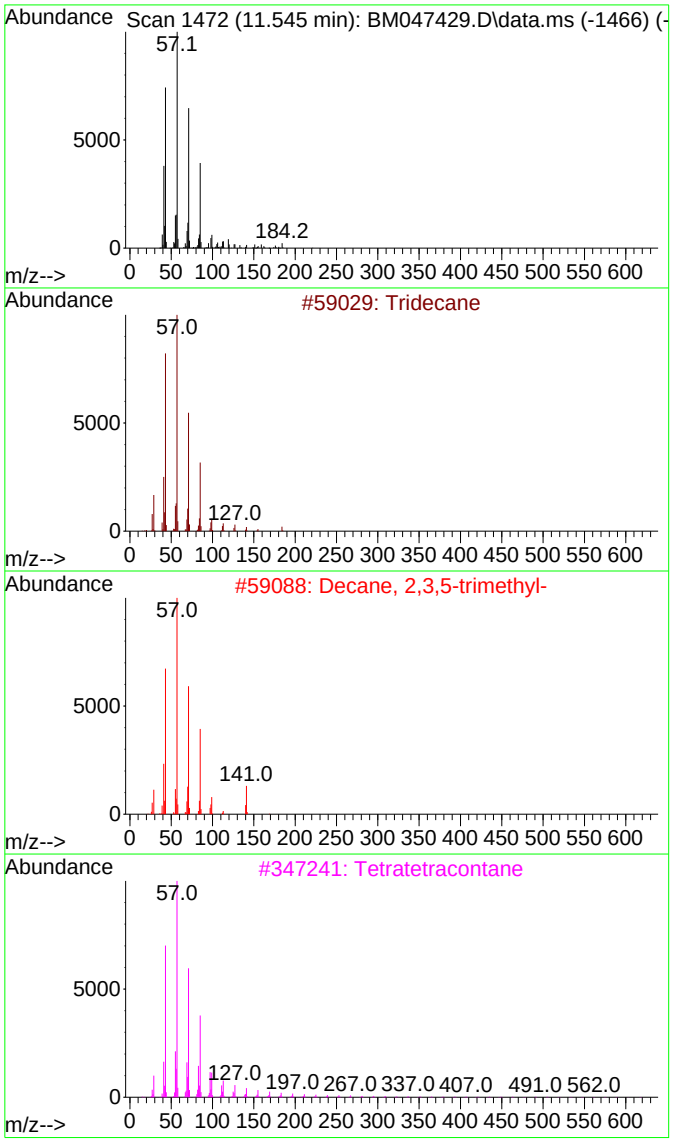
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

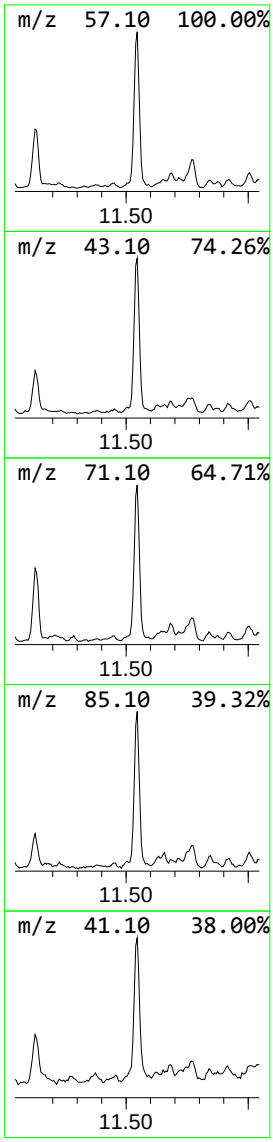
****

Peak Number 1 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.545	9.17 ng	973257	Naphthalene-d8	10.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

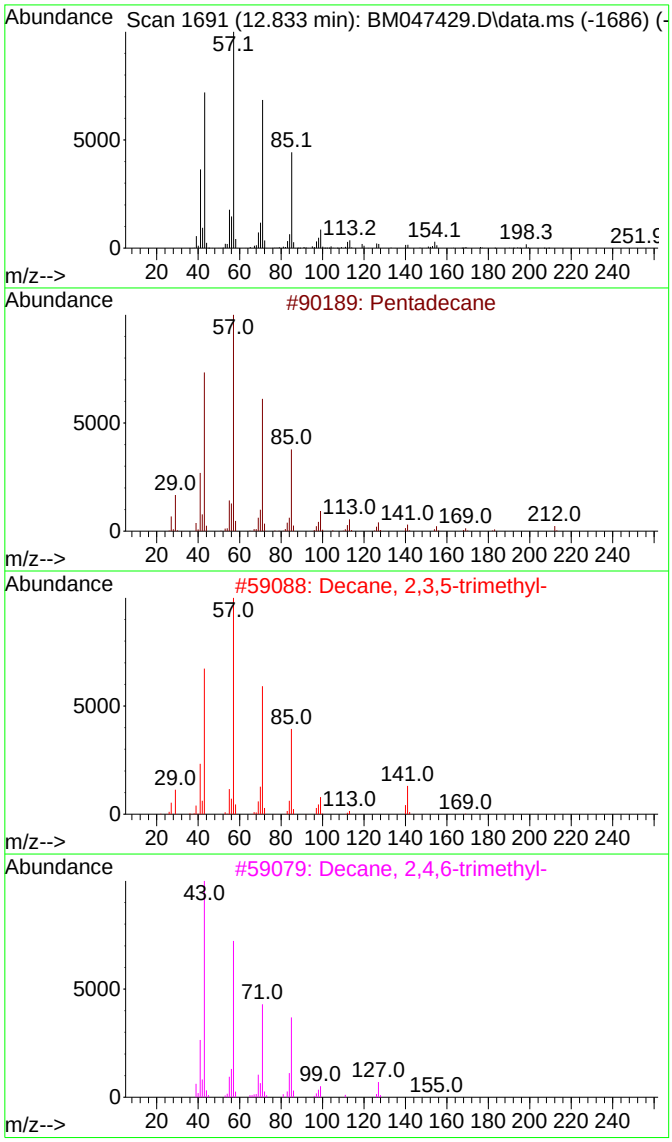
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

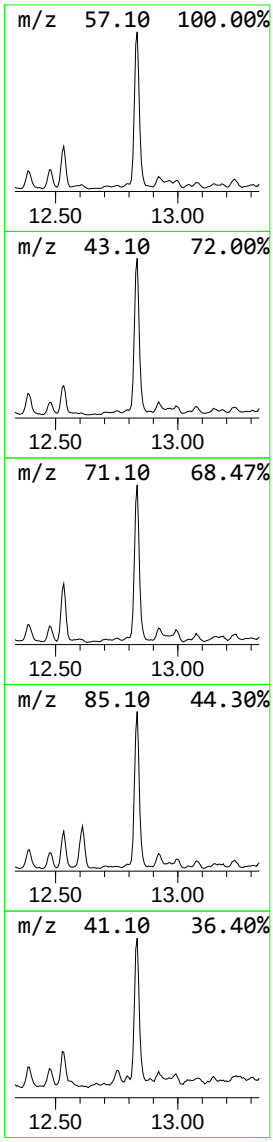
****

Peak Number 2 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	14.31 ng	2019600	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

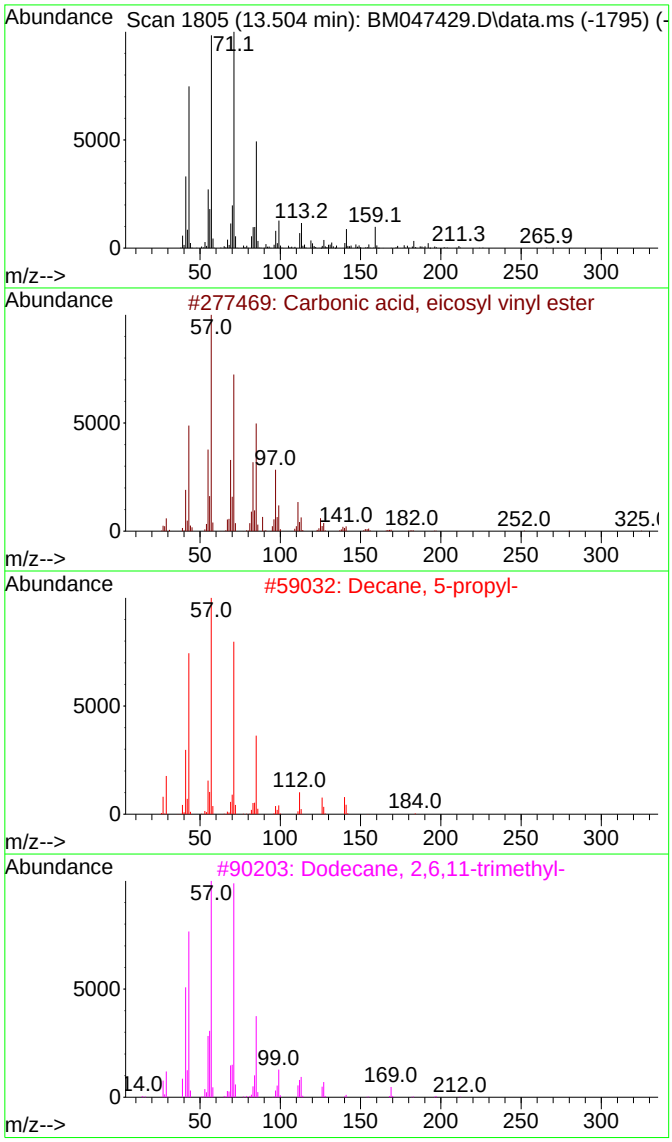
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

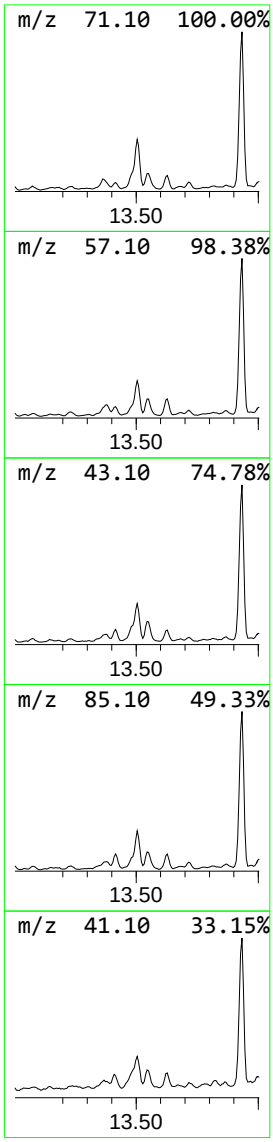
****

Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	16.29 ng	2298500	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Decane, 5-propyl-	184	C13H28	017312-62-8	76
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	60
5	Heptacosane	380	C27H56	000593-49-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

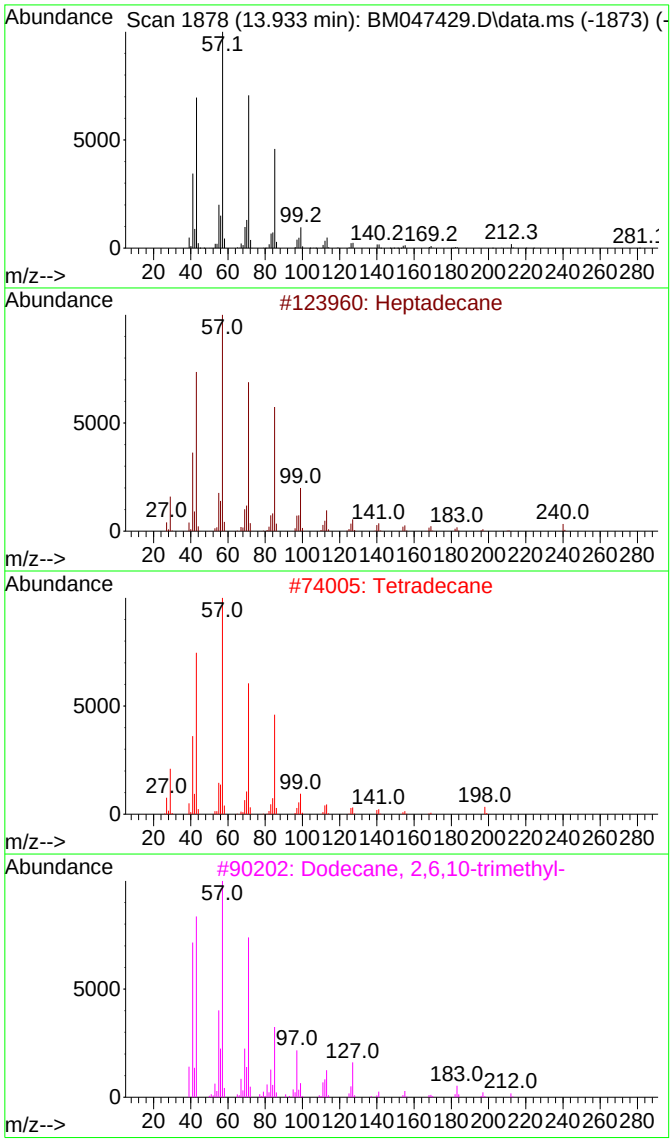
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

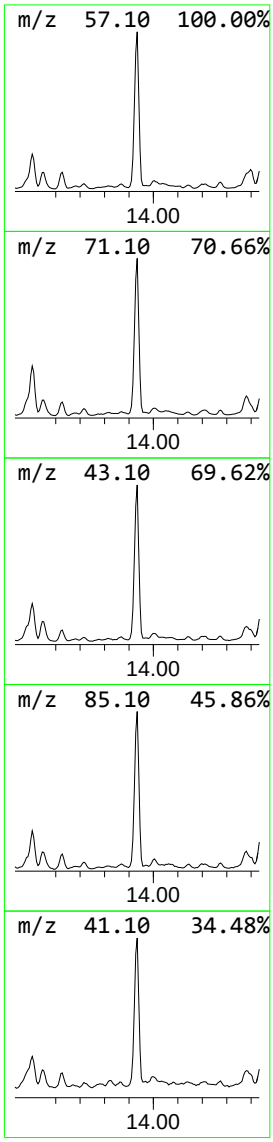
****

Peak Number 4 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	25.33 ng	3574370	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	9-methylheptadecane	254	C18H38	026741-18-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

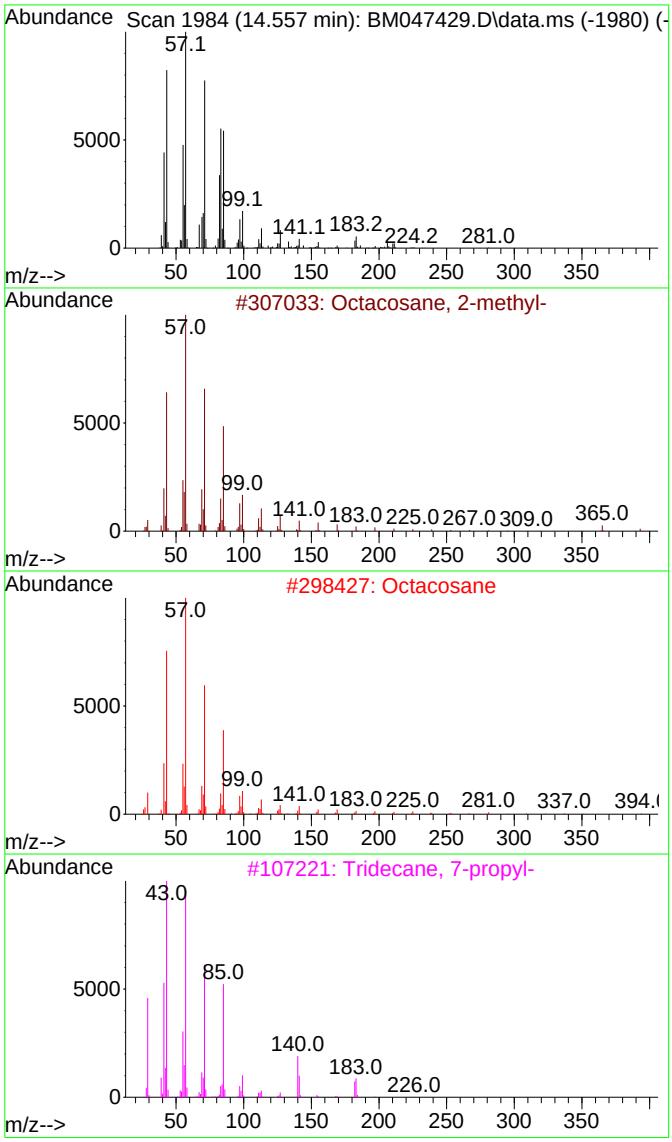
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

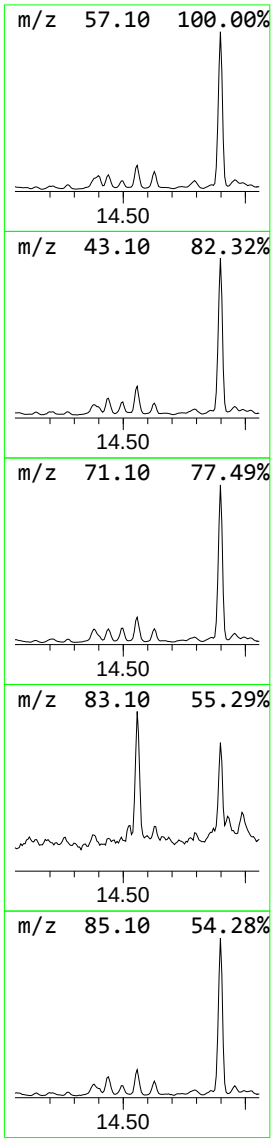
****

Peak Number 5 Octacosane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	9.96 ng	1405610	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	72
2	Octacosane	394	C28H58	000630-02-4	64
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	62
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

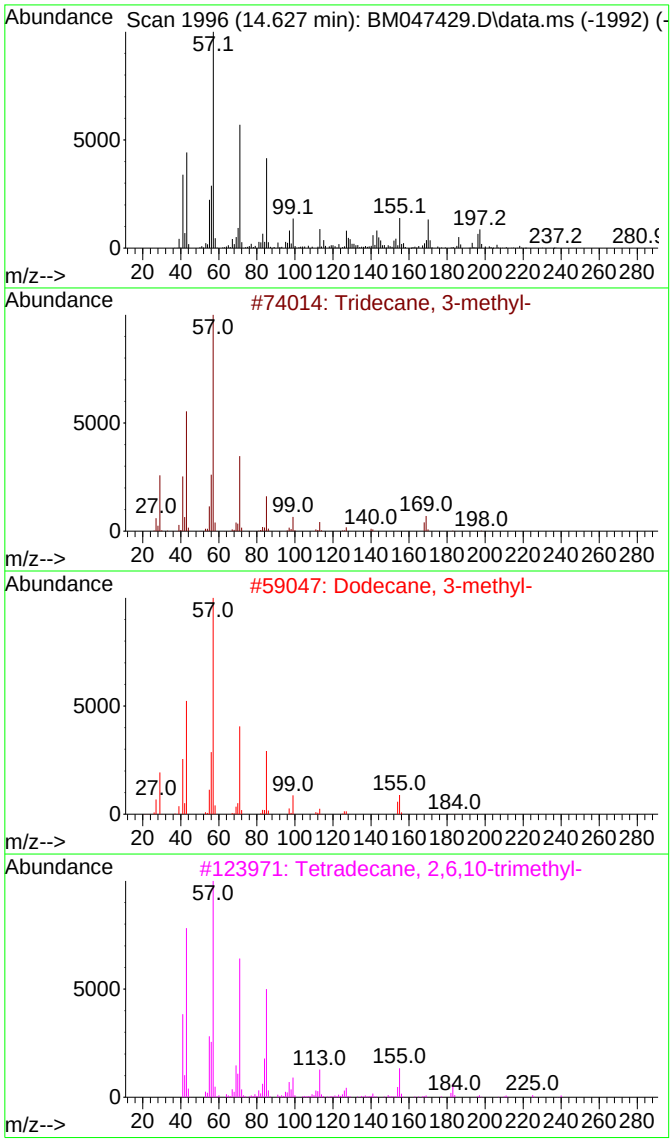
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

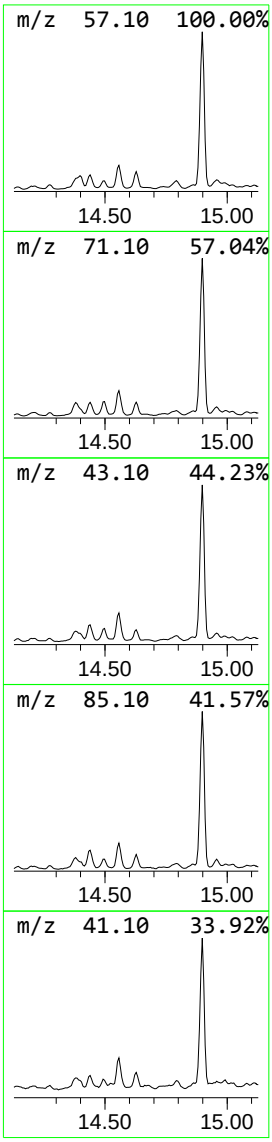
****

Peak Number 6 Tridecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.627	6.44 ng	908386	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5	Dodecane	170	C12H26	000112-40-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

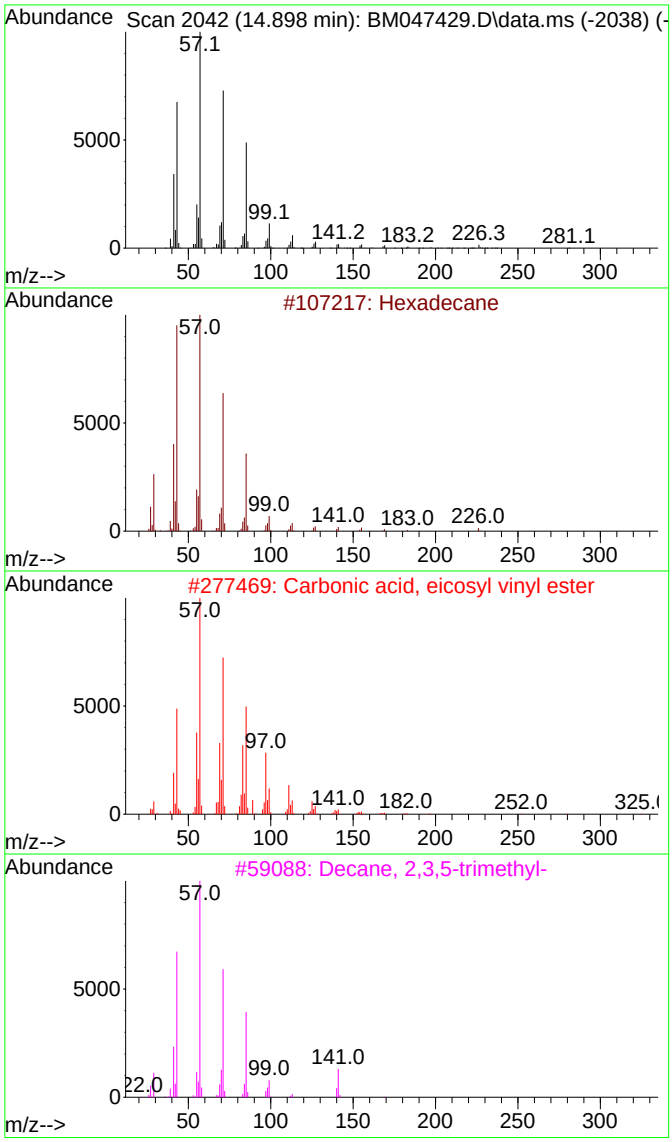
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

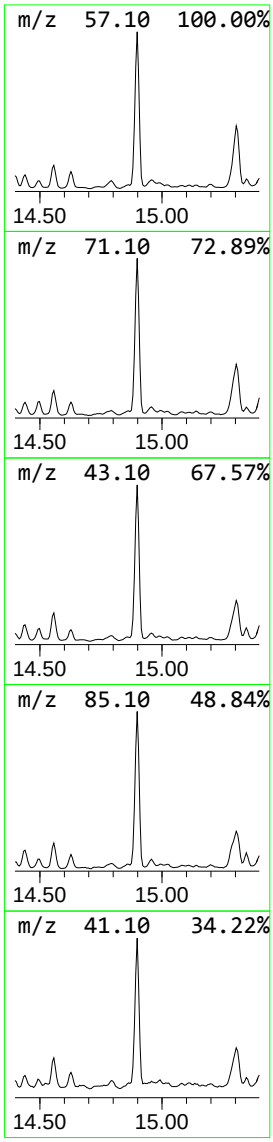
****

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	33.52 ng	4729430	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

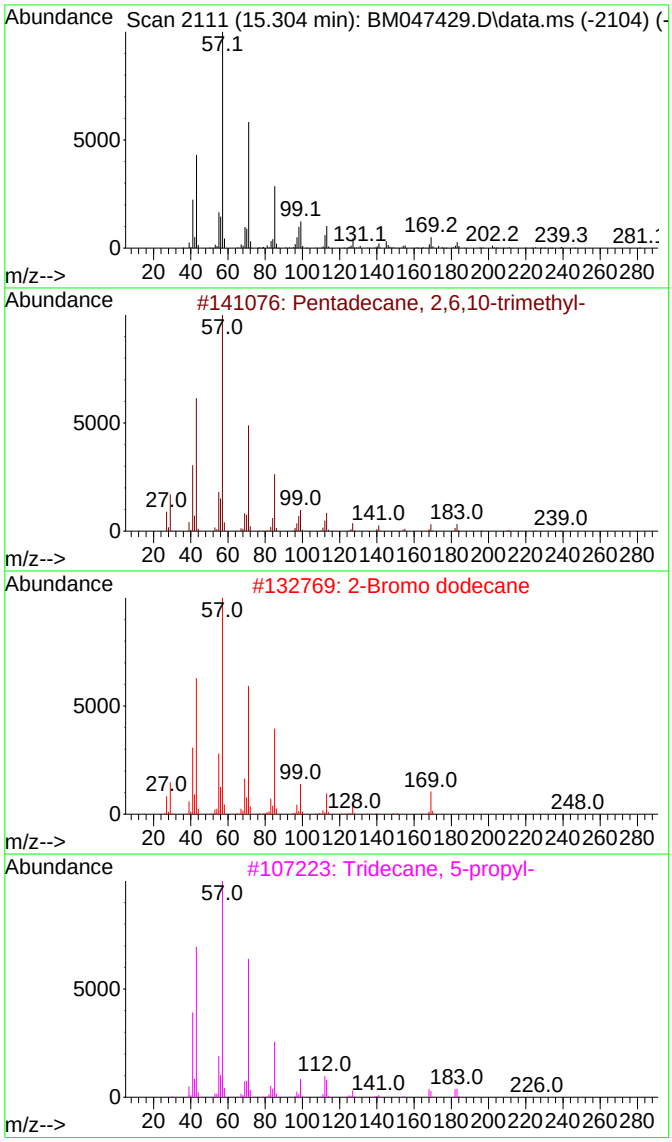
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

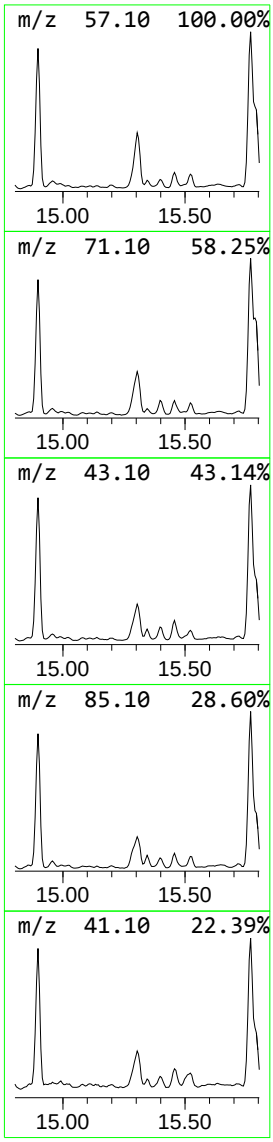
****

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	18.25 ng	2575880	Acenaphthene-d10	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

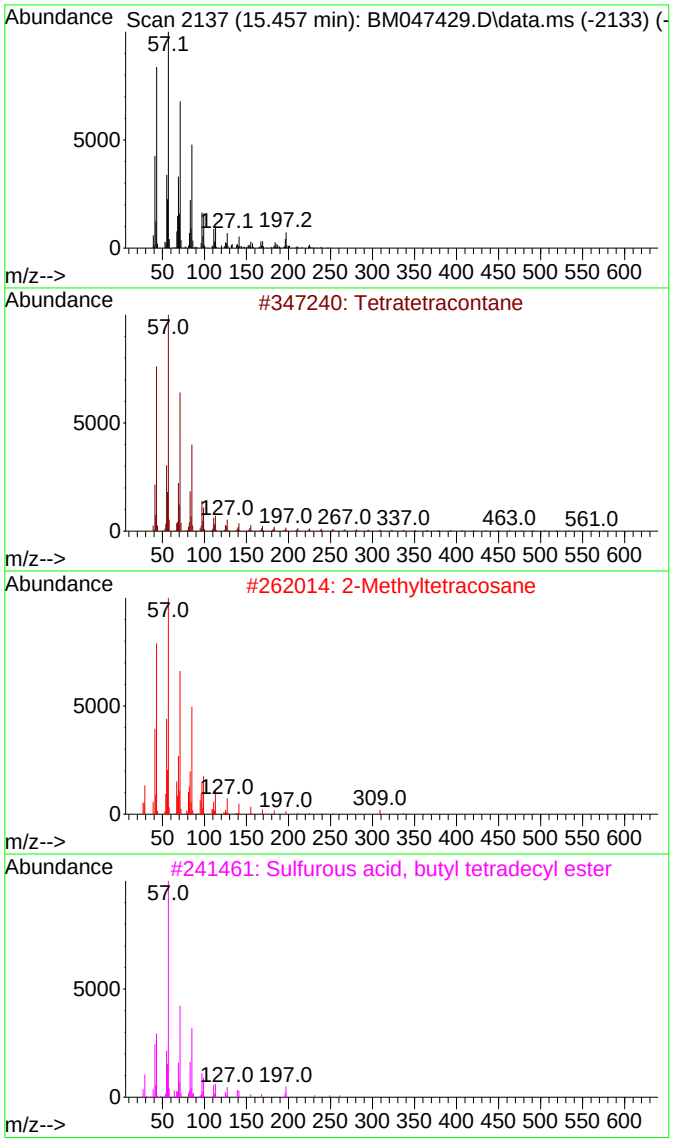
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

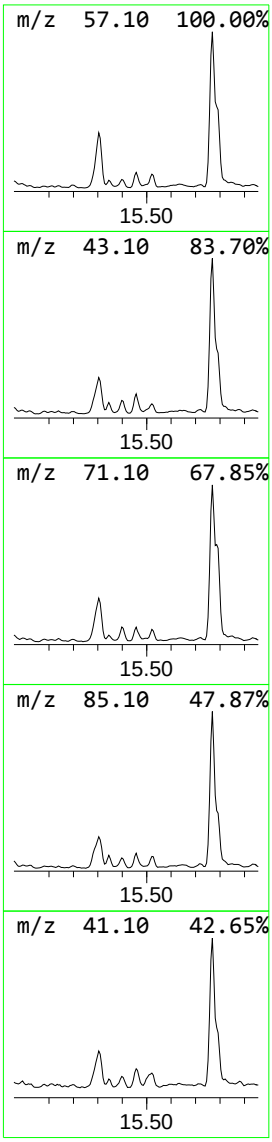
****

Peak Number 9 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	7.95 ng	922430	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-Methyltetracosane	352	C25H52	001560-78-7	91
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	87
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

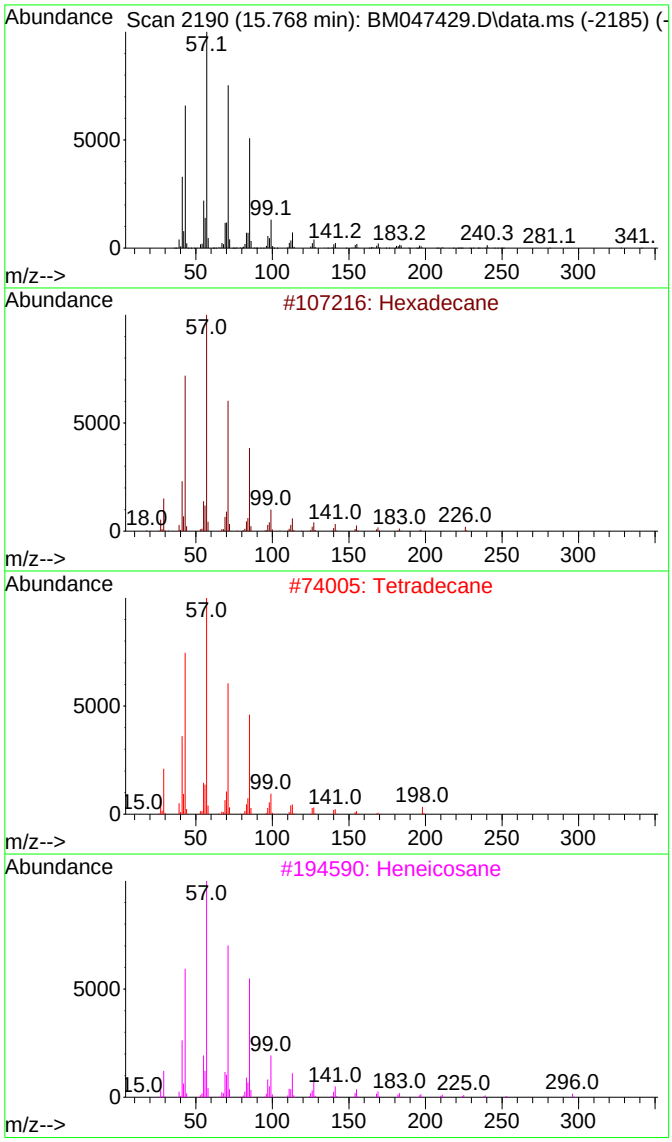
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

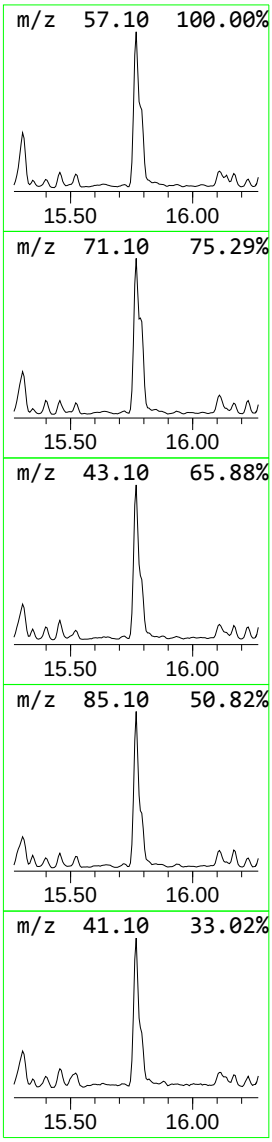
****

Peak Number 10 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	76.32 ng	8851640	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

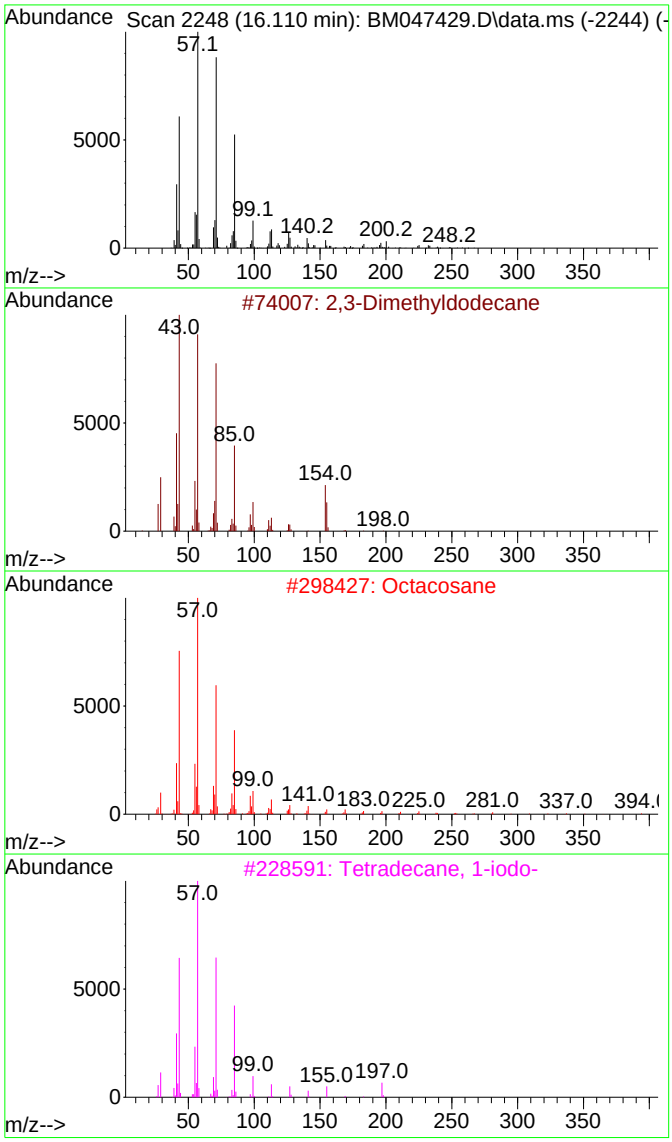
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

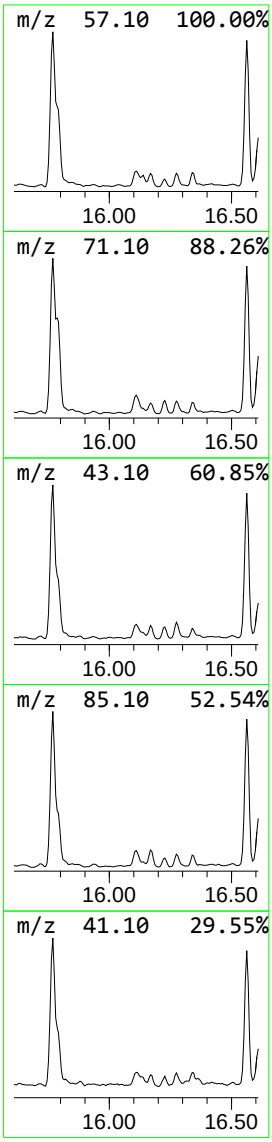
****

Peak Number 11 2,3-Dimethyldodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	6.90 ng	799971	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyldodecane	198	C14H30	006117-98-2	80
2	Octacosane	394	C28H58	000630-02-4	80
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

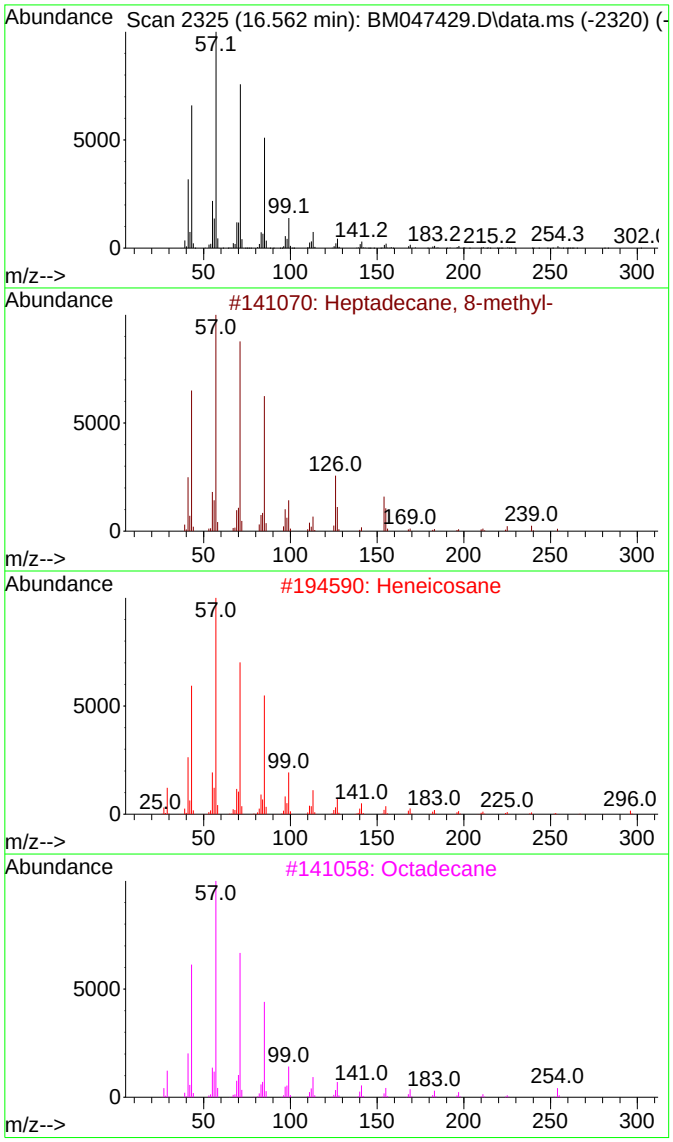
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

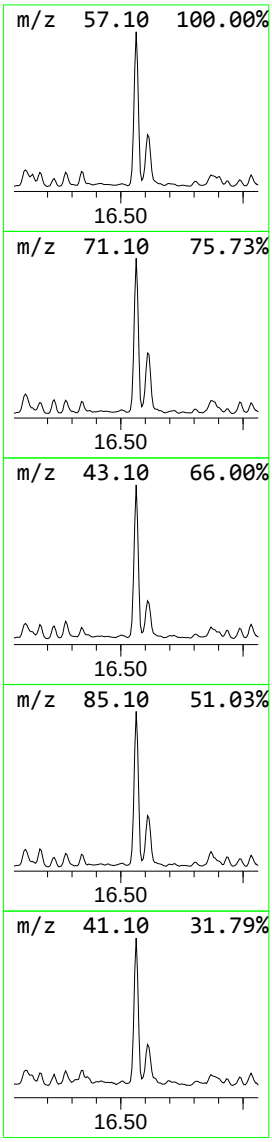
****

Peak Number 12 Heptadecane, 8-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	45.67 ng	5297040	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

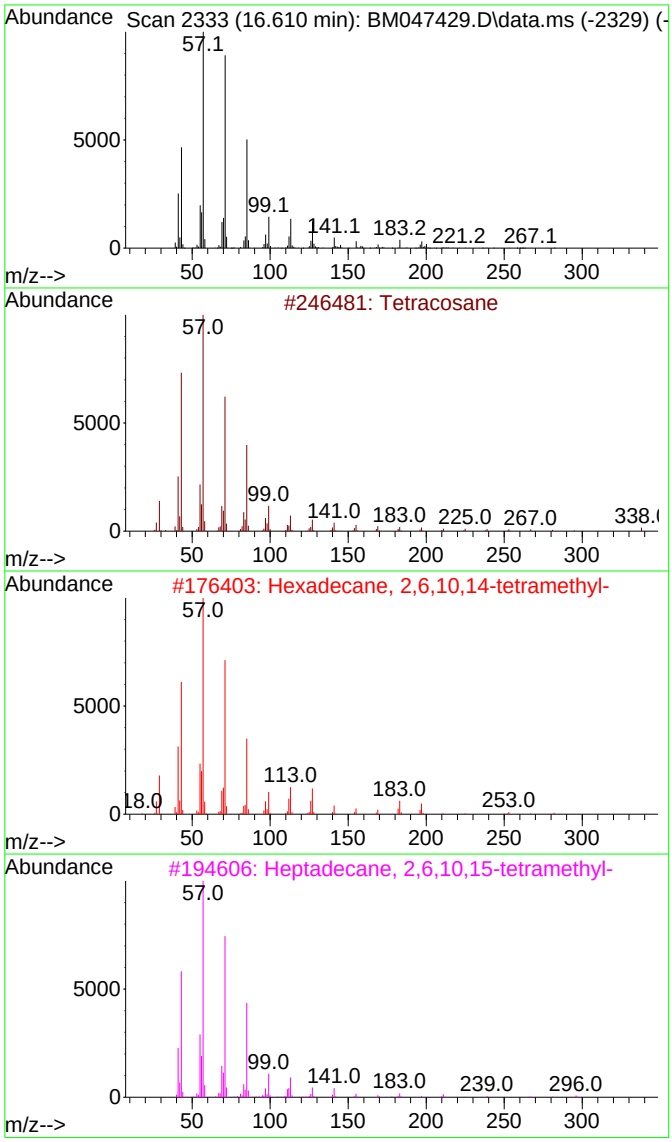
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

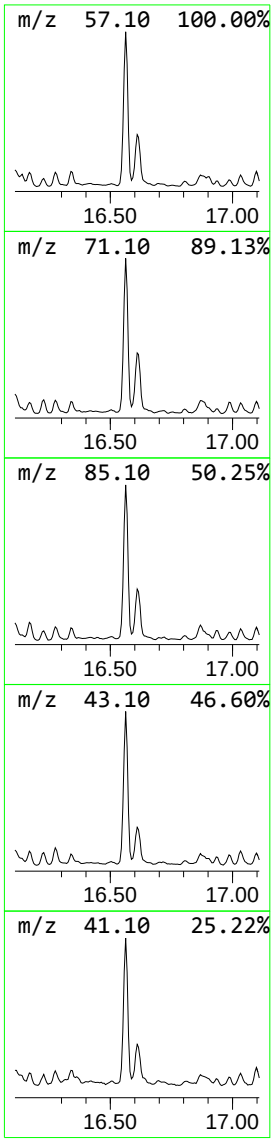
****

Peak Number 13 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	20.54 ng	2381680	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tritetracontane	605	C43H88	007098-21-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

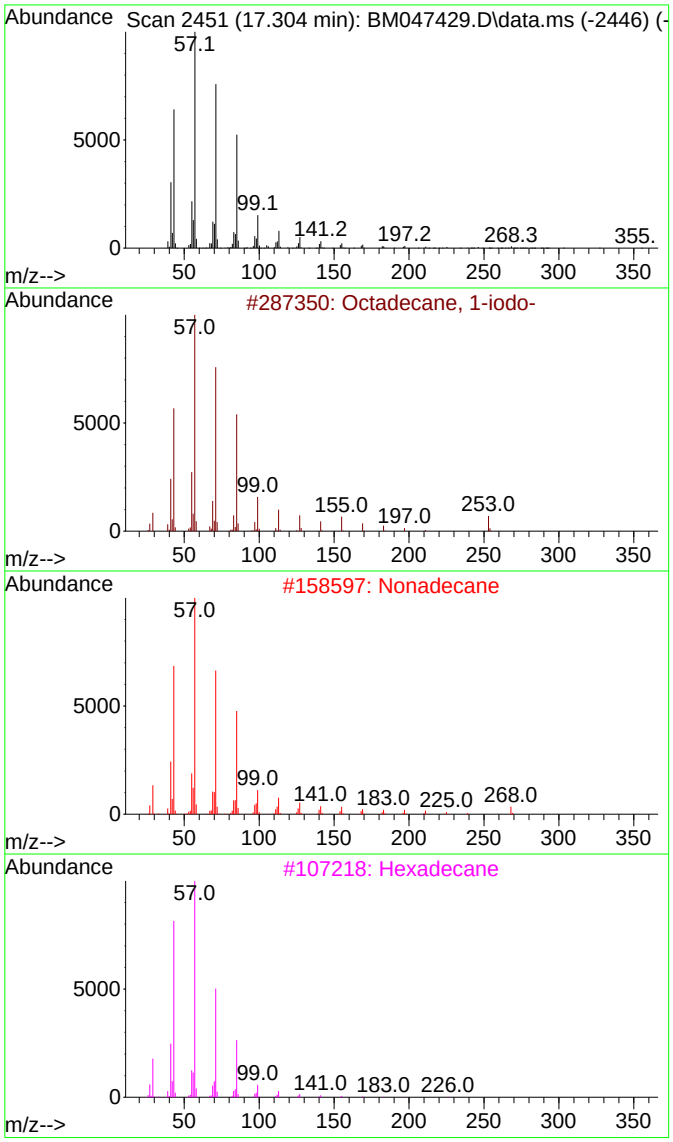
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

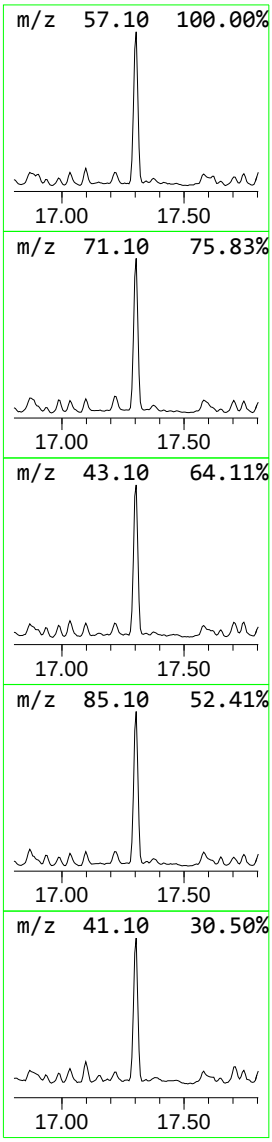
****

Peak Number 14 Octadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	40.57 ng	4704790	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

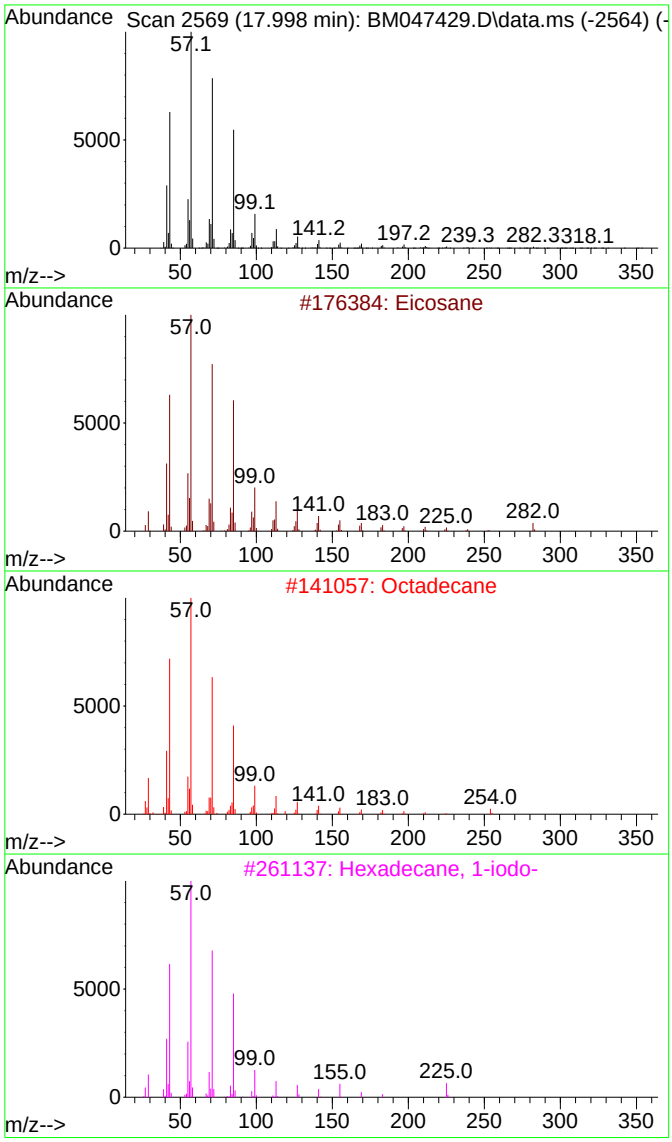
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

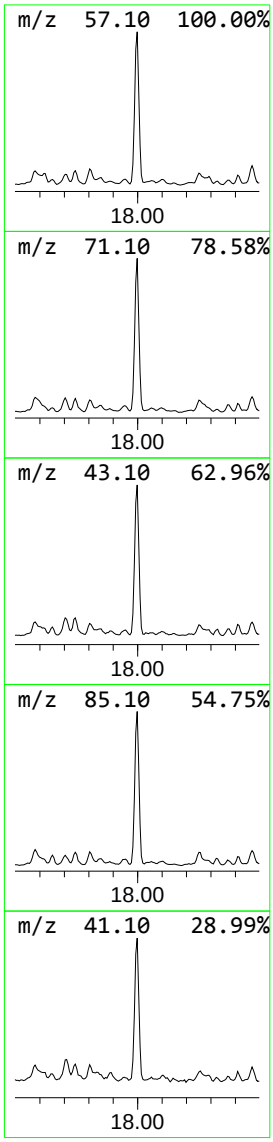
****

Peak Number 15 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	34.62 ng	4015410	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

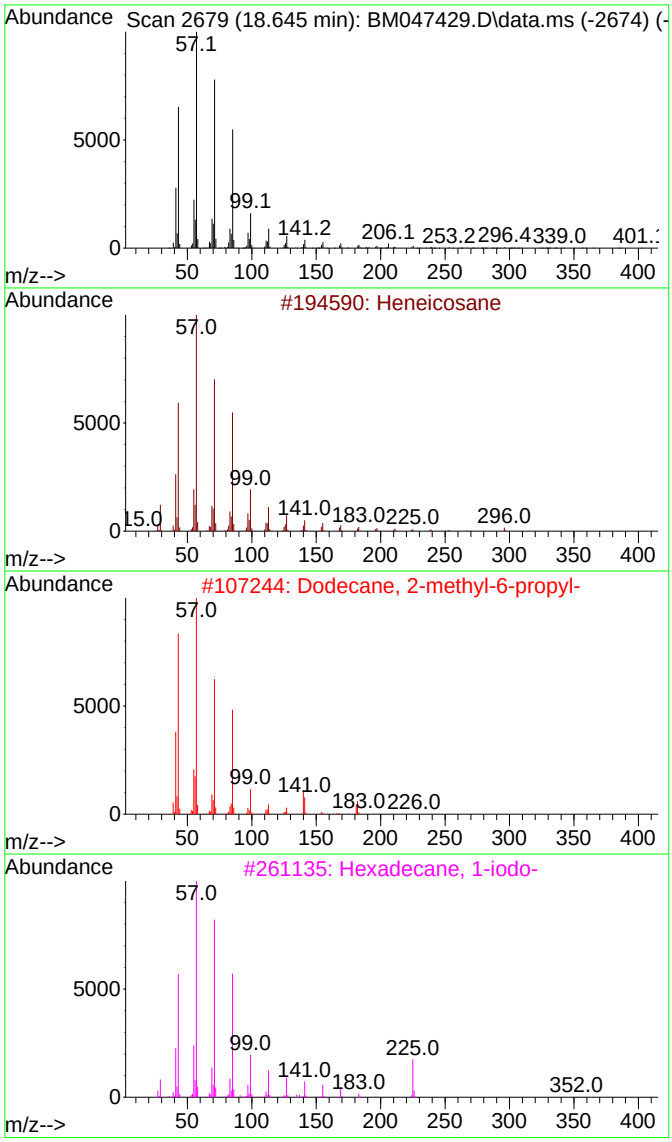
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

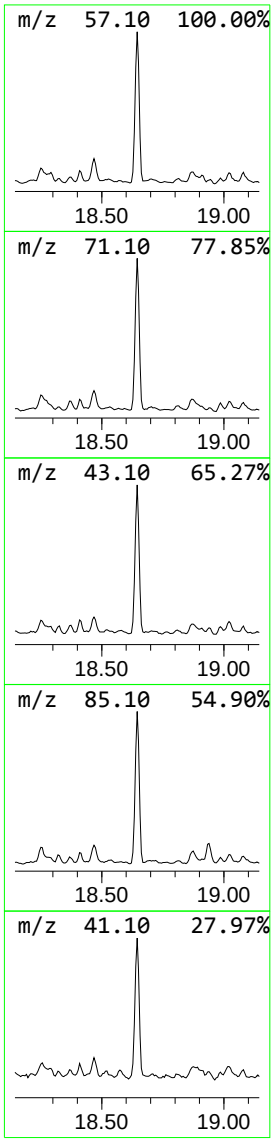
****

Peak Number 16 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	28.00 ng	3247400	Phenanthrene-d10	16.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octadecane	254	C18H38	000593-45-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

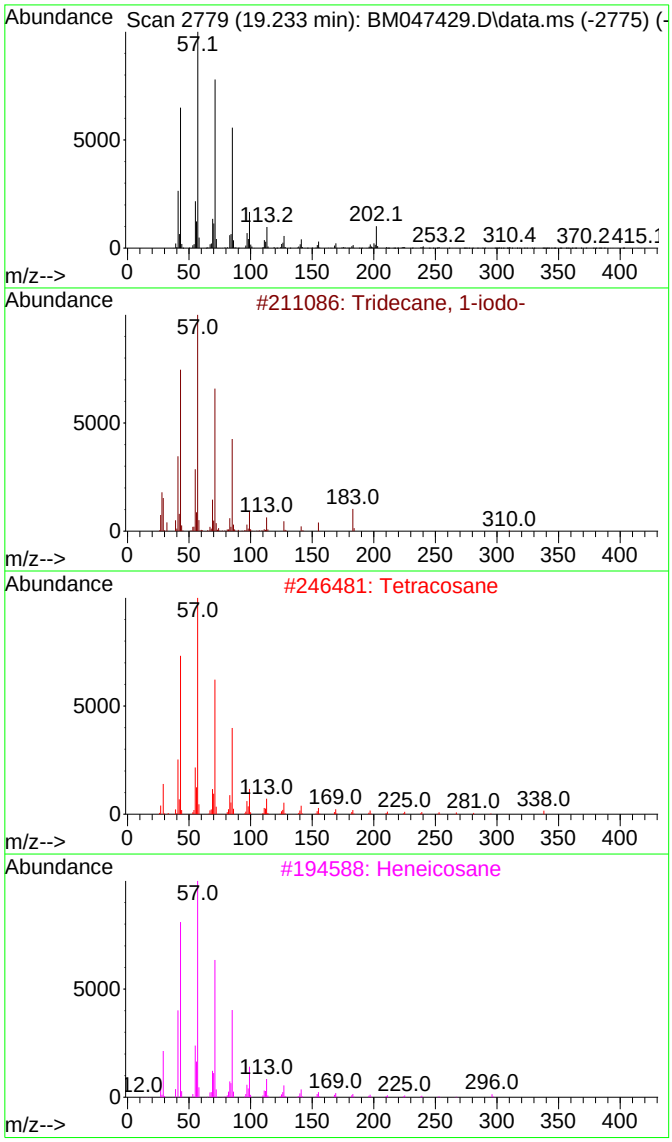
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

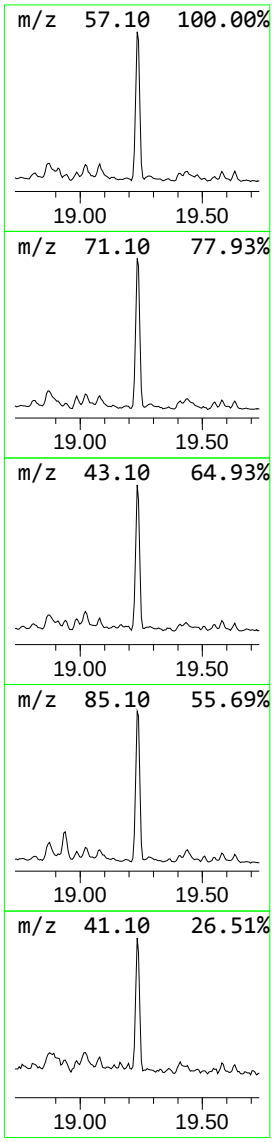
****

Peak Number 17 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	19.88 ng	2222180	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	9-Methylheneicosane	310	C22H46	070475-51-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

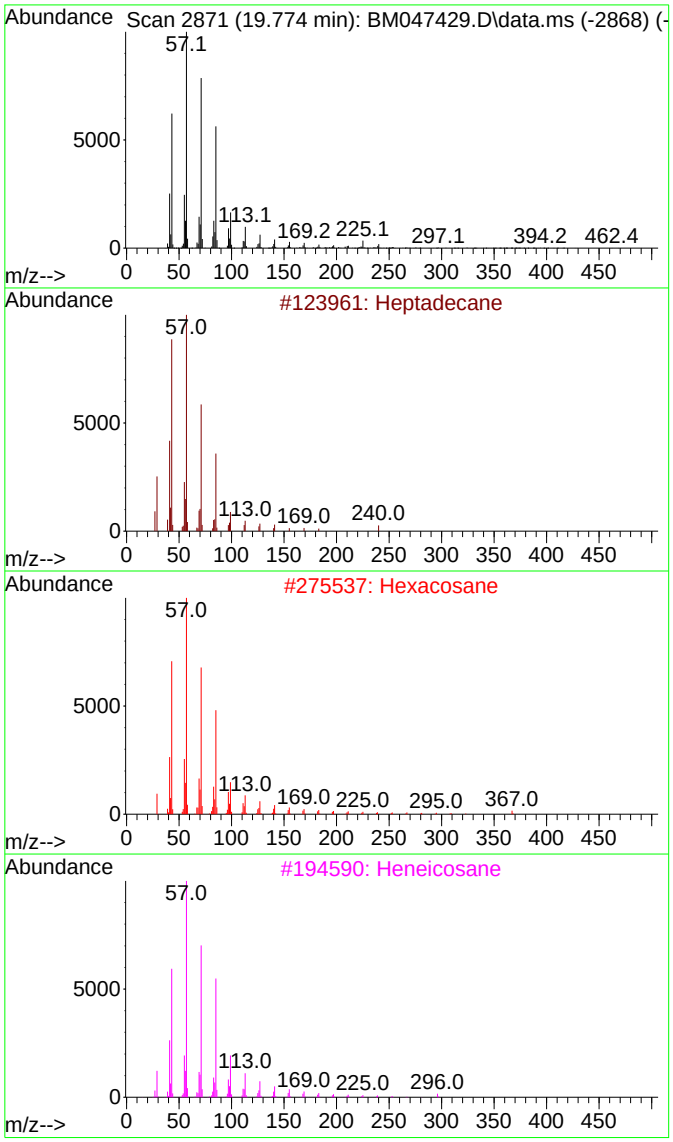
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

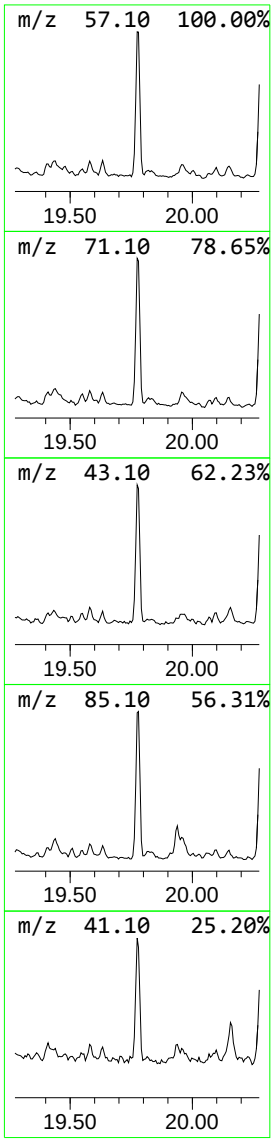
****

Peak Number 18 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.774	11.72 ng	1309560	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

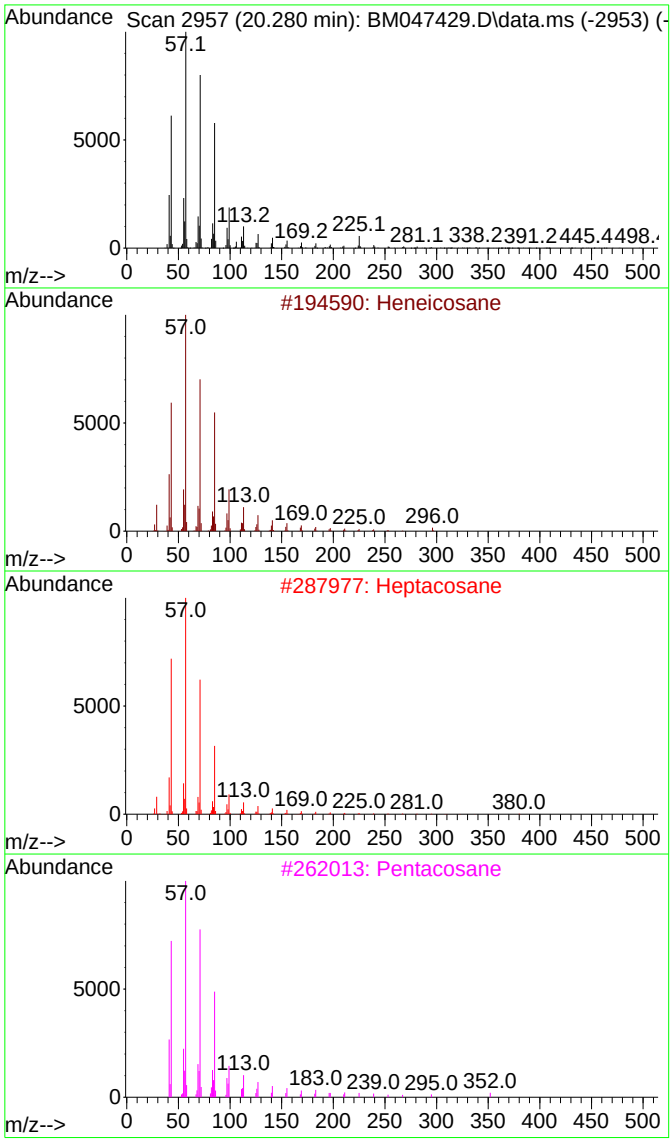
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

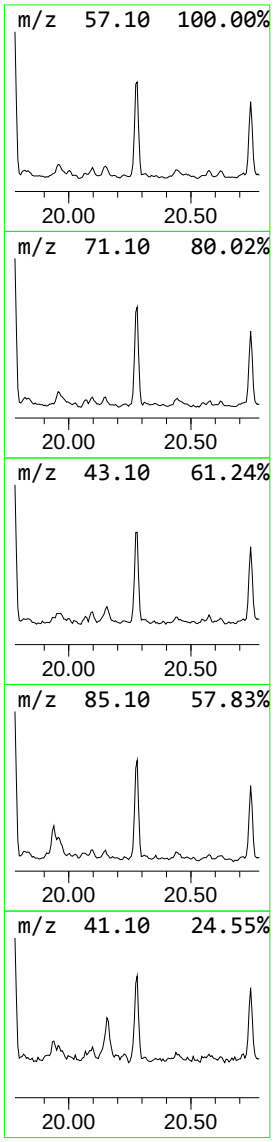
****

Peak Number 19 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.280	7.95 ng	888376	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

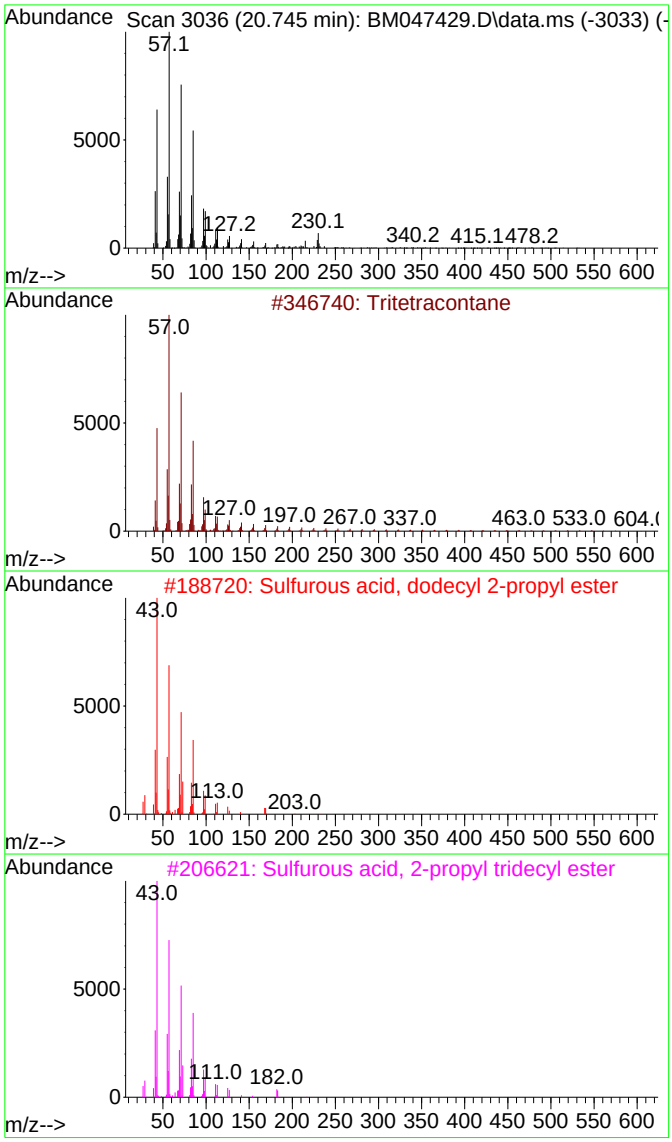
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

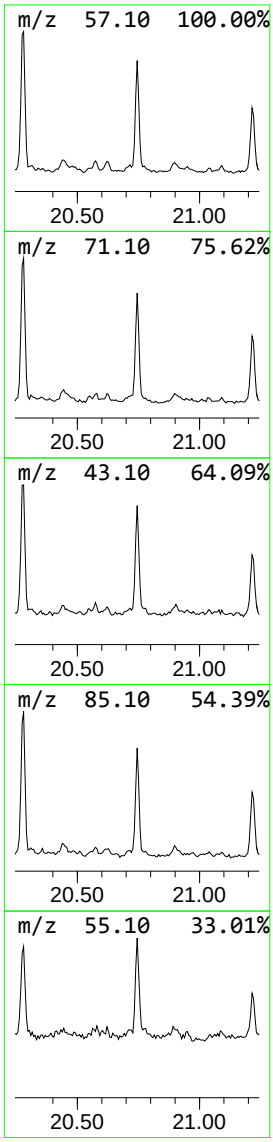
****

Peak Number 20 Tritetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	7.11 ng	794630	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Hentriacontane, 3-methyl-	451	C32H66	004981-99-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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
Tridecane	11.545	9.2	ng	973257	2	10.098	2123330	20.0
Pentadecane	12.833	14.3	ng	2019600	3	14.010	2822210	20.0
Carbonic acid, ...	13.504	16.3	ng	2298500	3	14.010	2822210	20.0
Heptadecane	13.933	25.3	ng	3574370	3	14.010	2822210	20.0
Octacosane, 2-m...	14.557	10.0	ng	1405610	3	14.010	2822210	20.0
Tridecane, 3-me...	14.627	6.4	ng	908386	3	14.010	2822210	20.0
Hexadecane	14.898	33.5	ng	4729430	3	14.010	2822210	20.0
Pentadecane, 2,...	15.304	18.3	ng	2575880	3	14.010	2822210	20.0
Tetratetracontane	15.457	8.0	ng	922430	4	16.780	2319480	20.0
Tetradecane	15.768	76.3	ng	8851640	4	16.780	2319480	20.0
2,3-Dimethyldod...	16.110	6.9	ng	799971	4	16.780	2319480	20.0
Heptadecane, 8-...	16.563	45.7	ng	5297040	4	16.780	2319480	20.0
Tetracosane	16.610	20.5	ng	2381680	4	16.780	2319480	20.0
Octadecane, 1-i...	17.304	40.6	ng	4704790	4	16.780	2319480	20.0
Eicosane	17.998	34.6	ng	4015410	4	16.780	2319480	20.0
Heneicosane	18.645	28.0	ng	3247400	4	16.780	2319480	20.0
Tridecane, 1-iodo-	19.233	19.9	ng	2222180	5	21.021	2235500	20.0
Hexacosane	19.774	11.7	ng	1309560	5	21.021	2235500	20.0
Heptacosane	20.280	8.0	ng	888376	5	21.021	2235500	20.0
Tritetracontane	20.745	7.1	ng	794630	5	21.021	2235500	20.0