LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064248.D
Acq On : 2 Sep 2025 16:47
Operator : RC/JU
Sample : Q2998-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-082925

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_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064248.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.988	317	323	328	rBV2	19177	29878	3.25%	0.370%
2	5.447	394	401	409	rBV	129608	209911	22.87%	2.597%
3	7.027	661	670	678	rBV	142539	243064	26.48%	3.007%
4	7.862	805	812	820	rVB	184361	312349	34.02%	3.865%
5	9.007	1001	1007	1014	rVB	90909	151830	16.54%	1.879%
6	9.095	1018	1022	1026	rVB5	6266	9352	1.02%	0.116%
7	9.842	1144	1149	1152	rBV5	9471	17180	1.87%	0.213%
8	10.647	1277	1286	1293	rBV	254222	467217	50.89%	5.781%
9	11.357	1403	1407	1410	rVB5	6643	10998	1.20%	0.136%
10	11.681	1459	1462	1470	rBV7	8345	18310	1.99%	0.227%
11	11.839	1480	1489	1494	rBV9	8292	18814	2.05%	0.233%
12	11.945	1501	1507	1510	rBV8	5078	9664	1.05%	0.120%
13	12.080	1525	1530	1534	rBV4	17282	30589	3.33%	0.378%
14	12.303	1565	1568	1576	rVB5	18729	32075	3.49%	0.397%
15	12.521	1600	1605	1607	rBV6	9710	13416	1.46%	0.166%
16	12.562	1609	1612	1616	rVB5	9839	14336	1.56%	0.177%
17	12.703	1632	1636	1640	rBV7	5939	12208	1.33%	0.151%
18	12.926	1672	1674	1680	rVB7	6960	10140	1.10%	0.125%
19	12.991	1680	1685	1688	rBV7	5905	12503	1.36%	0.155%
20	13.032	1689	1692	1697	rVB4	18548	24859	2.71%	0.308%
21	13.108	1697	1705	1709	rBV	241529	387301	42.19%	4.792%
22	13.273	1730	1733	1736	rBV5	8131	12500	1.36%	0.155%
23	13.320	1736	1741	1748	rVB3	25545	46089	5.02%	0.570%
24	13.643	1793	1796	1798	rBV4	12314	15164	1.65%	0.188%
25	13.766	1814	1817	1820	rBV5	8704	11282	1.23%	0.140%
26	13.802	1820	1823	1827	rVB4	14410	20604	2.24%	0.255%
27	13.860	1827	1833	1837	rVB8	13607	22251	2.42%	0.275%
28	13.913	1837	1842	1845	rBV6	20396	31749	3.46%	0.393%
29	13.984	1850	1854	1856	rBV4	14070	18423	2.01%	0.228%
30	14.142	1877	1881	1885	rVB7	9627	17918	1.95%	0.222%
31	14.207	1887	1892	1893	rBV5	9144	13563	1.48%	0.168%
32	14.319	1909	1911	1918	rVB8	16024	26033	2.84%	0.322%
33	14.395	1918	1924	1928	rBV	31321	43350	4.72%	0.536%
34	14.483	1931	1939	1945	rVV	382646	606450	66.06%	7.503%
35	14.548	1947	1950	1953	rVB4	15062	20237	2.20%	0.250%
36	14.883	2003	2007	2014	rVB3	23791	45585	4.97%	0.564%

LSC Area Percent Report

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Acq On : 2 Sep 2025 16:47
Operator : RC/JU
Sample : Q2998-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-082925

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_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.959	2016	2020	2026	rVB9	10011	17683	1.93%	0.219%
38	15.012	2026	2029	2037	rVB9	11944	26973	2.94%	0.334%
39	15.147	2049	2052	2058	rVB8	15498	25006	2.72%	0.309%
40	15.218	2059	2064	2066	rBV6	9273	15485	1.69%	0.192%
41	15.276	2071	2074	2078	rVV6	10910	18471	2.01%	0.229%
42	15.341	2082	2085	2091	rVB	29085	40354	4.40%	0.499%
43	15.529	2113	2117	2121	rVB3	24228	29291	3.19%	0.362%
44	15.746	2151	2154	2160	rVB4	24156	36944	4.02%	0.457%
45	15.840	2166	2170	2177	rVB2	43103	67663	7.37%	0.837%
46	15.905	2177	2181	2184	rBV5	12106	19433	2.12%	0.240%
47	15.970	2186	2192	2201	rVB	185913	291269	31.73%	3.604%
48	16.046	2201	2205	2207	rBV4	10841	15506	1.69%	0.192%
49	16.140	2217	2221	2223	rBV5	8724	15309	1.67%	0.189%
50	16.205	2228	2232	2234	rBV	50190	67259	7.33%	0.832%
51	16.587	2293	2297	2299	rBV4	11454	16771	1.83%	0.208%
52	16.875	2343	2346	2353	rVB5	17284	29256	3.19%	0.362%
53	16.992	2363	2366	2371	rVV	34785	44313	4.83%	0.548%
54	17.051	2372	2376	2385	rVB4	42430	79347	8.64%	0.982%
55	17.227	2400	2406	2409	rBV2	407378	639417	69.65%	7.911%
56	17.268	2409	2413	2418	rVB	197999	289021	31.48%	3.576%
57	17.350	2425	2427	2432	rVB	31838	43666	4.76%	0.540%
58	17.621	2471	2473	2476	rBV2	14481	20484	2.23%	0.253%
59	17.732	2489	2492	2498	rVB3	41243	59351	6.47%	0.734%
60	18.126	2556	2559	2570	rVB4	58469	146522	15.96%	1.813%
61	18.291	2584	2587	2592	rVB5	30545	46984	5.12%	0.581%
62	18.426	2607	2610	2613	rBV	28290	25686	2.80%	0.318%
63	18.596	2636	2639	2643	rBV3	17405	28429	3.10%	0.352%
64	19.148	2731	2733	2737	rBV4	24627	30439	3.32%	0.377%
65	19.278	2750	2755	2763	rVB	422302	583741	63.59%	7.222%
66	19.636	2812	2816	2823	rVB	357341	508545	55.40%	6.292%
67	19.842	2847	2851	2856	rVB	379777	449286	48.94%	5.559%
68	21.452	3119	3125	3130	rBV2	456163	918008	100.00%	11.358%
69	24.472	3635	3639	3648	rVB4	198512	449206	48.93%	5.558%

Sum of corrected areas: 8082310

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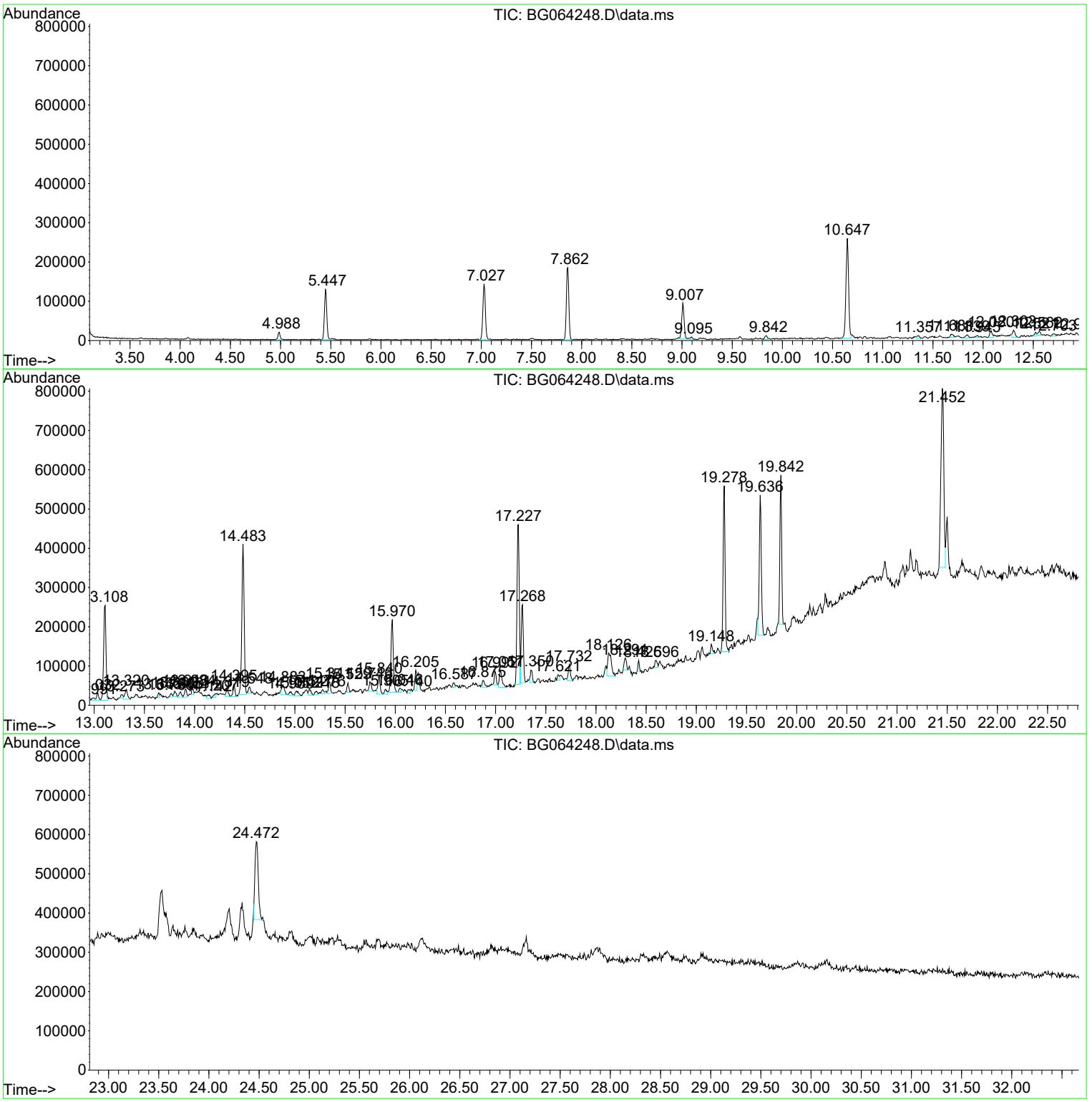
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-082925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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_G\Data\BG090225\
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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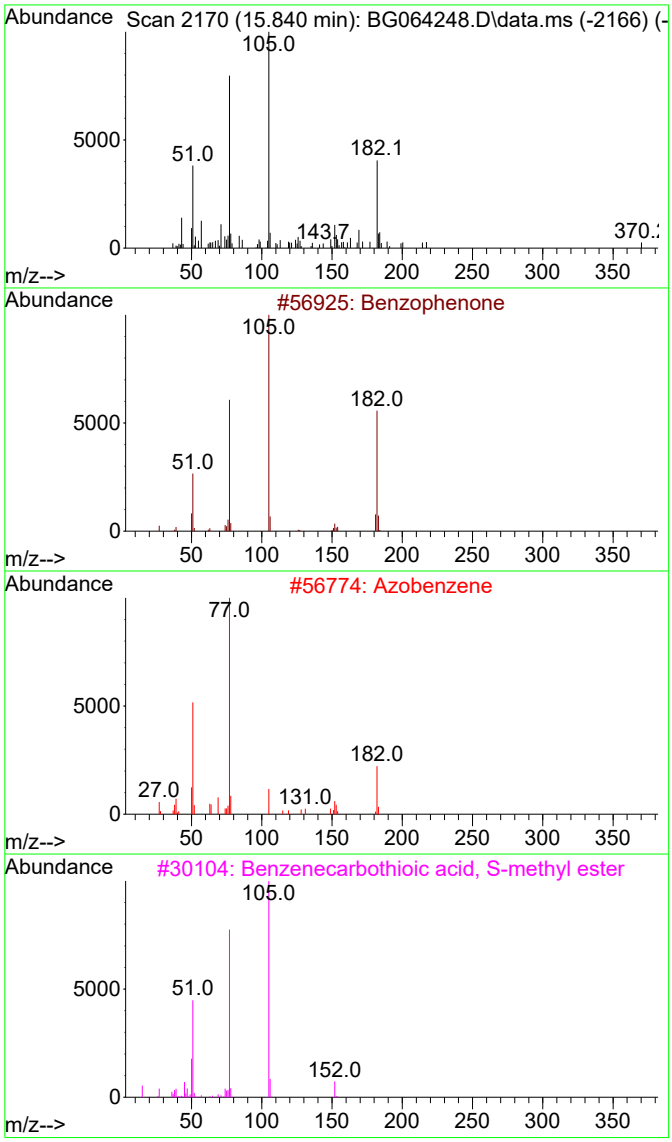
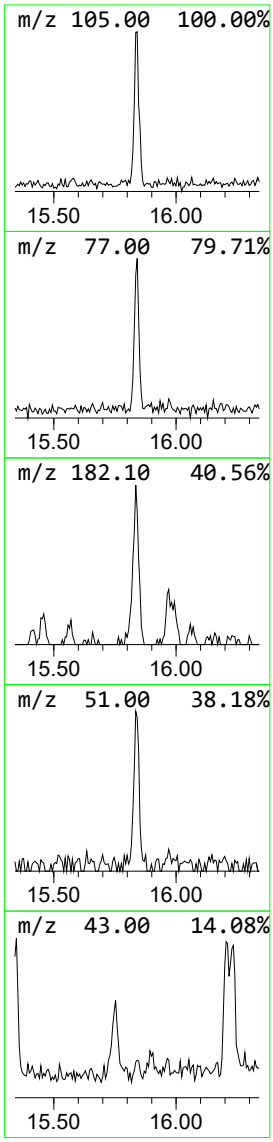
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.841	2.23 ng	67663	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	90
2	Azobenzene	182	C12H10N2	000103-33-3	83
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
4	N-(1H-Tetrazol-5-yl)benzamide	189	C8H7N5O	004847-62-5	52
5	Benzoylformic acid	150	C8H6O3	000611-73-4	52





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BNA_G
ClientSampleId :
AU-05-082925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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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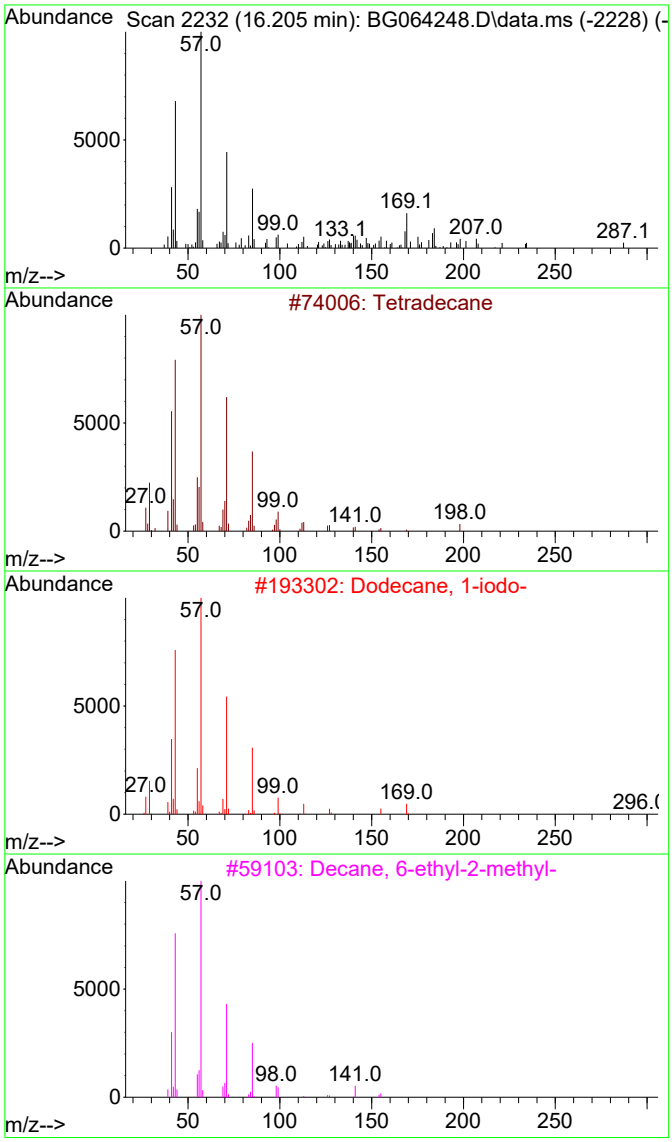
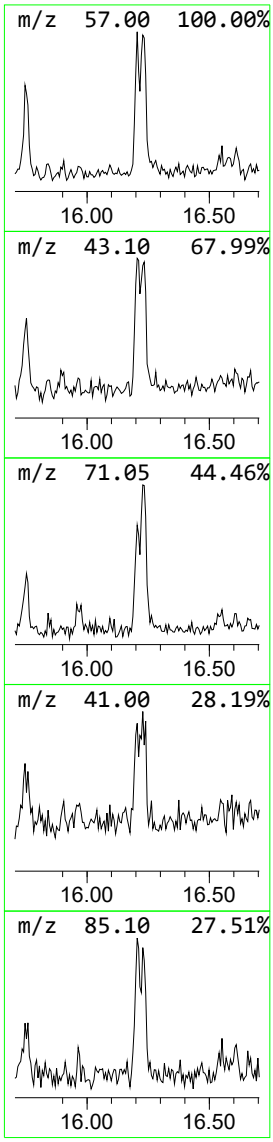
Peak Number 2 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.205	2.10 ng	67259	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	52
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	47





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Data File : BG064248.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-082925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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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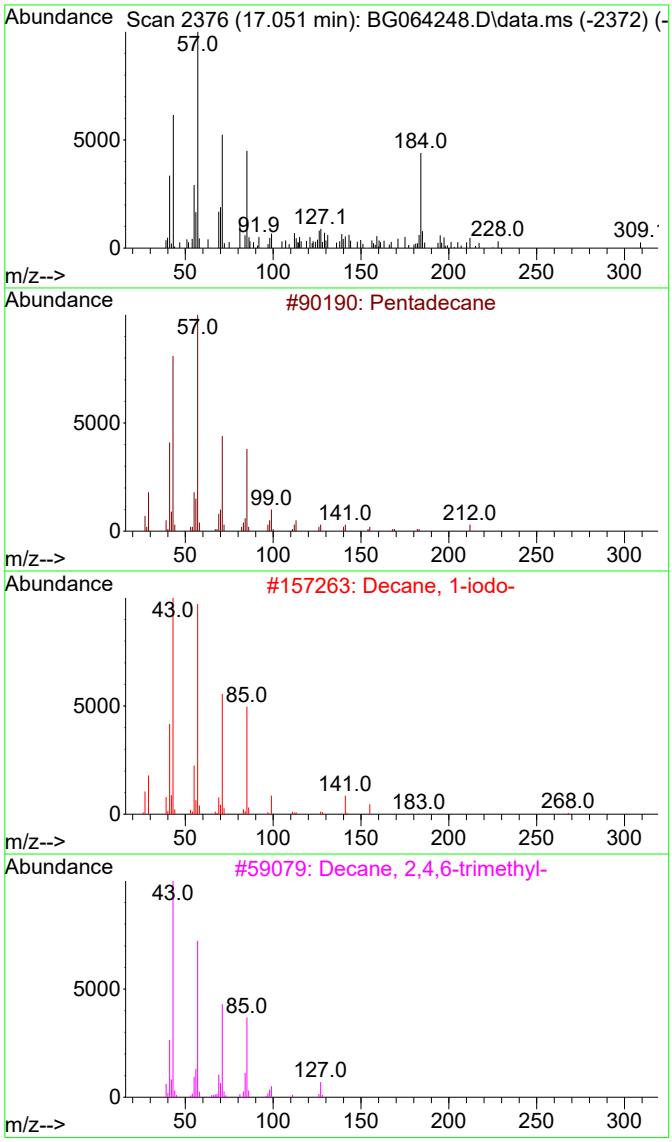
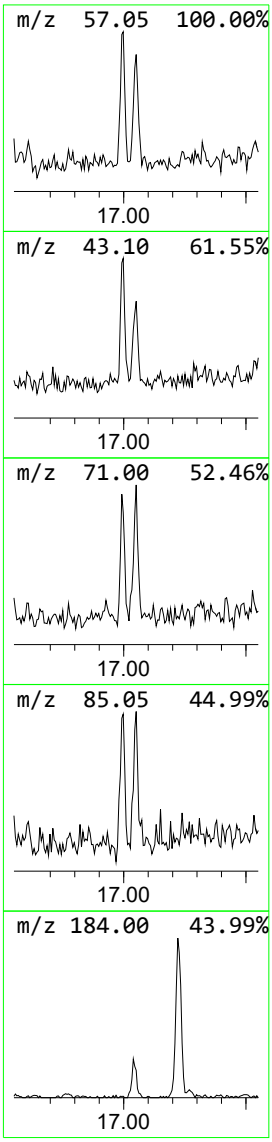
Peak Number 3 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	2.48 ng	79347	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	47
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	47
4	Tritetracontane	605	C43H88	007098-21-7	47
5	Tetradecane	198	C14H30	000629-59-4	47





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-082925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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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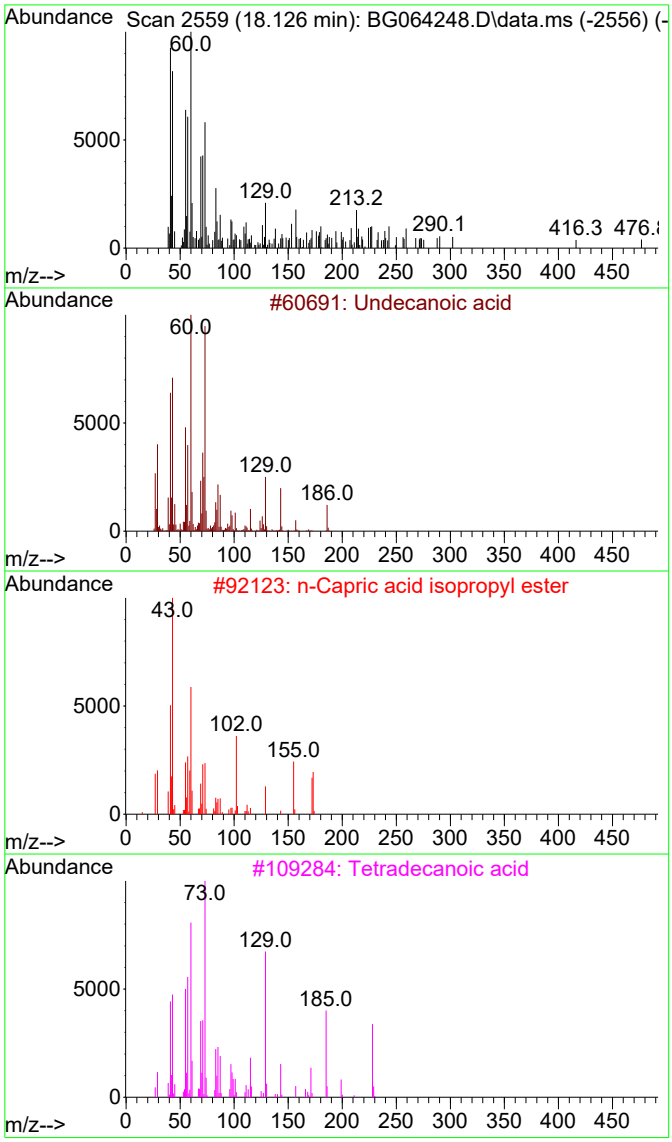
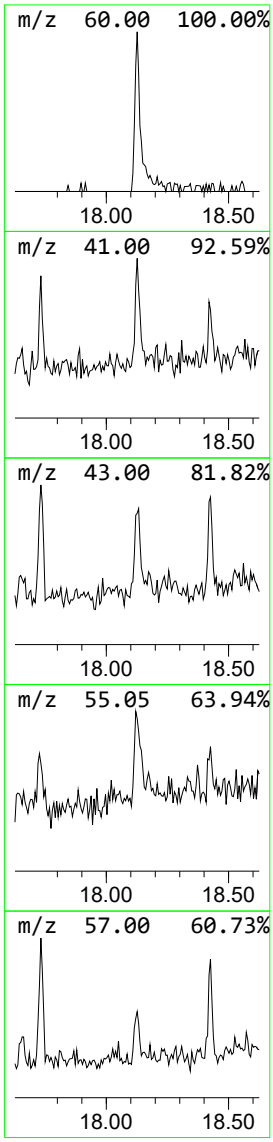
Peak Number 4 Undecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.126	4.58 ng	146522	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	74
2	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
Benzophenone	15.841	2.2	ng	67663	3	14.483	606450	20.0
Tetradecane	16.205	2.1	ng	67259	4	17.227	639417	20.0
Pentadecane	17.051	2.5	ng	79347	4	17.227	639417	20.0
Undecanoic acid	18.126	4.6	ng	146522	4	17.227	639417	20.0