LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	14	19	28	rBV5	13094	33416	4.39%	0.248%
2	3.281	28	33	46	rVB	103652	206037	27.07%	1.528%
3	4.339	204	213	222	rVB	14207	25470	3.35%	0.189%
4	5.743	446	452	462	rBV	157981	268147	35.23%	1.989%
5	7.347	714	725	736	rBV	166149	286150	37.59%	2.123%
6	8.217	866	873	880	rBV2	177486	315300	41.42%	2.339%
7	8.769	960	967	974	rBV7	8768	23757	3.12%	0.176%
8	8.869	980	984	990	rBV6	9687	21134	2.78%	0.157%
9	9.380	1055	1071	1077	rBV2	93561	221327	29.08%	1.642%
10	9.456	1077	1084	1089	rVB2	28500	56145	7.38%	0.417%
11	9.597	1104	1108	1114	rVB5	17440	35470	4.66%	0.263%
12	9.803	1135	1143	1149	rBV8	7229	19688	2.59%	0.146%
13	9.879	1149	1156	1160	rVV5	9128	21064	2.77%	0.156%
14	9.968	1167	1171	1176	rVB4	16353	28169	3.70%	0.209%
15	10.120	1189	1197	1201	rBV8	10685	26481	3.48%	0.196%
16	10.173	1201	1206	1210	rVB3	15260	22789	2.99%	0.169%
17	10.232	1210	1216	1222	rBV6	23133	44470	5.84%	0.330%
18	10.391	1237	1243	1247	rBV3	18817	31553	4.15%	0.234%
19	10.438	1247	1251	1255	rBV2	20156	36251	4.76%	0.269%
20	10.502	1260	1262	1268	rVB2	14054	18890	2.48%	0.140%
21	10.573	1268	1274	1278	rBV4	12898	22796	2.99%	0.169%
22	10.678	1287	1292	1297	rVB2	20522	38666	5.08%	0.287%
23	10.743	1297	1303	1307	rBV3	12362	24325	3.20%	0.180%
24	10.825	1313	1317	1323	rBV6	11393	23818	3.13%	0.177%
25	11.043	1343	1354	1370	rVV2	246091	604190	79.38%	4.482%
26	11.160	1371	1374	1377	rVV4	13107	22810	3.00%	0.169%
27	11.201	1377	1381	1387	rVB3	35569	63421	8.33%	0.470%
28	11.266	1387	1392	1396	rBV7	16897	31904	4.19%	0.237%
29	11.519	1430	1435	1438	rBV4	18439	33526	4.40%	0.249%
30	11.707	1464	1467	1470	rBV4	13977	22649	2.98%	0.168%
31	11.748	1470	1474	1481	rVB6	32515	67143	8.82%	0.498%
32	11.818	1481	1486	1491	rVB7	15037	29645	3.89%	0.220%
33	11.883	1491	1497	1503	rBV5	34218	59400	7.80%	0.441%
34	11.953	1503	1509	1516	rBV5	39453	84830	11.14%	0.629%
35	12.059	1522	1527	1531	rBV	46726	77129	10.13%	0.572%
36	12.141	1538	1541	1547	rVB3	20249	36517	4.80%	0.271%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.224	1549	1555	1564	rBV3	55532	114026	14.98%	0.846%
38	12.447	1588	1593	1599	rVV	119324	184480	24.24%	1.369%
39	12.582	1609	1616	1620	rVV6	29725	62165	8.17%	0.461%
40	12.664	1624	1630	1637	rVB5	29686	78957	10.37%	0.586%
41	12.935	1671	1676	1680	rVB2	57473	89997	11.82%	0.668%
42	13.070	1696	1699	1703	rVB3	27057	36542	4.80%	0.271%
43	13.181	1715	1718	1721	rBV4	20150	27029	3.55%	0.201%
44	13.246	1725	1729	1736	rVB4	40546	66307	8.71%	0.492%
45	13.334	1740	1744	1749	rBV3	27290	53862	7.08%	0.400%
46	13.387	1749	1753	1760	rVB2	81066	133642	17.56%	0.991%
47	13.469	1760	1767	1774	rBV	253673	404965	53.20%	3.004%
48	13.563	1778	1783	1787	rBV6	18147	32731	4.30%	0.243%
49	13.669	1795	1801	1808	rBV	221066	345235	45.36%	2.561%
50	13.787	1814	1821	1826	rVV3	39678	85217	11.20%	0.632%
51	13.834	1826	1829	1834	rVB4	28636	43960	5.78%	0.326%
52	14.004	1855	1858	1863	rVB7	22265	33279	4.37%	0.247%
53	14.133	1874	1880	1883	rBV7	28129	64777	8.51%	0.481%
54	14.298	1905	1908	1909	rBV3	33158	34006	4.47%	0.252%
55	14.321	1909	1912	1916	rVV	86126	127490	16.75%	0.946%
56	14.362	1916	1919	1923	rVB3	51701	67331	8.85%	0.499%
57	14.680	1971	1973	1977	rVB4	22228	29518	3.88%	0.219%
58	14.733	1977	1982	1988	rBV	316868	418424	54.97%	3.104%
59	14.838	1991	2000	2007	rVB	388571	685069	90.00%	5.082%
60	15.173	2054	2057	2058	rBV2	31988	34082	4.48%	0.253%
61	15.232	2064	2067	2073	rVB2	44323	63884	8.39%	0.474%
62	15.285	2074	2076	2081	rVB3	20468	23231	3.05%	0.172%
63	15.349	2083	2087	2094	rVB2	67694	125484	16.49%	0.931%
64	15.414	2095	2098	2101	rVB	26951	30096	3.95%	0.223%
65	15.455	2103	2105	2108	rBV4	14425	20249	2.66%	0.150%
66	15.679	2133	2143	2148	rBV	384452	518375	68.10%	3.846%
67	15.737	2149	2153	2157	rVV5	22752	39242	5.16%	0.291%
68	15.784	2157	2161	2169	rVB7	36507	78050	10.25%	0.579%
69	15.878	2172	2177	2179	rBV6	21008	35181	4.62%	0.261%
70	16.084	2202	2212	2217	rBV	148621	317296	41.69%	2.354%
71	16.178	2225	2228	2234	rVB2	66113	88525	11.63%	0.657%
72	16.231	2234	2237	2243	rBV3	36783	66547	8.74%	0.494%
73	16.313	2245	2251	2257	rVB2	166662	291275	38.27%	2.161%
74	16.384	2260	2263	2268	rBV7	14353	31955	4.20%	0.237%
75	16.536	2284	2289	2292	rBV	373406	510285	67.04%	3.786%
76	16.566	2292	2294	2302	rVB	170847	214031	28.12%	1.588%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.877	2344	2347	2351	rBV2	27901	42474	5.58%	0.315%
78	16.942	2355	2358	2364	rVB3	51110	71716	9.42%	0.532%
79	16.995	2364	2367	2370	rBV2	26625	34410	4.52%	0.255%
80	17.112	2384	2387	2390	rVB2	25202	29708	3.90%	0.220%
81	17.147	2390	2393	2397	rVB4	20575	23414	3.08%	0.174%
82	17.330	2419	2424	2428	rBV	310484	389805	51.21%	2.892%
83	17.382	2429	2433	2444	rVB	127394	232538	30.55%	1.725%
84	17.576	2460	2466	2472	rBV	433619	673225	88.45%	4.994%
85	17.805	2502	2505	2511	rVB	26271	37513	4.93%	0.278%
86	17.870	2512	2516	2523	rVB2	26612	46191	6.07%	0.343%
87	17.993	2533	2537	2542	rVV2	28386	48317	6.35%	0.358%
88	18.070	2545	2550	2556	rVB	263480	335336	44.06%	2.488%
89	18.452	2611	2615	2621	rBV7	35640	62492	8.21%	0.464%
90	18.751	2662	2666	2672	rBV	196796	242019	31.80%	1.795%
91	19.151	2732	2734	2737	rBV4	17790	19296	2.54%	0.143%
92	19.304	2757	2760	2764	rBV6	15613	24754	3.25%	0.184%
93	19.374	2768	2772	2778	rVB	147007	191400	25.15%	1.420%
94	19.709	2827	2829	2833	rBV4	24051	23598	3.10%	0.175%
95	19.944	2866	2869	2873	rBV	109419	140331	18.44%	1.041%
96	20.162	2902	2906	2911	rVB	364557	480188	63.09%	3.562%
97	20.473	2956	2959	2963	rVB	85139	93801	12.32%	0.696%
98	20.972	3041	3044	3048	rVB	55676	63362	8.32%	0.470%
99	21.848	3187	3193	3200	rBV	438188	761163	100.00%	5.647%
100	25.197	3755	3763	3772	rVB	256869	721380	94.77%	5.352%

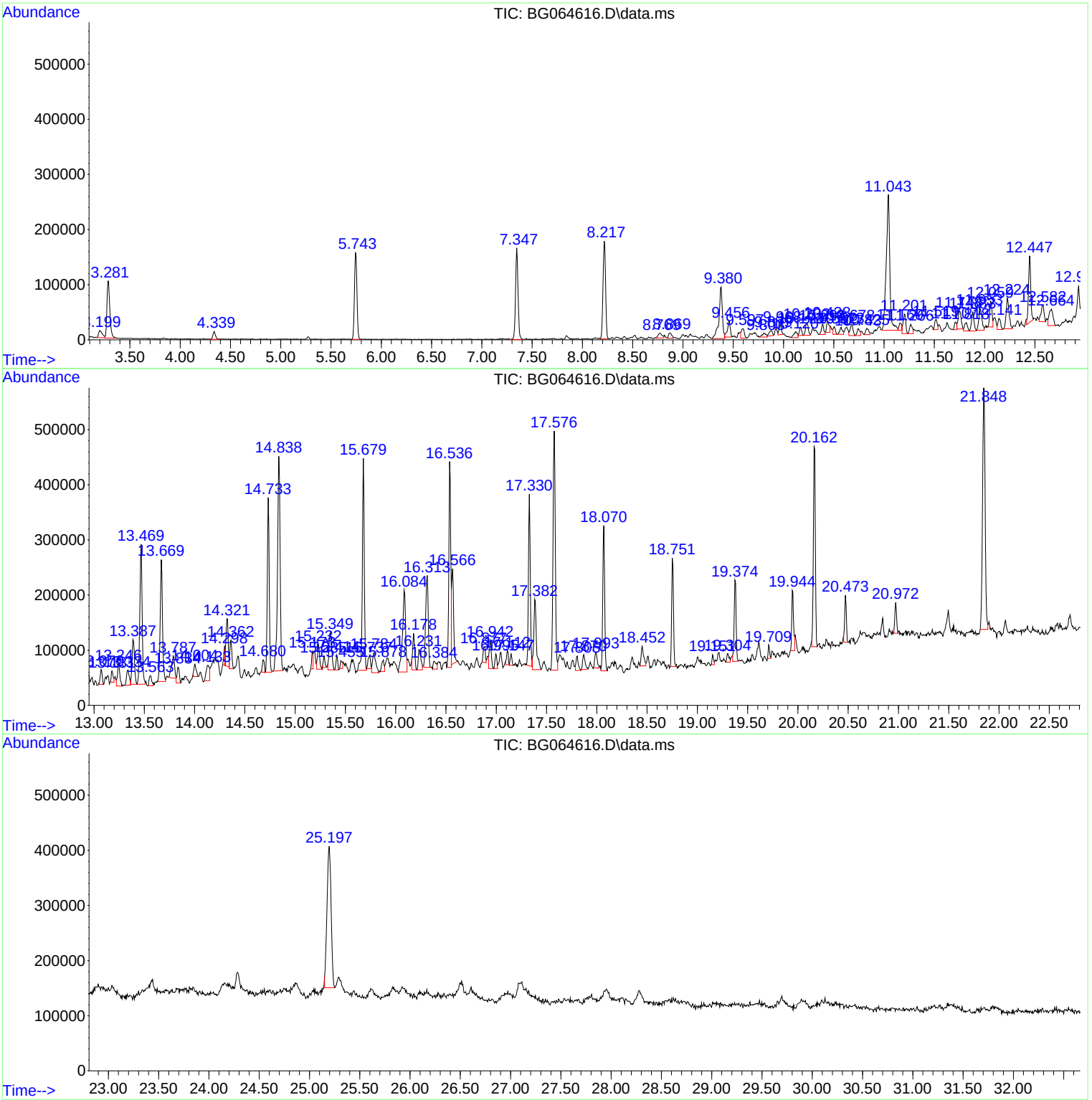
Sum of corrected areas: 13479705

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

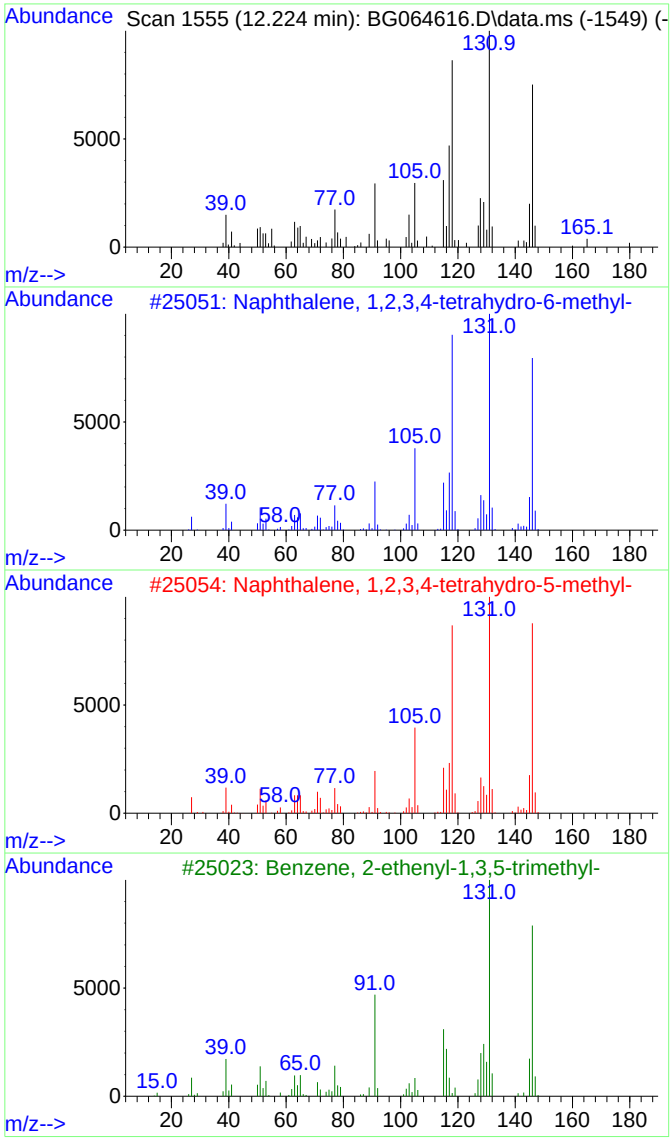
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

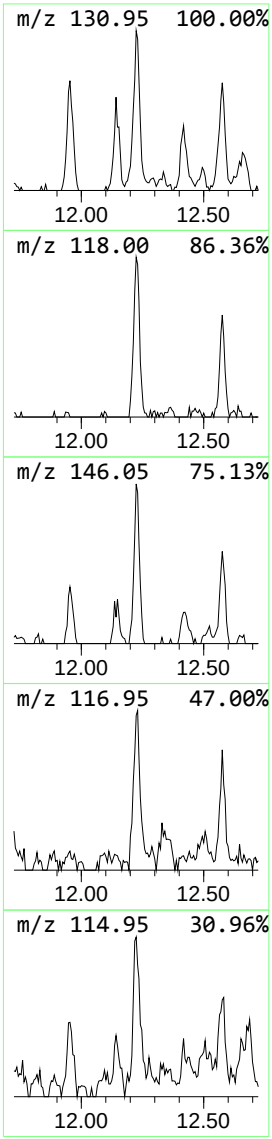
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.224	3.77 ng	114026	Naphthalene-d8	11.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

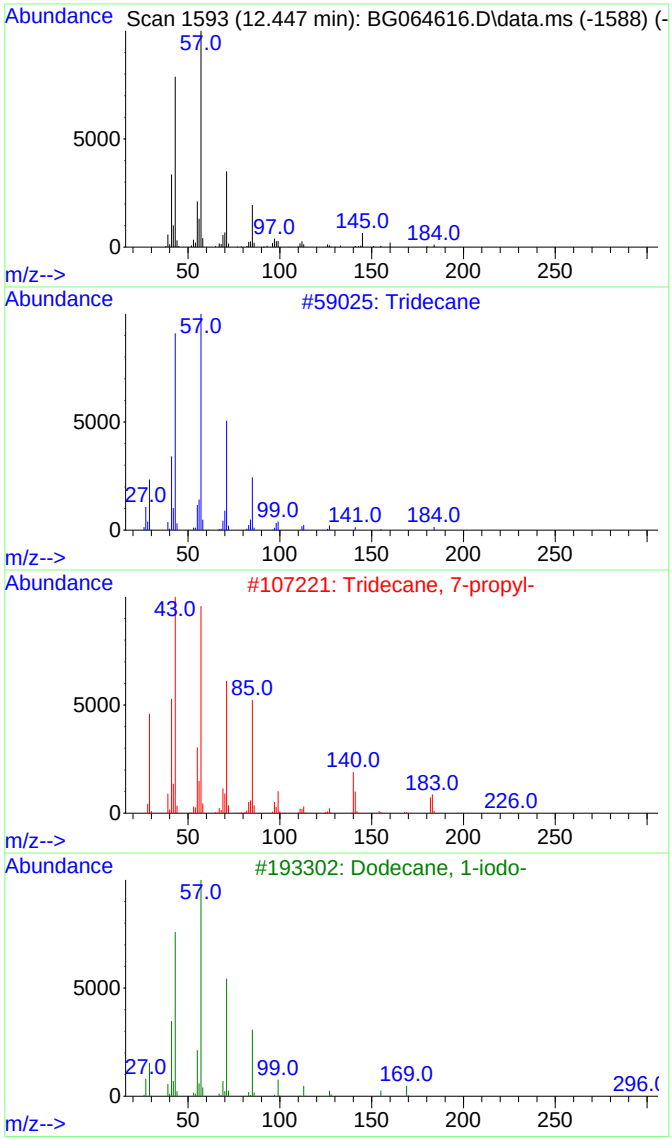
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

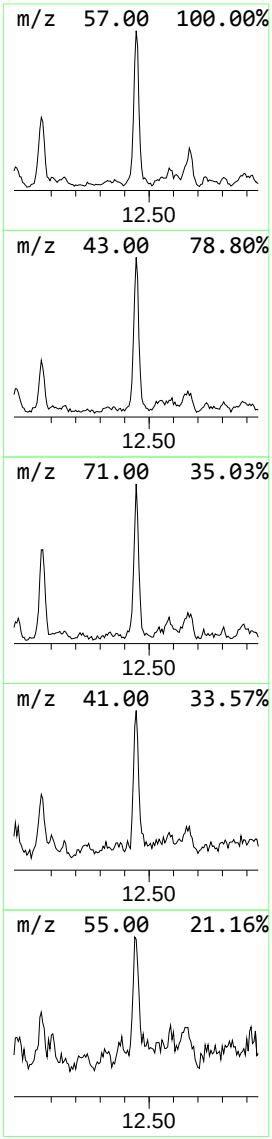
****

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.447	6.11 ng	184480	Naphthalene-d8	11.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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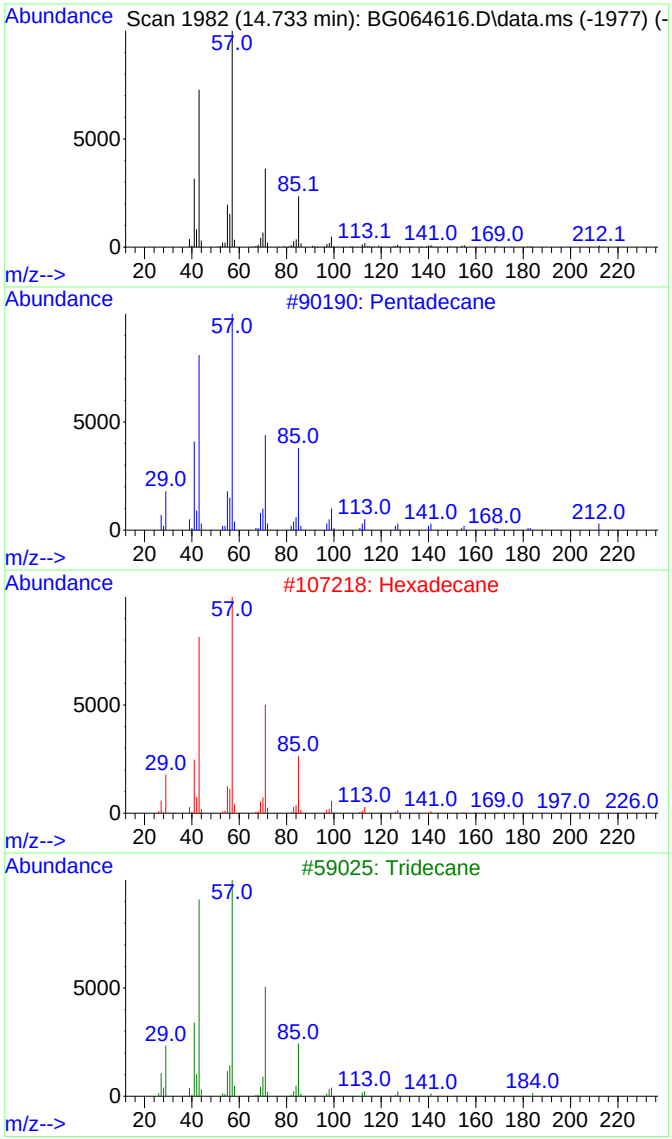
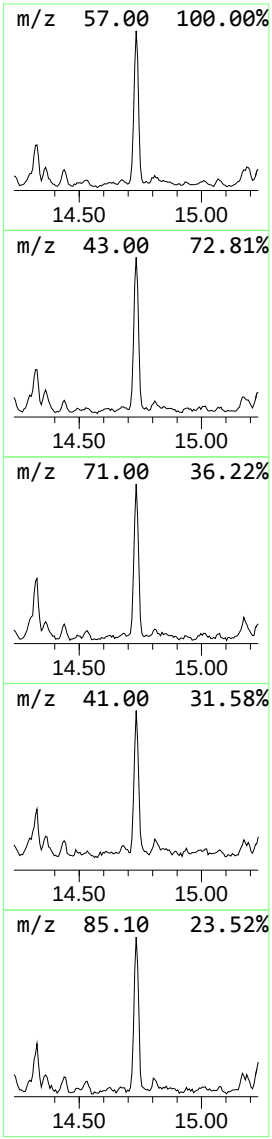
Peak Number 9 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	12.22 ng	418424	Acenaphthene-d10	14.838

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	74
3	Tridecane	184	C13H28	000629-50-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

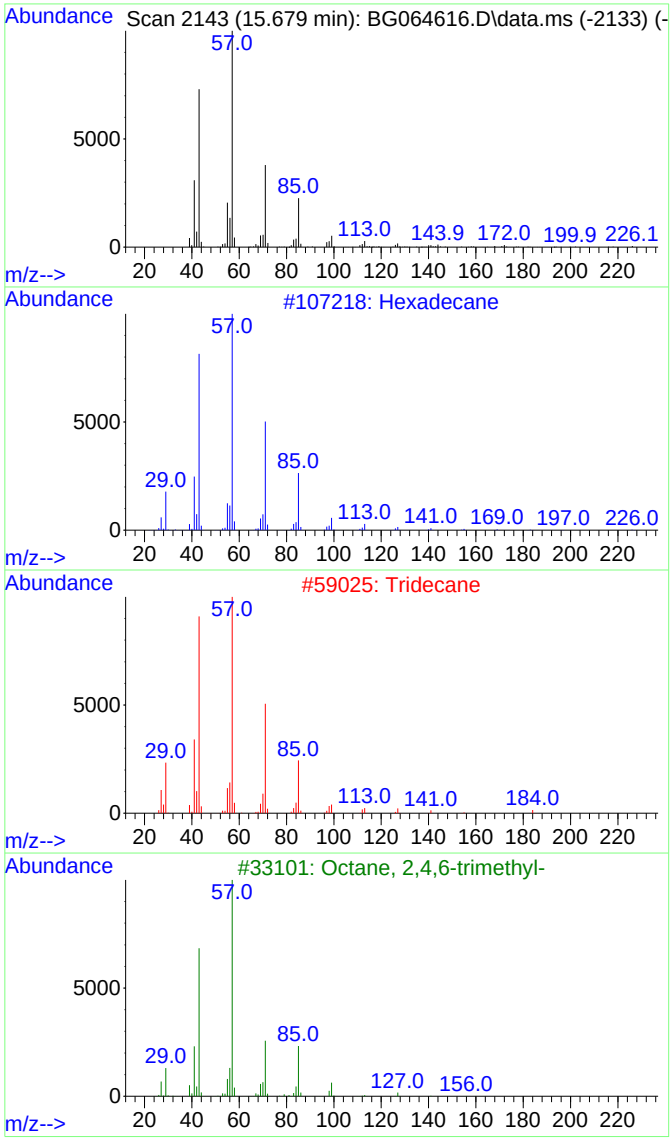
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

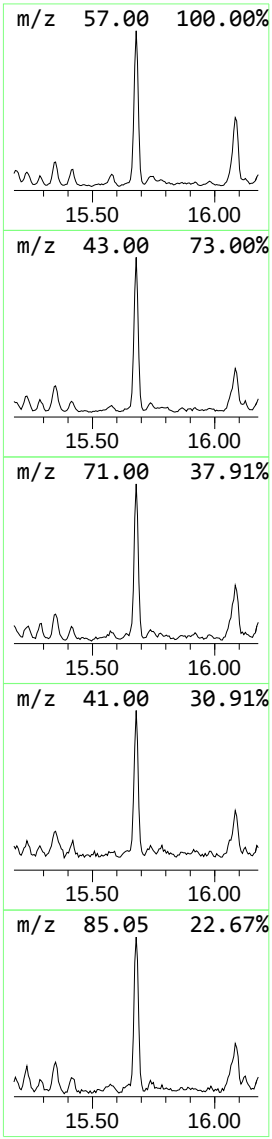
****

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.679	15.13 ng	518375	Acenaphthene-d10	14.838

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

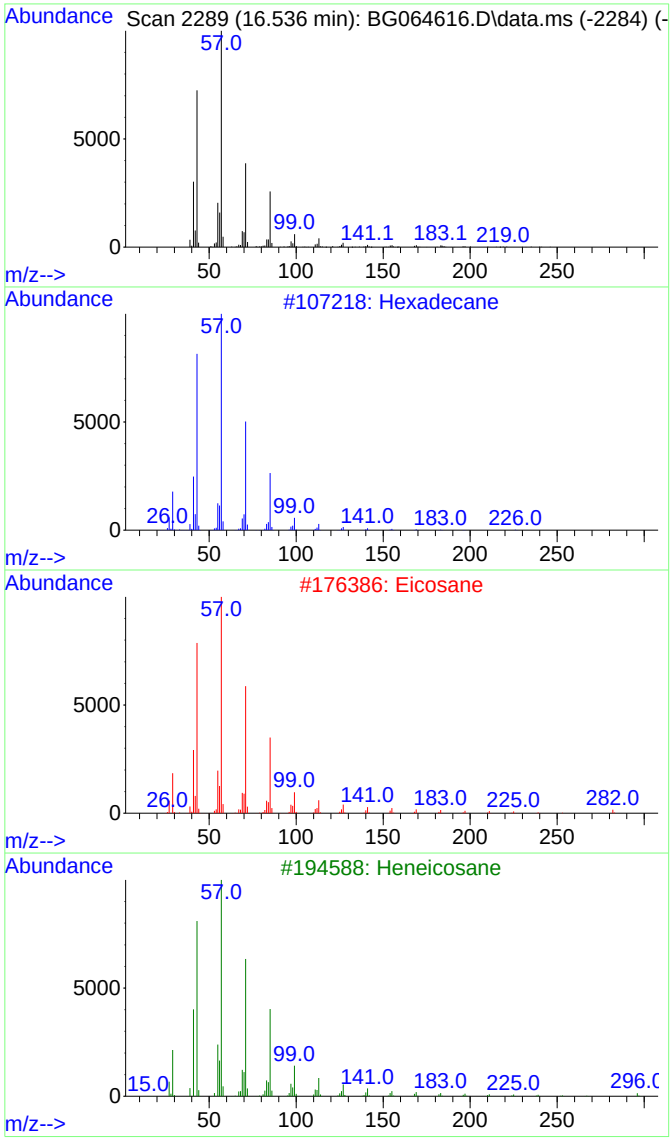
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

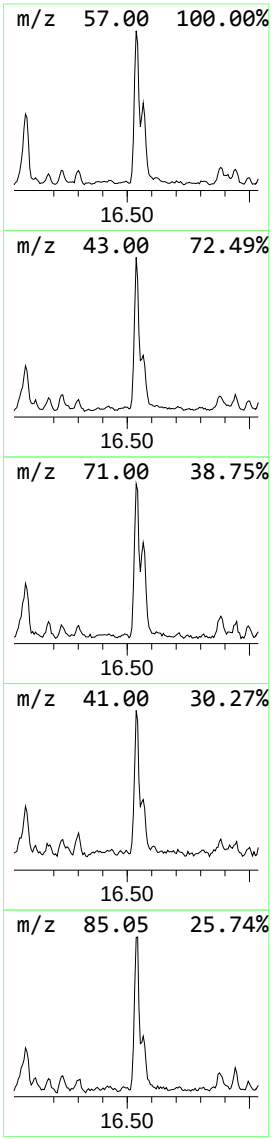
****

Peak Number 13 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.536	15.16 ng	510285	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Octadecane	254	C18H38	000593-45-3	80
5	Heptadecane	240	C17H36	000629-78-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Naphthalene, 1,...	12.224	3.8	ng	114026	2	11.043	604190	20.0
Tridecane	12.447	6.1	ng	184480	2	11.043	604190	20.0
Pentadecane	14.733	12.2	ng	418424	3	14.838	685069	20.0
Hexadecane	15.679	15.1	ng	518375	3	14.838	685069	20.0
Eicosane	16.536	15.2	ng	510285	4	17.576	673225	20.0