LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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: BG064668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.223	867	874	882	rBV	163200	279162	4.20%	0.400%
2	11.049	1344	1355	1365	rBV2	217229	513457	7.72%	0.736%
3	11.777	1470	1479	1481	rBV	90432	157519	2.37%	0.226%
4	11.801	1481	1483	1491	rVB	92611	138835	2.09%	0.199%
5	11.877	1491	1496	1502	rVB	92503	143691	2.16%	0.206%
6	11.959	1503	1510	1517	rBV	151544	239677	3.61%	0.343%
7	12.053	1520	1526	1531	rBV	146166	221333	3.33%	0.317%
8	12.447	1588	1593	1601	rBV	242993	387160	5.82%	0.555%
9	12.582	1610	1616	1620	rBV	75265	140476	2.11%	0.201%
10	12.653	1624	1628	1636	rVB2	71585	151369	2.28%	0.217%
11	13.076	1694	1700	1703	rBV	432397	680496	10.24%	0.975%
12	13.111	1703	1706	1713	rVV	317294	457426	6.88%	0.655%
13	13.176	1713	1717	1723	rVV	285132	418677	6.30%	0.600%
14	13.252	1724	1730	1735	rVV	459091	673108	10.13%	0.964%
15	13.334	1739	1744	1750	rVV	465144	705710	10.62%	1.011%
16	13.393	1750	1754	1759	rVV	90335	144664	2.18%	0.207%
17	13.469	1763	1767	1774	rVB3	84888	166685	2.51%	0.239%
18	13.669	1795	1801	1810	rVB	640542	1018428	15.32%	1.459%
19	13.839	1826	1830	1834	rVB2	167556	210795	3.17%	0.302%
20	13.910	1839	1842	1847	rVB	134923	204203	3.07%	0.293%
21	13.980	1849	1854	1861	rBV	145865	319723	4.81%	0.458%
22	14.057	1863	1867	1873	rVB	190515	273499	4.11%	0.392%
23	14.127	1874	1879	1884	rBV6	169204	350721	5.28%	0.502%
24	14.198	1885	1891	1895	rBV3	1117276	2153398	32.40%	3.085%
25	14.239	1895	1898	1902	rVB	615651	761037	11.45%	1.090%
26	14.304	1902	1909	1912	rBV2	619526	1212042	18.24%	1.736%
27	14.368	1916	1920	1927	rVV	797535	1253967	18.87%	1.796%
28	14.445	1928	1933	1938	rVB	796075	1093932	16.46%	1.567%
29	14.615	1956	1962	1966	rBV9	173317	420626	6.33%	0.603%
30	14.686	1971	1974	1979	rVB3	301039	459958	6.92%	0.659%
31	14.738	1979	1983	1988	rBV	954715	1349336	20.30%	1.933%
32	14.821	1991	1997	2000	rBV	918966	1825200	27.46%	2.615%
33	14.868	2001	2005	2010	rVB	2271837	3466733	52.16%	4.966%
34	15.079	2038	2041	2045	rVB	331024	410544	6.18%	0.588%
35	15.185	2054	2059	2065	rBV2	1292656	2971791	44.71%	4.257%
36	15.238	2065	2068	2073	rVB	965839	1243666	18.71%	1.782%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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	15.297	2074	2078	2083	rVB	884337	1199946	18.05%	1.719%
38	15.355	2084	2088	2094	rBV	1196236	1732029	26.06%	2.481%
39	15.426	2096	2100	2104	rVB	1006804	1287598	19.37%	1.844%
40	15.649	2134	2138	2141	rBV2	499261	847654	12.75%	1.214%
41	15.690	2141	2145	2150	rVB	966451	1176612	17.70%	1.685%
42	15.749	2150	2155	2159	rBV	1226018	2241445	33.72%	3.211%
43	16.084	2206	2212	2213	rBV	1877291	3026780	45.54%	4.336%
44	16.137	2219	2221	2226	rVB	931479	1059841	15.95%	1.518%
45	16.196	2227	2231	2235	rVB	1165985	1497025	22.52%	2.144%
46	16.248	2237	2240	2245	rBV	1092422	1497705	22.53%	2.145%
47	16.313	2248	2251	2256	rVV	1257511	1632740	24.56%	2.339%
48	16.560	2289	2293	2295	rBV	1450770	2116460	31.84%	3.032%
49	16.595	2295	2299	2306	rVB2	1881887	4687467	70.52%	6.715%
50	16.912	2348	2353	2356	rBV	2743413	5006896	75.33%	7.172%
51	17.024	2369	2372	2376	rBV	1486235	1781178	26.80%	2.552%
52	17.077	2378	2381	2384	rVV	1110507	1302213	19.59%	1.865%
53	17.141	2389	2392	2395	rBV	1647556	2112127	31.78%	3.026%
54	17.365	2428	2430	2433	rBV2	1301149	1705074	25.65%	2.442%
55	17.682	2480	2484	2492	rVB	2956716	6646713	100.00%	9.521%
56	25.209	3758	3765	3775	rVB	229566	632185	9.51%	0.906%

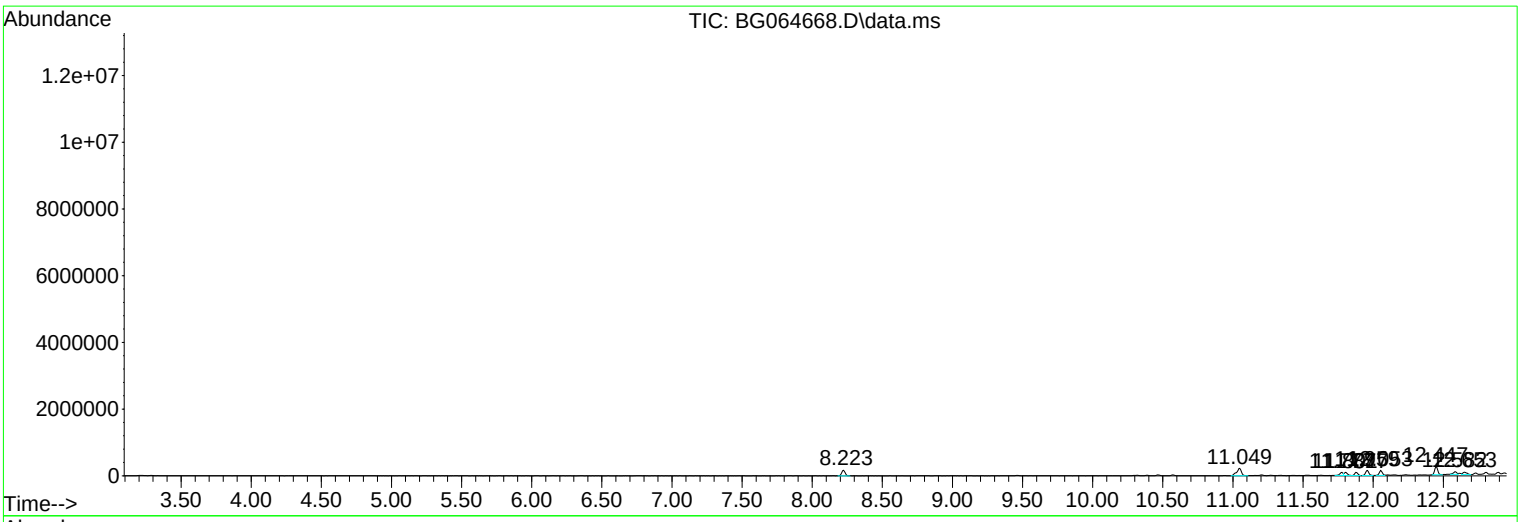
Sum of corrected areas: 69808732

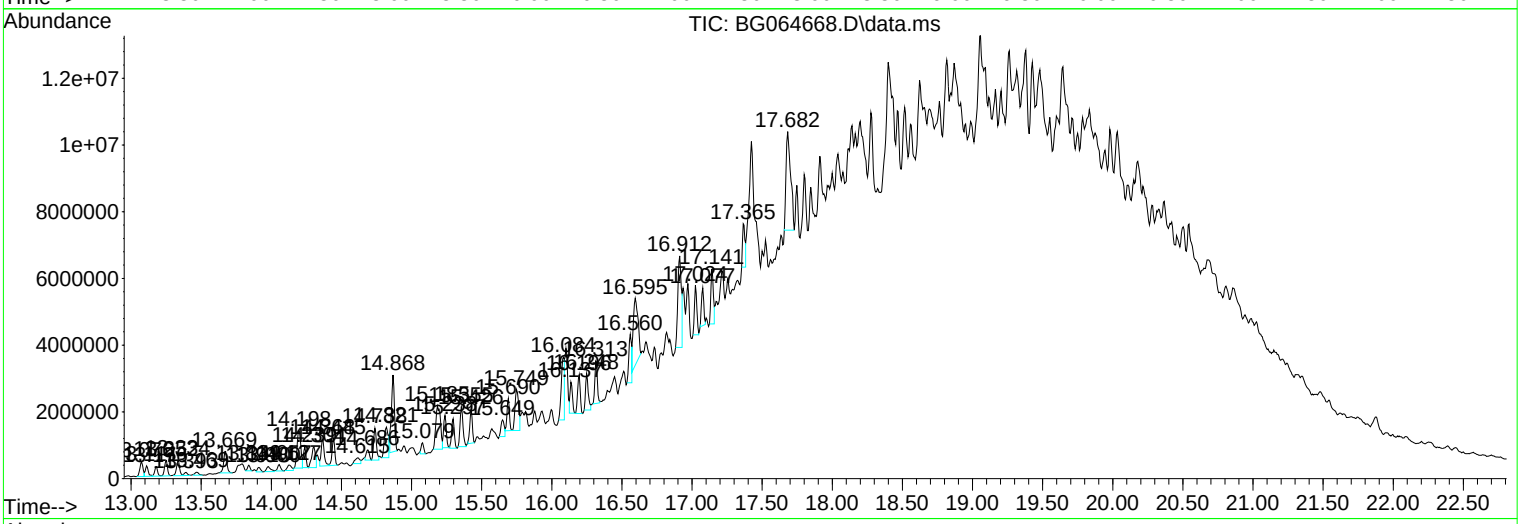
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

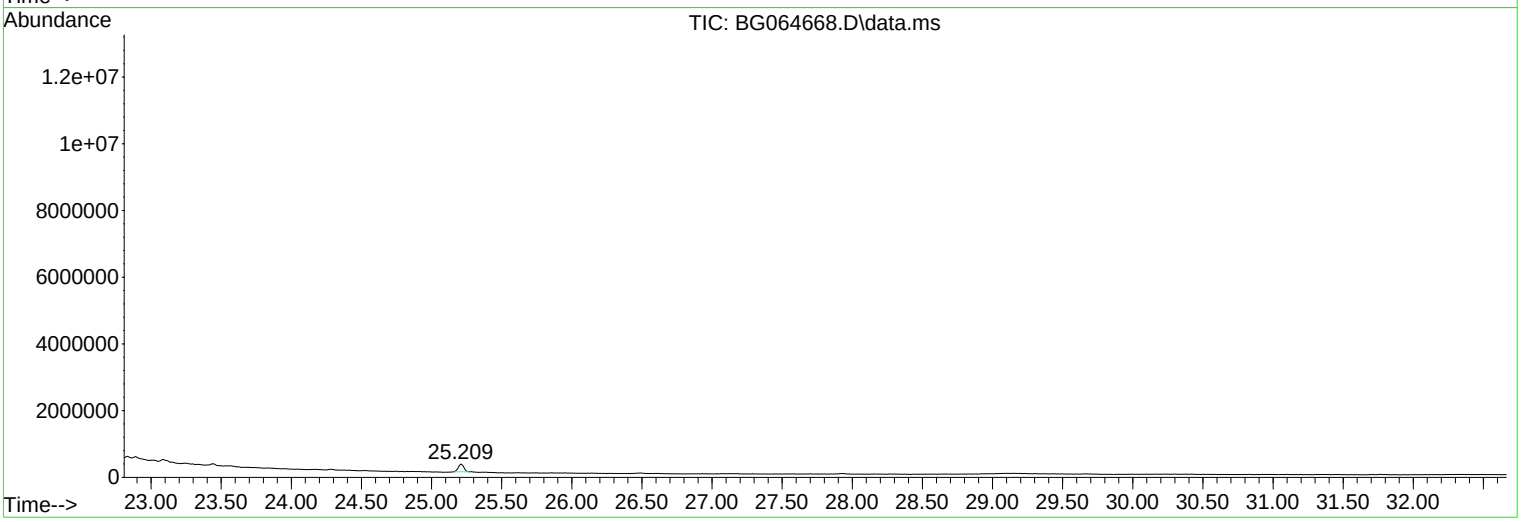
Instrument :
BNA_G
ClientSampleId :
461

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\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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

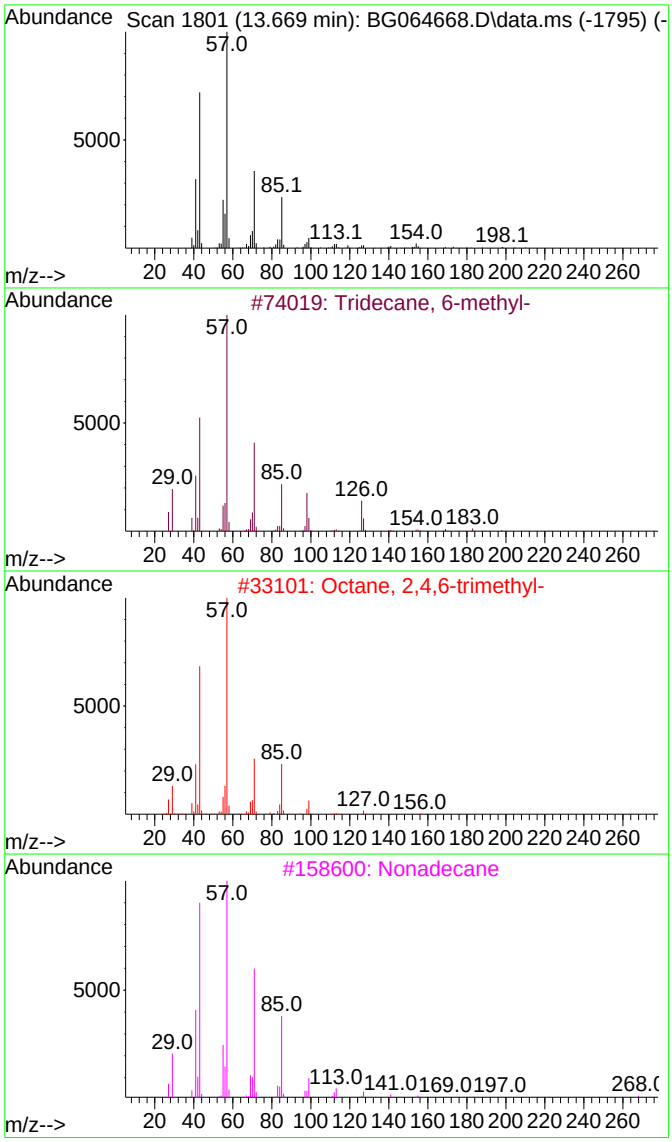
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

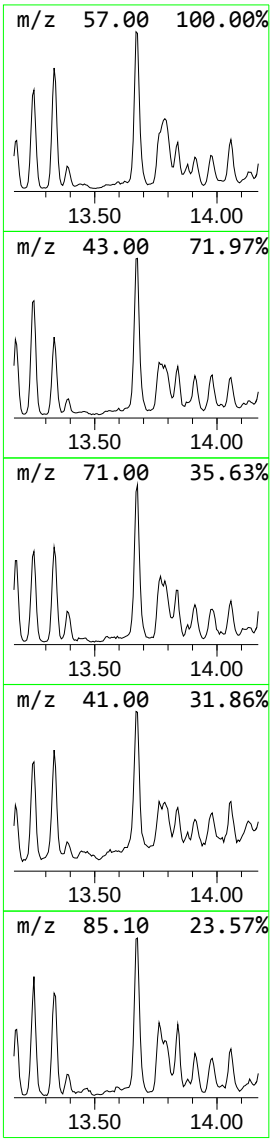
****

Peak Number 2 Tridecane, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	11.16 ng	1018430	Acenaphthene-d10	14.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
3	Nonadecane	268	C19H40	000629-92-5	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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

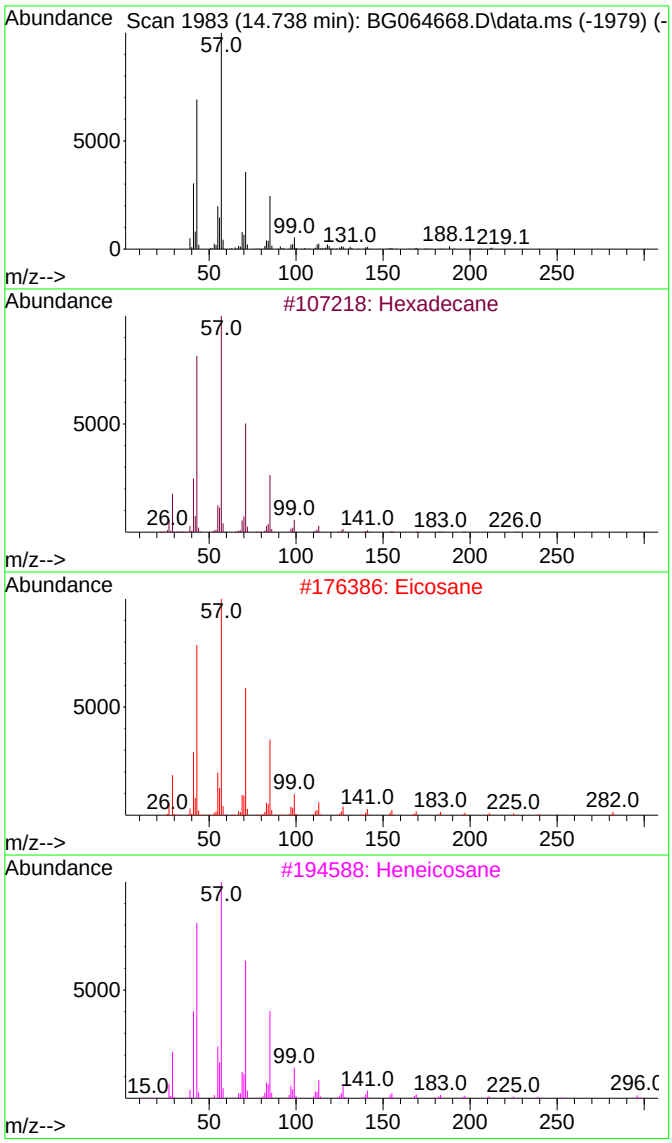
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

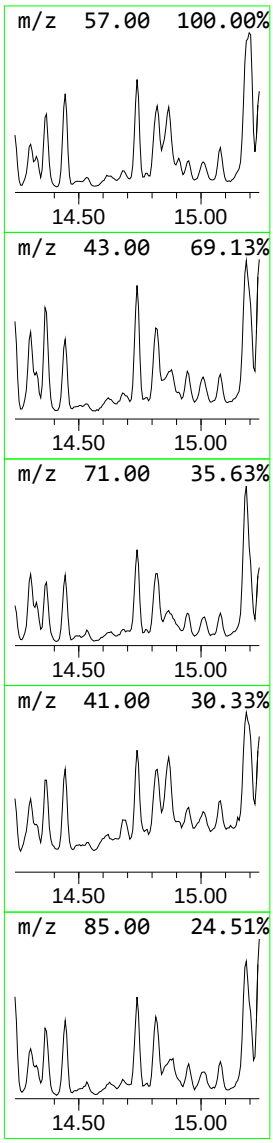
****

Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	14.79 ng	1349340	Acenaphthene-d10	14.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	78
3	Heneicosane	296	C21H44	000629-94-7	72
4	Pentadecane	212	C15H32	000629-62-9	68
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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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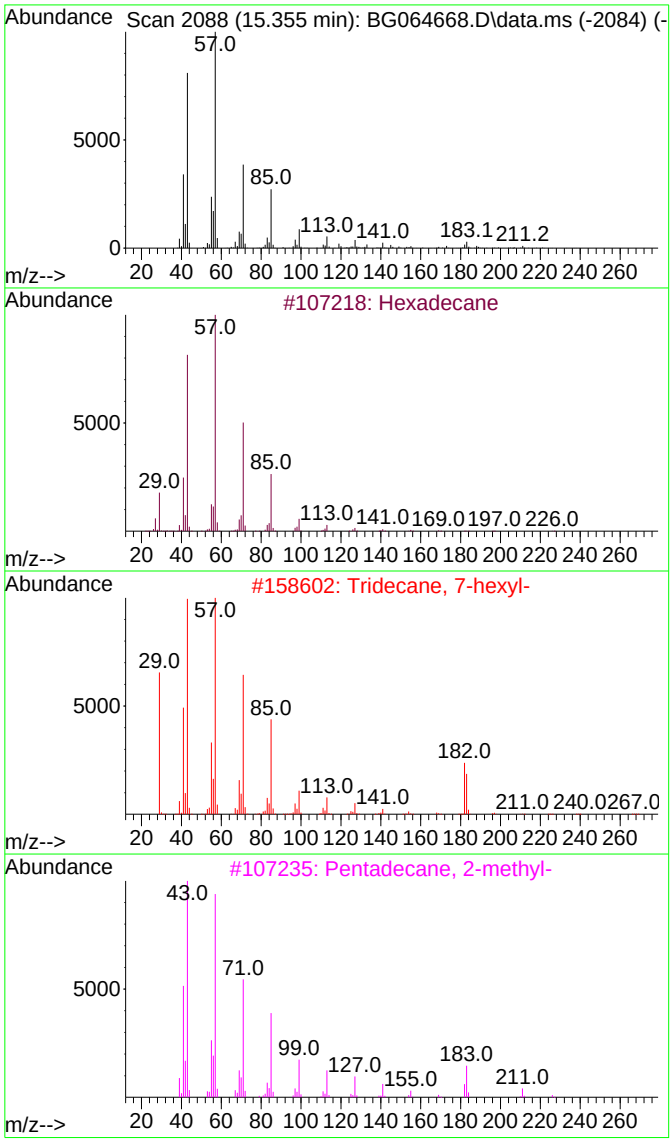
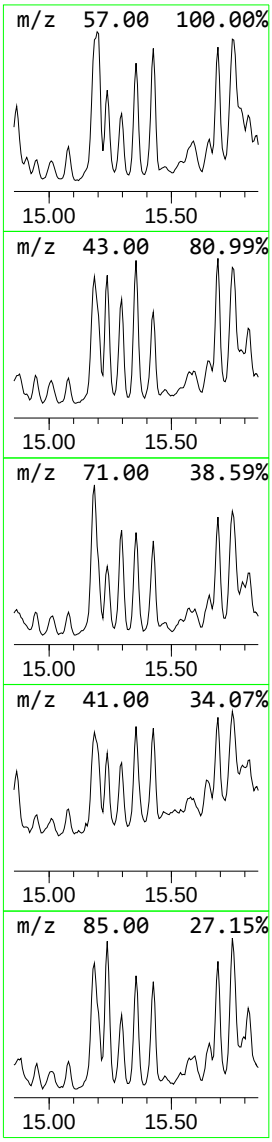
Peak Number 11 Tridecane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	18.98 ng	1732030	Acenaphthene-d10	14.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	78
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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

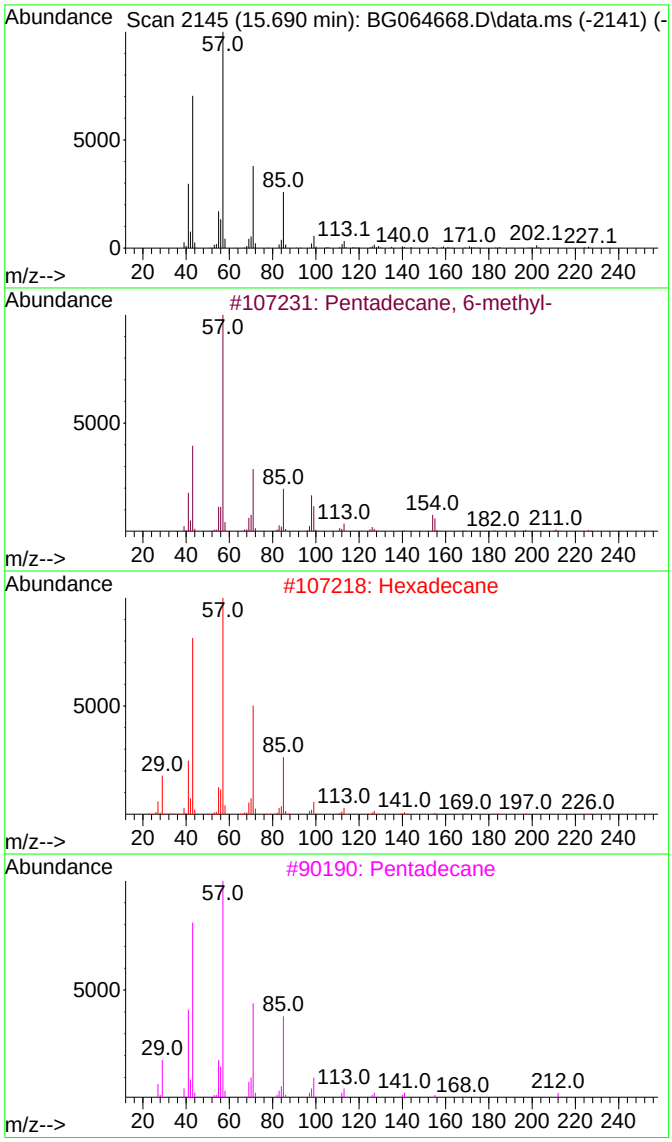
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

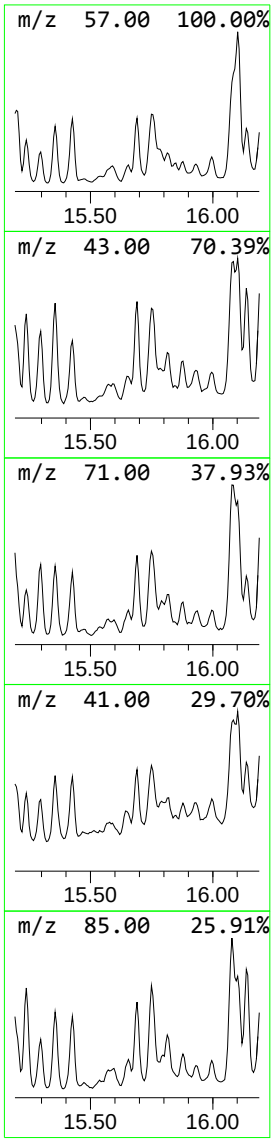
****

Peak Number 13 Pentadecane, 6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.690	12.89 ng	1176610	Acenaphthene-d10	14.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	74
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	59
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

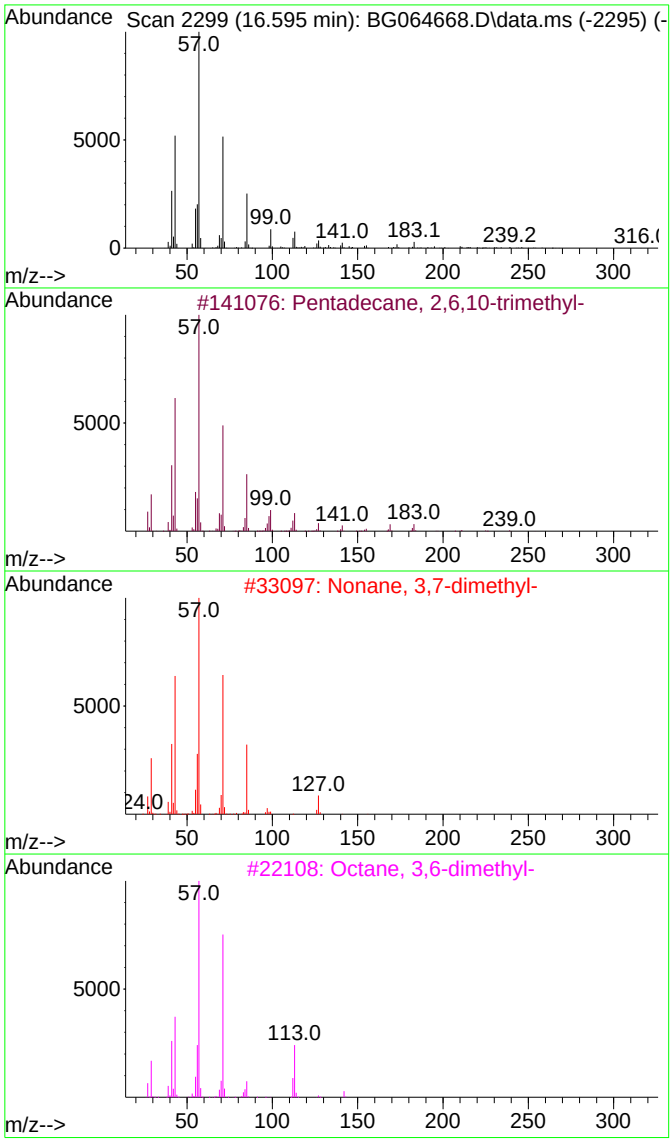
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

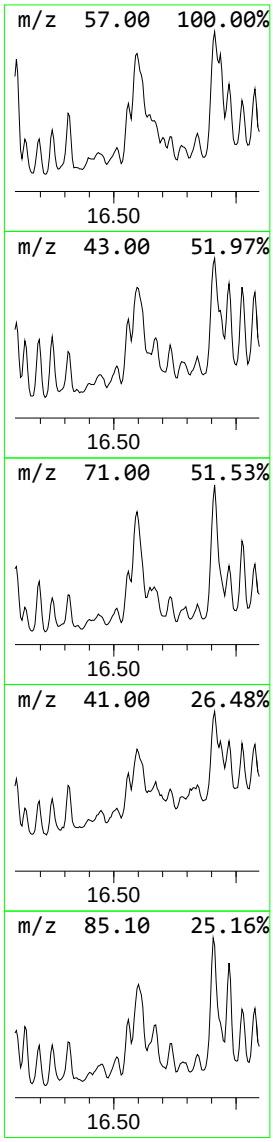
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.595	14.10 ng	4687470	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

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
Tridecane, 6-me...	13.669	11.2	ng	1018430	3	14.844	1825200	20.0
Hexadecane	14.738	14.8	ng	1349340	3	14.844	1825200	20.0
Tridecane, 7-he...	15.355	19.0	ng	1732030	3	14.844	1825200	20.0
Pentadecane, 6-...	15.690	12.9	ng	1176610	3	14.844	1825200	20.0
Pentadecane, 2,...	16.595	14.1	ng	4687470	4	17.600	6646710	20.0