LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	17	22	36	rVB	130383	222206	10.30%	0.866%
2	5.702	433	445	456	rBV	559982	992520	45.99%	3.866%
3	6.425	560	568	576	rBV5	44829	110932	5.14%	0.432%
4	6.636	599	604	612	rBV7	35275	87613	4.06%	0.341%
5	6.713	612	617	622	rVB	57224	88641	4.11%	0.345%
6	7.153	687	692	697	rVB	64408	102270	4.74%	0.398%
7	7.312	712	719	728	rBV	592954	1089535	50.48%	4.244%
8	8.164	856	864	870	rVB2	205878	461450	21.38%	1.797%
9	8.240	870	877	882	rVB2	43655	92557	4.29%	0.361%
10	8.358	892	897	901	rVB2	57027	87989	4.08%	0.343%
11	8.417	901	907	912	rBV2	39648	94606	4.38%	0.369%
12	8.663	944	949	952	rBV	52634	91153	4.22%	0.355%
13	8.816	970	975	980	rBV4	58186	145243	6.73%	0.566%
14	8.940	988	996	999	rBV	50091	94400	4.37%	0.368%
15	9.280	1044	1054	1057	rBV2	156244	317766	14.72%	1.238%
16	9.327	1057	1062	1067	rVB	331735	573528	26.57%	2.234%
17	9.527	1086	1096	1106	rBV7	64415	220099	10.20%	0.857%
18	9.651	1112	1117	1124	rVB5	52837	131283	6.08%	0.511%
19	9.803	1139	1143	1149	rVB2	124484	211664	9.81%	0.824%
20	10.062	1178	1187	1191	rBV4	92813	179749	8.33%	0.700%
21	10.109	1191	1195	1200	rVB2	51099	75439	3.50%	0.294%
22	10.168	1200	1205	1211	rBV7	72782	157413	7.29%	0.613%
23	10.232	1211	1216	1218	rBV2	93701	157657	7.31%	0.614%
24	10.320	1226	1231	1236	rBV2	60885	105797	4.90%	0.412%
25	10.379	1236	1241	1249	rVV3	139299	341393	15.82%	1.330%
26	10.450	1249	1253	1258	rVB4	49717	85810	3.98%	0.334%
27	10.502	1258	1262	1267	rBV	53667	86257	4.00%	0.336%
28	10.561	1267	1272	1277	rVB3	50826	88565	4.10%	0.345%
29	10.679	1287	1292	1301	rVB	65581	127544	5.91%	0.497%
30	10.873	1317	1325	1326	rBV4	42532	93257	4.32%	0.363%
31	10.978	1332	1343	1348	rBV2	227392	601089	27.85%	2.341%
32	11.096	1359	1363	1366	rBV	54614	81055	3.76%	0.316%
33	11.137	1366	1370	1375	rVB	103466	162648	7.54%	0.634%
34	11.196	1375	1380	1388	rBV4	76390	154387	7.15%	0.601%
35	11.384	1403	1412	1420	rBV5	40977	146182	6.77%	0.569%
36	11.472	1421	1427	1434	rVB5	33543	89794	4.16%	0.350%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.642	1452	1456	1459	rBV2	53534	73987	3.43%	0.288%
38	11.695	1459	1465	1470	rVV5	61258	136402	6.32%	0.531%
39	11.742	1470	1473	1480	rVB5	47073	88759	4.11%	0.346%
40	11.813	1480	1485	1493	rBV4	94199	204425	9.47%	0.796%
41	11.889	1493	1498	1505	rBV	129213	232902	10.79%	0.907%
42	11.995	1511	1516	1520	rBV	77030	129954	6.02%	0.506%
43	12.083	1526	1531	1541	rVB2	80109	156076	7.23%	0.608%
44	12.177	1541	1547	1552	rBV7	46868	118432	5.49%	0.461%
45	12.294	1559	1567	1572	rVB2	67402	147694	6.84%	0.575%
46	12.353	1572	1577	1584	rBV3	59765	151475	7.02%	0.590%
47	12.623	1613	1623	1628	rVB3	101522	254231	11.78%	0.990%
48	12.735	1633	1642	1645	rBV6	30263	78729	3.65%	0.307%
49	12.835	1652	1659	1668	rBV2	135152	302915	14.04%	1.180%
50	13.317	1738	1741	1747	rVB2	54127	86978	4.03%	0.339%
51	13.405	1748	1756	1767	rVB	1155260	1833547	84.96%	7.142%
52	13.581	1781	1786	1797	rBV	27260	93571	4.34%	0.364%
53	13.710	1805	1808	1814	rVB	42533	77806	3.61%	0.303%
54	13.945	1842	1848	1849	rBV	63058	96698	4.48%	0.377%
55	14.098	1867	1874	1879	rBV	118526	240280	11.13%	0.936%
56	14.151	1879	1883	1889	rVB2	65130	118084	5.47%	0.460%
57	14.333	1909	1914	1917	rBV	52412	78224	3.62%	0.305%
58	14.498	1937	1942	1952	rVB2	47016	94451	4.38%	0.368%
59	14.774	1979	1989	1995	rBV	401202	710274	32.91%	2.767%
60	14.980	2018	2024	2032	rVB3	45745	126354	5.85%	0.492%
61	15.162	2051	2055	2062	rVB	86192	145063	6.72%	0.565%
62	15.238	2063	2068	2072	rBV	50906	82258	3.81%	0.320%
63	15.385	2087	2093	2098	rBV	73961	132648	6.15%	0.517%
64	15.438	2098	2102	2107	rVB	56075	86177	3.99%	0.336%
65	15.555	2115	2122	2125	rBV6	46994	105957	4.91%	0.413%
66	15.931	2179	2186	2190	rBV3	111499	238344	11.04%	0.928%
67	16.014	2196	2200	2205	rVB4	74320	129602	6.01%	0.505%
68	16.114	2206	2217	2223	rVB5	176138	426131	19.74%	1.660%
69	16.249	2233	2240	2248	rBV2	1010326	1590883	73.71%	6.197%
70	16.484	2276	2280	2286	rVB2	235364	355770	16.48%	1.386%
71	16.584	2292	2297	2299	rBV4	77812	136006	6.30%	0.530%
72	16.625	2300	2304	2311	rVB4	98499	238910	11.07%	0.931%
73	16.795	2328	2333	2338	rVB5	106762	226231	10.48%	0.881%
74	16.860	2339	2344	2350	rBV6	116524	239217	11.08%	0.932%
75	16.960	2358	2361	2365	rVB2	102538	116425	5.39%	0.453%
76	17.306	2416	2420	2426	rVB	318122	477327	22.12%	1.859%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.500	2448	2453	2458	rBV	542127	889534	41.22%	3.465%
78	17.706	2484	2488	2492	rVB3	191035	250716	11.62%	0.977%
79	17.911	2519	2523	2528	rBV2	288488	458242	21.23%	1.785%
80	18.381	2599	2603	2607	rBV2	620445	932730	43.22%	3.633%
81	19.468	2785	2788	2793	rBV	582859	912305	42.27%	3.554%
82	20.050	2884	2887	2891	rBV	1165086	1762566	81.67%	6.865%
83	20.097	2892	2895	2899	rVB	1775118	2158197	100.00%	8.406%

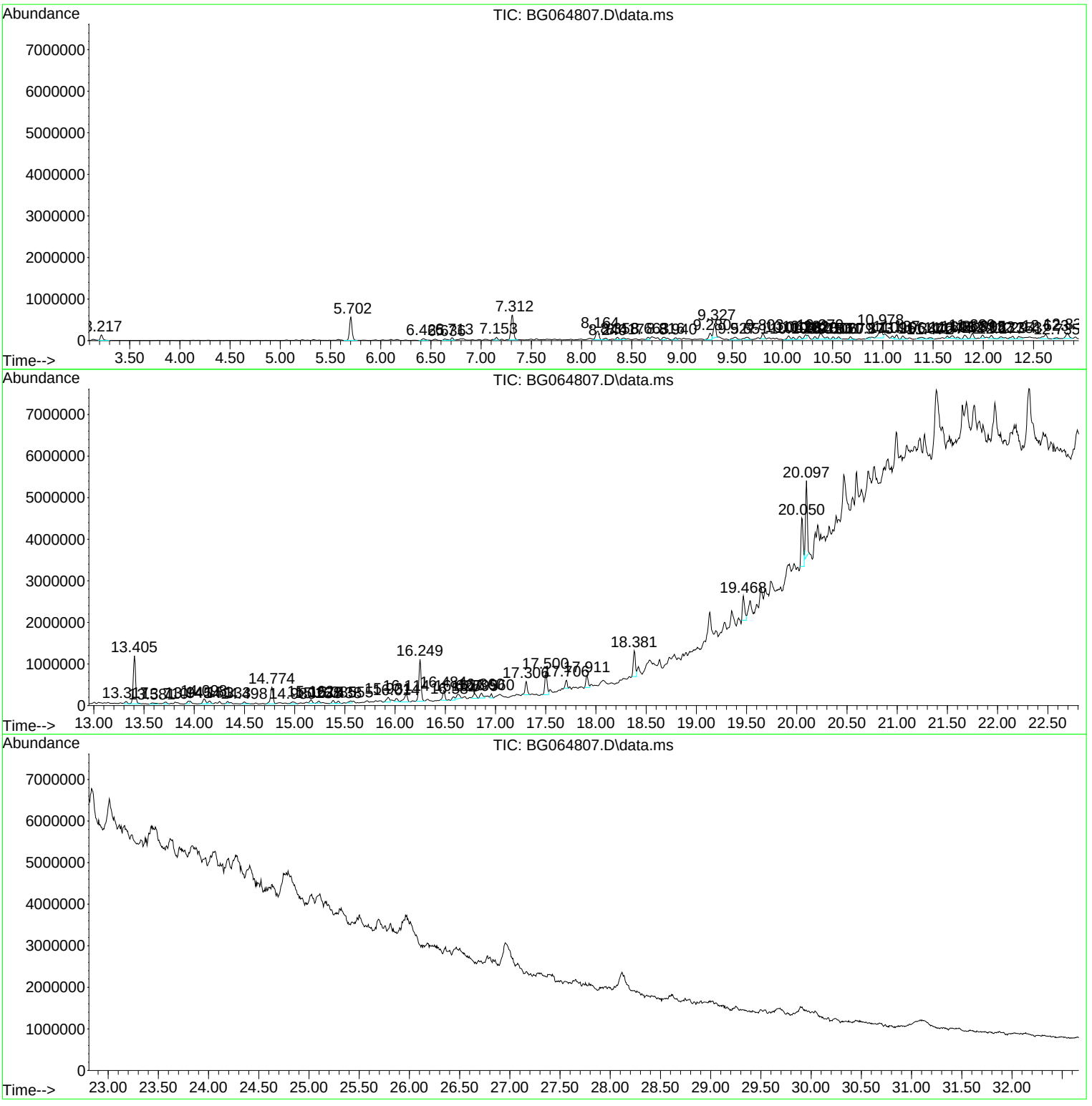
Sum of corrected areas: 25672978

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

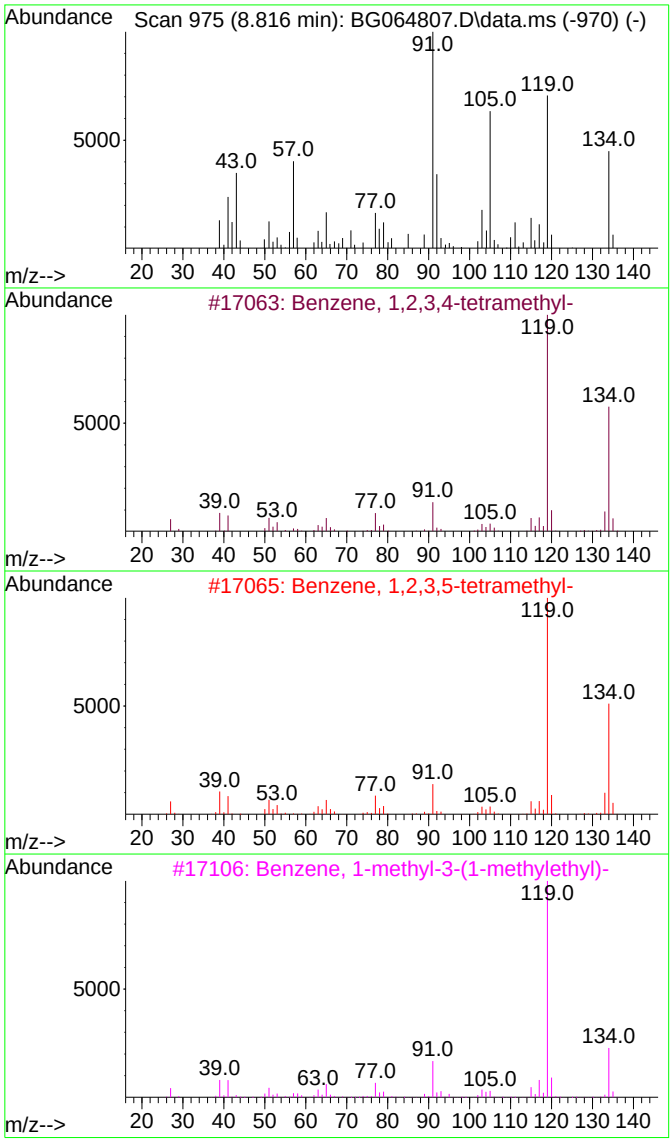
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

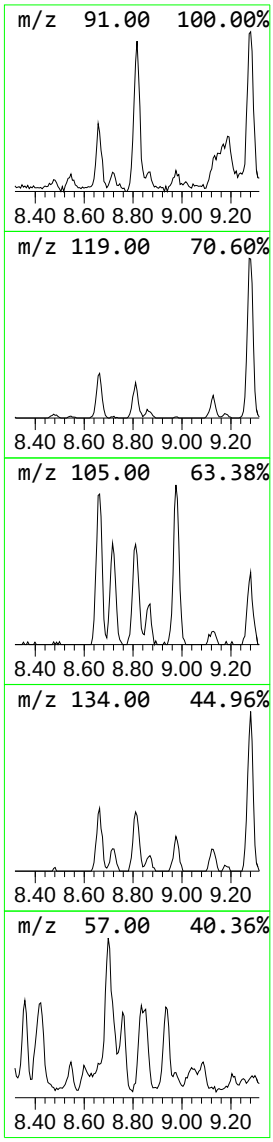
****

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	6.30 ng	145243	1,4-Dichlorobenzene-d4	8.164

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

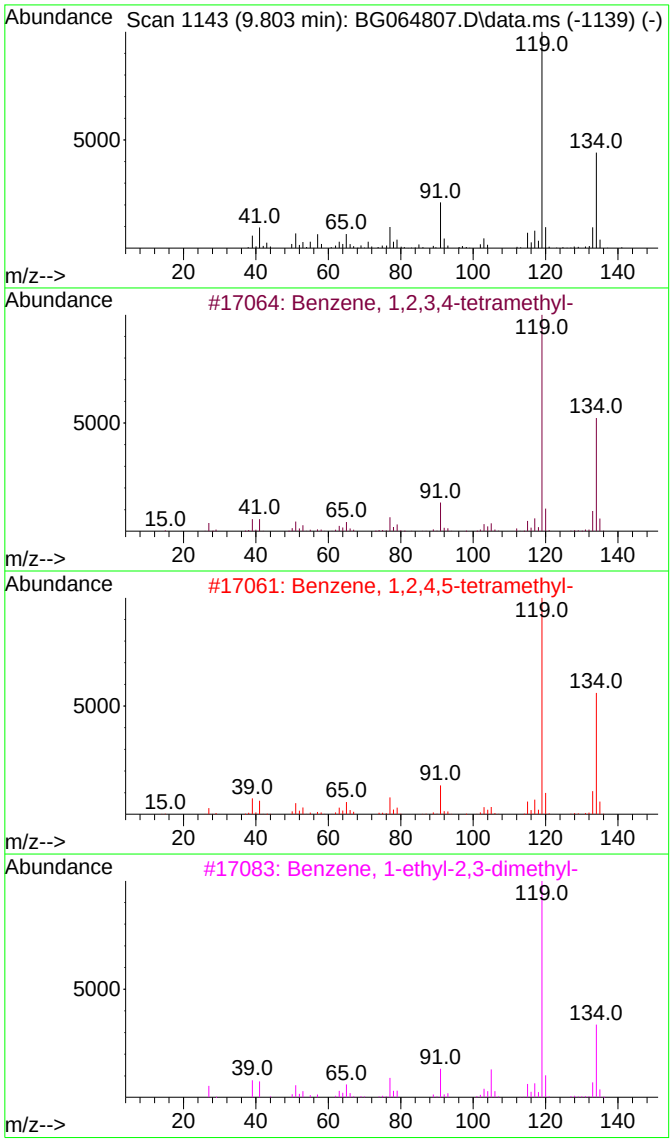
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

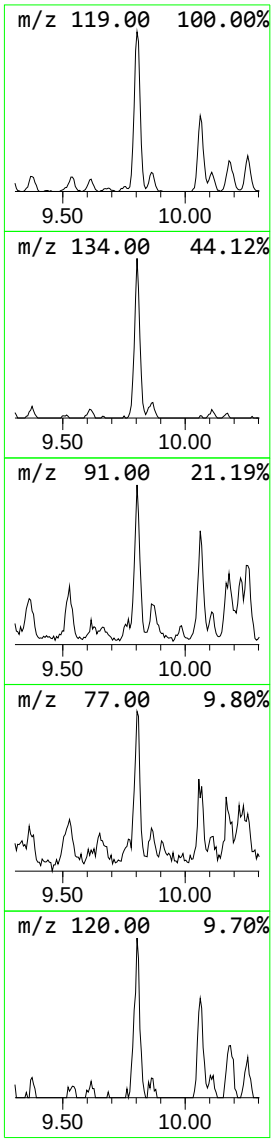
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.803	7.04 ng	211664	Naphthalene-d8	10.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

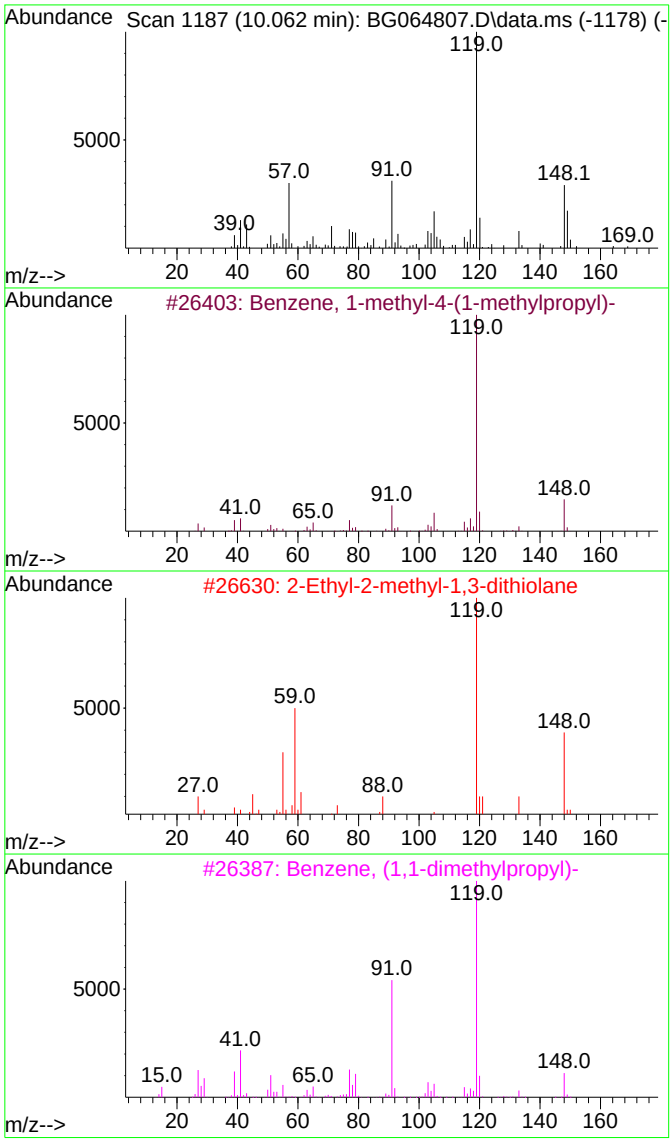
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

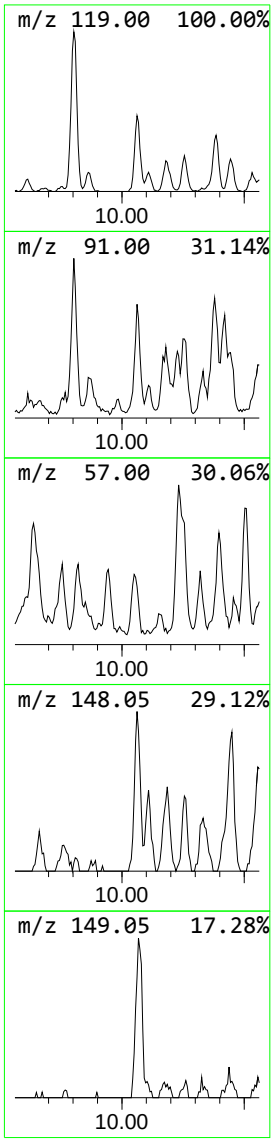
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.062	5.98 ng	179749	Naphthalene-d8	10.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	72
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

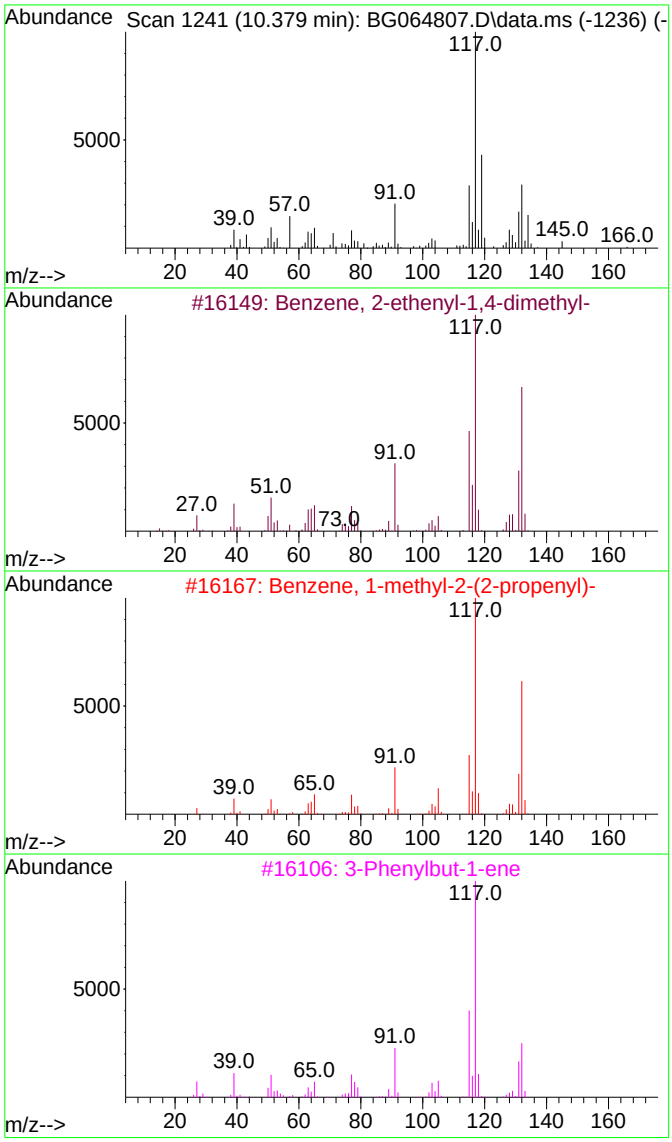
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

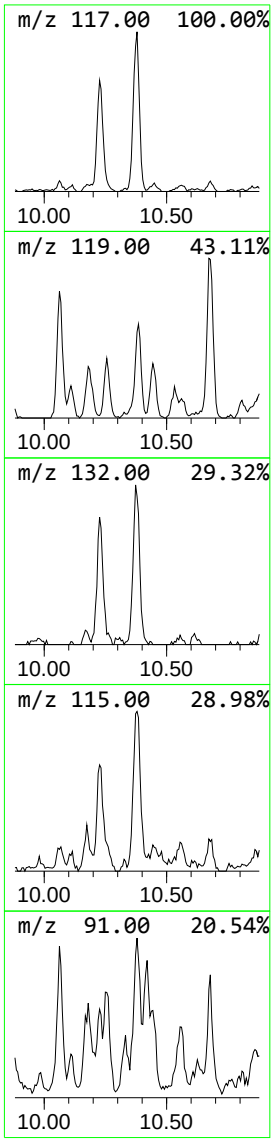
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.379	11.36 ng	341393	Naphthalene-d8	10.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

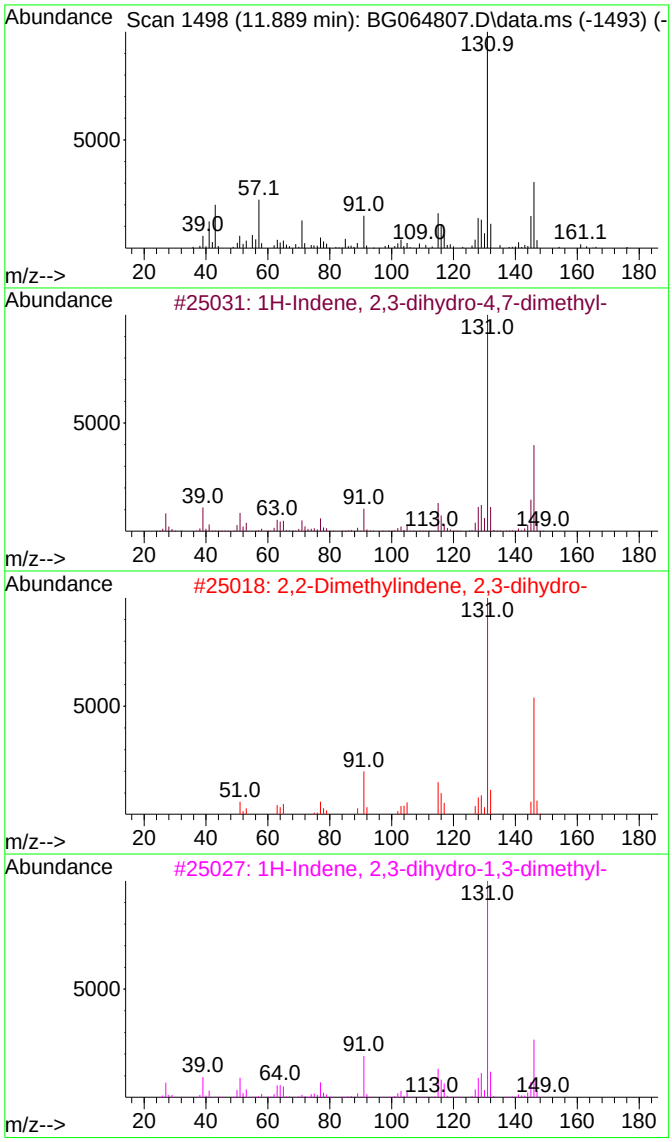
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

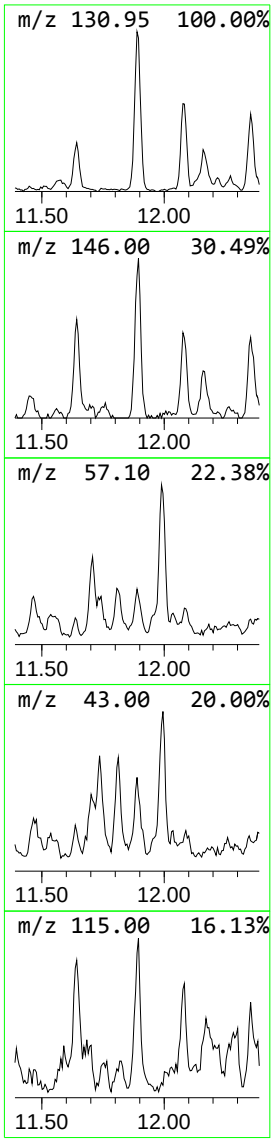
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.889	7.75 ng	232902	Naphthalene-d8	10.984

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

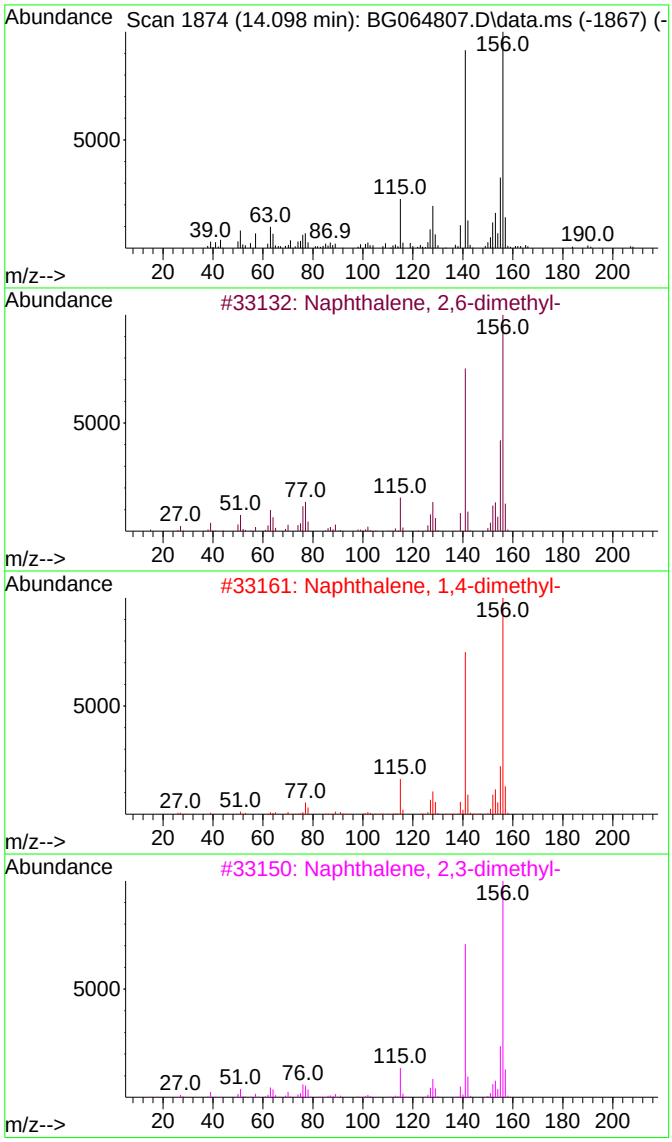
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

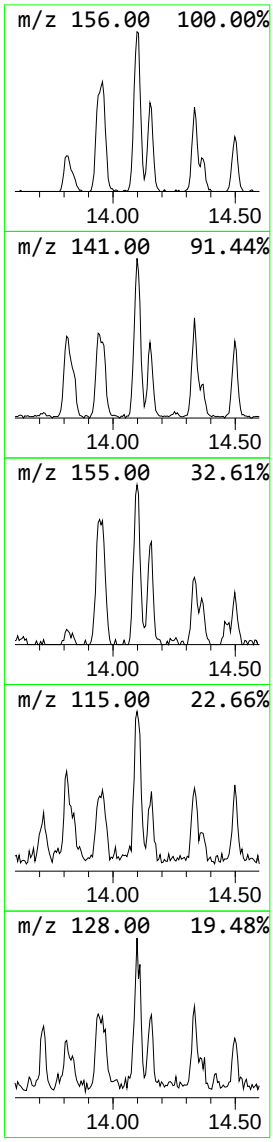
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	6.77 ng	240280	Acenaphthene-d10	14.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

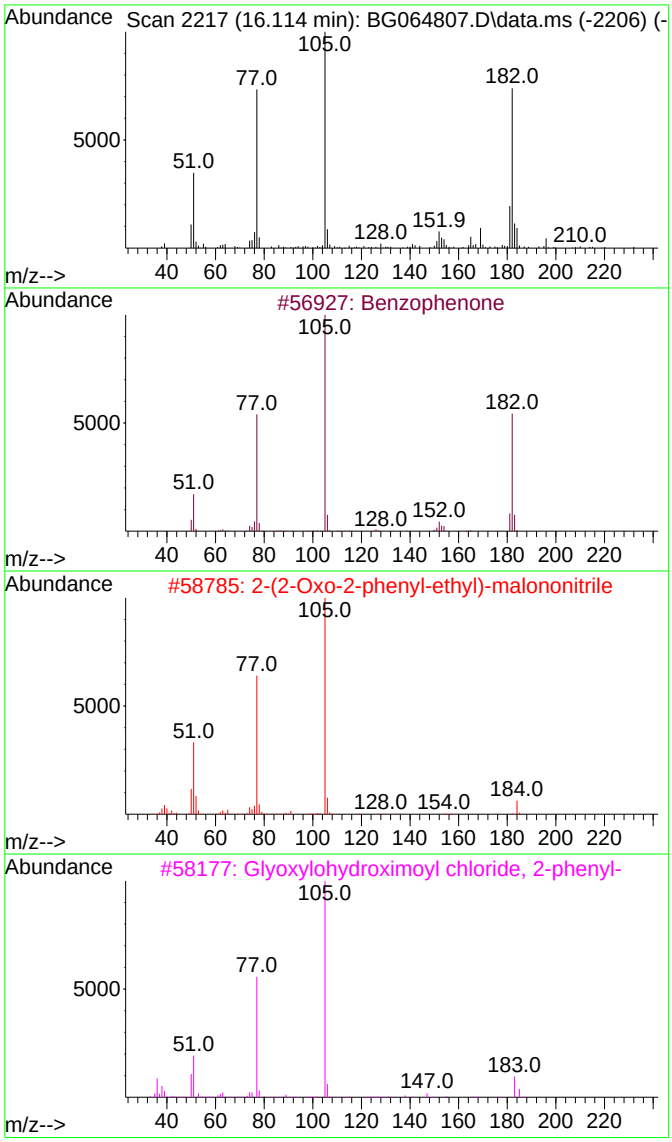
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

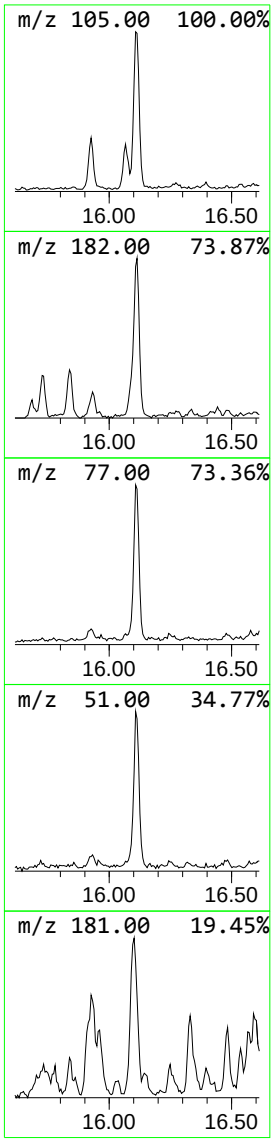
****

Peak Number 12 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.113	12.00 ng	426131	Acenaphthene-d10	14.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38
5	Butanenitrile, 2,3-bis(benzoylox...	335	C18H13N3O4	1000269-66-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064807.D
Acq On : 18 Nov 2025 17:42
Operator : RC/JU
Sample : Q3652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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
Benzene, 1,2,3,...	8.816	6.3	ng	145243	1	8.164	461450	20.0
Benzene, 1,2,4,...	9.803	7.0	ng	211664	2	10.984	601089	20.0
Benzene, 1-meth...	10.062	6.0	ng	179749	2	10.984	601089	20.0
Benzene, 2-ethe...	10.379	11.4	ng	341393	2	10.984	601089	20.0
1H-Indene, 2,3-...	11.889	7.8	ng	232902	2	10.984	601089	20.0
Naphthalene, 2,...	14.098	6.8	ng	240280	3	14.774	710274	20.0
Benzophenone	16.113	12.0	ng	426131	3	14.774	710274	20.0