

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064537.D
 Acq On : 17 Oct 2025 15:48
 Operator : RC/JU
 Sample : Q3363-01
 Misc : 8270/625.1 SPIKE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR132-SO1-085011-20251015

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-BG100225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.408	389	395	404	rBV	143277	224324	36.53%	4.327%
2	6.389	557	562	567	rBV2	7428	11661	1.90%	0.225%
3	6.994	656	665	676	rVB	139226	239661	39.03%	4.623%
4	7.817	797	805	812	rVB2	67128	120904	19.69%	2.332%
5	7.893	812	818	824	rVB3	3433	7323	1.19%	0.141%
6	8.093	846	852	853	rBV3	3684	6816	1.11%	0.131%
7	8.898	983	989	990	rBV3	4976	6326	1.03%	0.122%
8	8.968	995	1001	1008	rVB	77175	138428	22.54%	2.670%
9	9.139	1025	1030	1031	rBV2	4499	6623	1.08%	0.128%
10	9.297	1053	1057	1062	rVB4	4889	8340	1.36%	0.161%
11	9.462	1081	1085	1091	rBV3	7678	10161	1.65%	0.196%
12	9.532	1091	1097	1101	rVB7	4910	8420	1.37%	0.162%
13	9.744	1128	1133	1137	rBV5	5434	9814	1.60%	0.189%
14	9.797	1137	1142	1147	rVB6	8422	14959	2.44%	0.289%
15	10.302	1224	1228	1231	rBV3	3874	6156	1.00%	0.119%
16	10.602	1269	1279	1286	rBV	79446	152890	24.90%	2.949%
17	10.772	1304	1308	1313	rVB2	18253	28392	4.62%	0.548%
18	11.101	1357	1364	1367	rBV4	9232	15400	2.51%	0.297%
19	11.283	1388	1395	1397	rBV4	6645	12235	1.99%	0.236%
20	11.307	1397	1399	1406	rVB5	8142	11782	1.92%	0.227%
21	11.442	1418	1422	1424	rBV4	6089	7732	1.26%	0.149%
22	11.636	1451	1455	1459	rBV2	22479	31824	5.18%	0.614%
23	11.794	1478	1482	1484	rBV5	5134	6528	1.06%	0.126%
24	11.888	1495	1498	1504	rVB4	6806	9669	1.57%	0.187%
25	12.176	1543	1547	1548	rBV3	5567	7098	1.16%	0.137%
26	12.259	1554	1561	1568	rVB8	12727	29550	4.81%	0.570%
27	12.482	1595	1599	1603	rBV5	5346	7399	1.20%	0.143%
28	12.658	1622	1629	1631	rBV7	6338	12894	2.10%	0.249%
29	12.881	1665	1667	1673	rVB6	5556	7464	1.22%	0.144%
30	12.940	1673	1677	1679	rBV4	6079	8185	1.33%	0.158%
31	12.993	1681	1686	1691	rVV2	30853	44542	7.25%	0.859%
32	13.064	1691	1698	1706	rVV	205289	320955	52.26%	6.191%
33	13.257	1725	1731	1735	rVB8	10645	19028	3.10%	0.367%
34	13.299	1735	1738	1743	rVV7	10398	14669	2.39%	0.283%
35	13.369	1747	1750	1754	rBV5	7743	12514	2.04%	0.241%
36	13.504	1770	1773	1781	rVB8	5462	12497	2.04%	0.241%

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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-BG100225.M
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37	13.622	1790	1793	1797	rVB6	4472	7221	1.18%	0.139%
38	13.669	1797	1801	1805	rBV7	5196	6948	1.13%	0.134%
39	13.716	1805	1809	1813	rBV6	4735	9232	1.50%	0.178%
40	13.774	1813	1819	1822	rBV6	5439	11539	1.88%	0.223%

41	13.939	1838	1847	1850	rBV	38425	57142	9.30%	1.102%
42	13.980	1851	1854	1861	rVB7	8599	16725	2.72%	0.323%
43	14.051	1863	1866	1871	rVB6	5706	9365	1.52%	0.181%
44	14.150	1879	1883	1884	rBV3	6682	7672	1.25%	0.148%
45	14.291	1903	1907	1912	rVB8	10145	17550	2.86%	0.339%

46	14.444	1926	1933	1940	rBV	136946	220960	35.98%	4.262%
47	14.850	1999	2002	2008	rVB8	9148	14902	2.43%	0.287%
48	14.973	2019	2023	2029	rVB8	18494	28947	4.71%	0.558%
49	15.049	2031	2036	2037	rBV5	7701	11995	1.95%	0.231%
50	15.108	2044	2046	2051	rVB6	6798	8151	1.33%	0.157%

51	15.484	2108	2110	2114	rBV4	8040	10260	1.67%	0.198%
52	15.537	2116	2119	2123	rVB6	11401	17404	2.83%	0.336%
53	15.707	2144	2148	2156	rVB2	41988	66948	10.90%	1.291%
54	15.801	2159	2164	2170	rVB	44916	69436	11.31%	1.339%
55	15.931	2180	2186	2193	rBV	251821	400022	65.14%	7.716%

56	16.189	2223	2230	2236	rBV	60442	106332	17.32%	2.051%
57	16.301	2247	2249	2252	rVB4	9293	8435	1.37%	0.163%
58	16.366	2258	2260	2265	rVB6	9477	13546	2.21%	0.261%
59	16.501	2281	2283	2287	rVB5	12207	12871	2.10%	0.248%
60	16.536	2287	2289	2292	rBV4	9070	12083	1.97%	0.233%

61	16.565	2292	2294	2298	rVB5	12141	12996	2.12%	0.251%
62	17.006	2364	2369	2377	rVB2	56629	96690	15.74%	1.865%
63	17.188	2394	2400	2404	rBV	178577	280764	45.72%	5.416%
64	17.364	2428	2430	2431	rBV2	8553	6202	1.01%	0.120%
65	18.087	2549	2553	2562	rVB6	58171	111572	18.17%	2.152%

66	18.246	2578	2580	2585	rVB4	17982	20740	3.38%	0.400%
67	18.810	2672	2676	2679	rVB2	39757	47576	7.75%	0.918%
68	19.239	2745	2749	2753	rBV	72715	102514	16.69%	1.977%
69	19.297	2755	2759	2765	rVB2	125711	173812	28.30%	3.353%
70	19.603	2807	2811	2820	rVB	66055	125237	20.39%	2.416%

71	19.767	2836	2839	2841	rBV4	22928	29263	4.77%	0.564%
72	19.803	2841	2845	2854	rVB	465585	614103	100.00%	11.845%
73	20.020	2878	2882	2887	rBV	94443	118423	19.28%	2.284%
74	21.413	3112	3119	3124	rBV2	224030	398716	64.93%	7.691%
75	24.391	3621	3626	3635	rVB2	123928	300384	48.91%	5.794%

76	28.351	4298	4300	4304	rVB5	8037	6605	1.08%	0.127%
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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-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

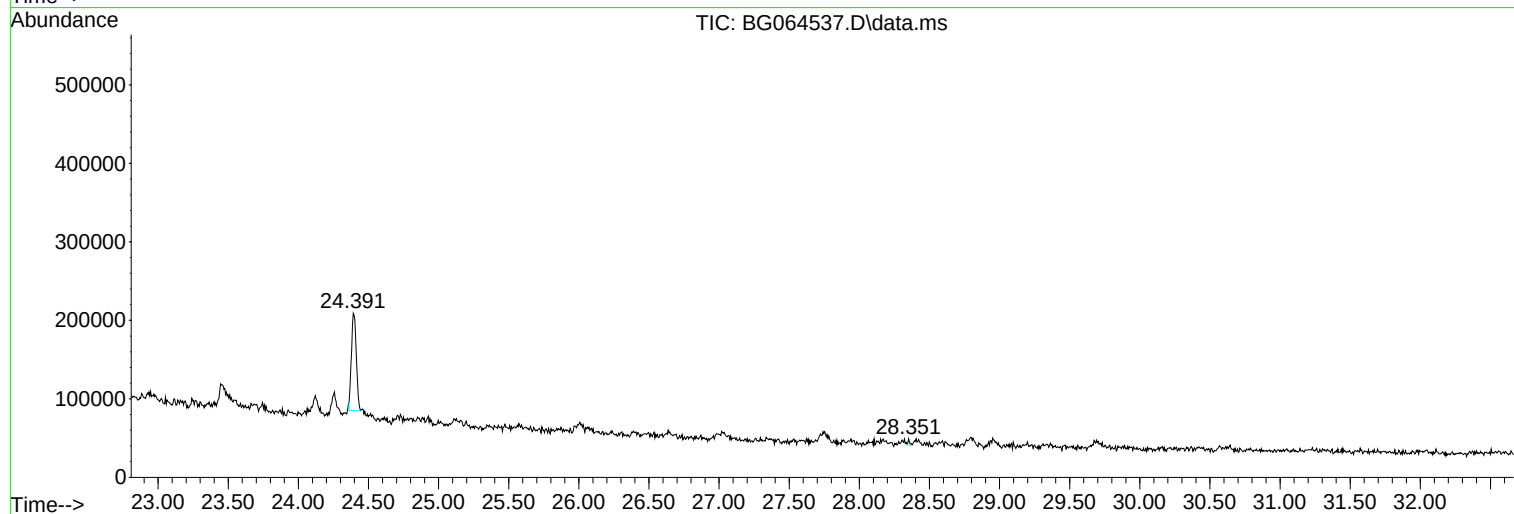
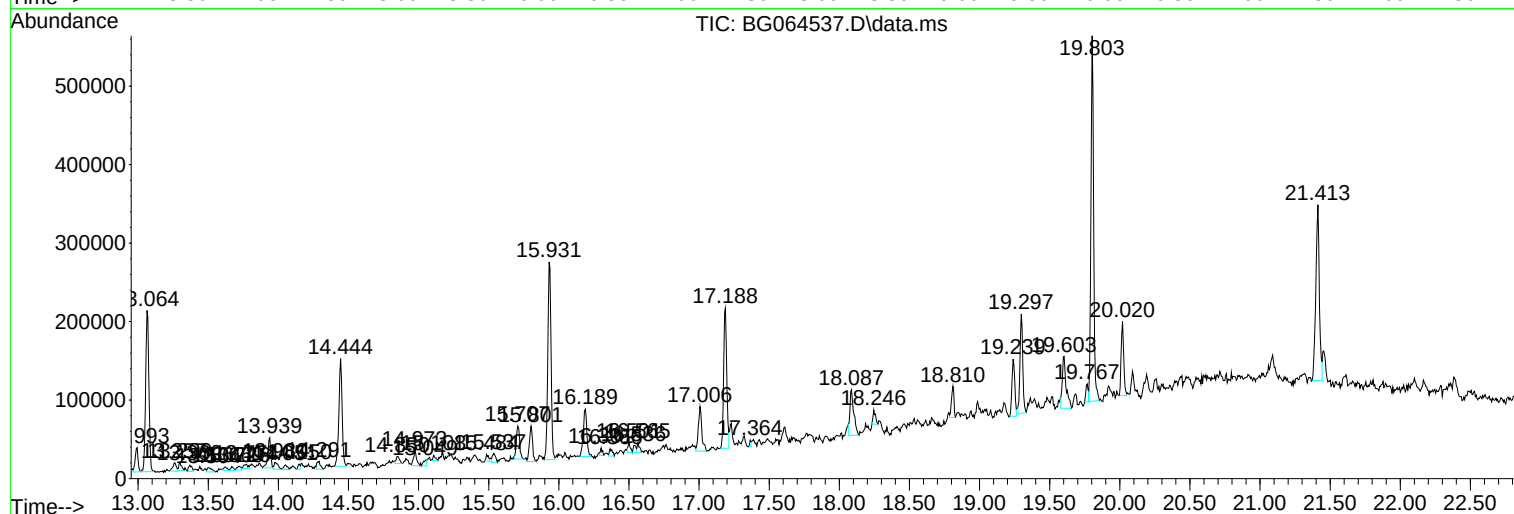
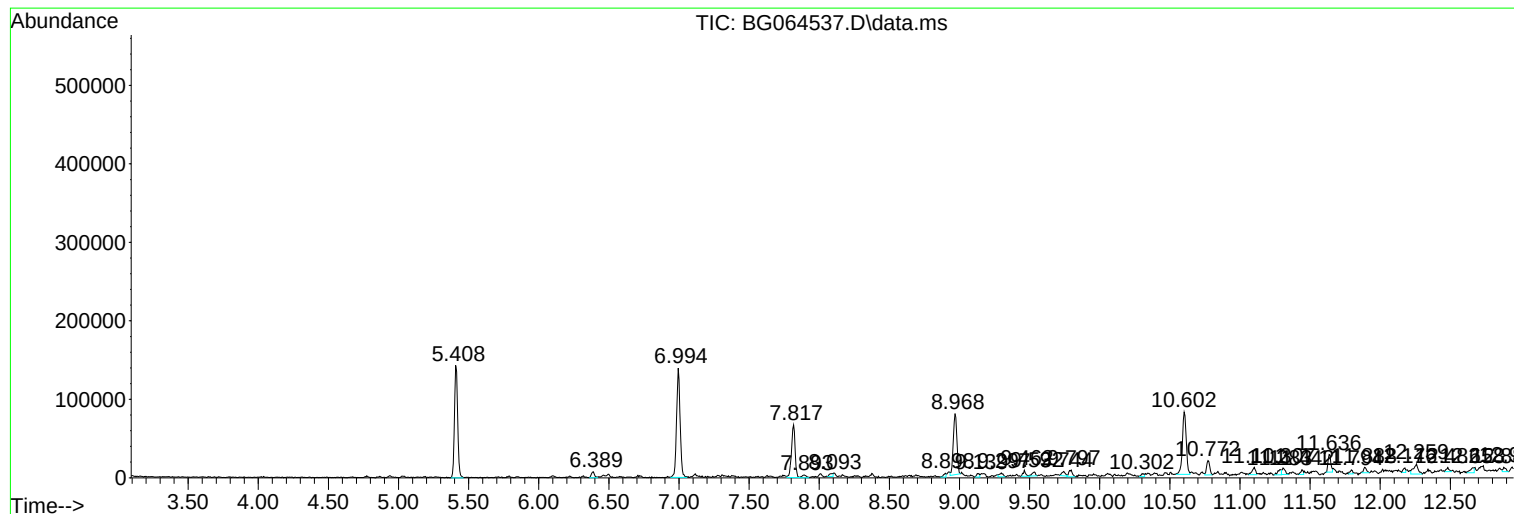
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
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Operator : RC/JU
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Misc : 8270/625.1 SPIKE
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Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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Operator : RC/JU
Sample : Q3363-01
Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

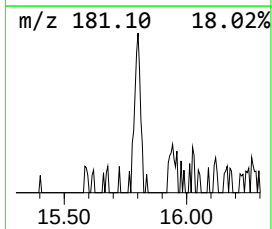
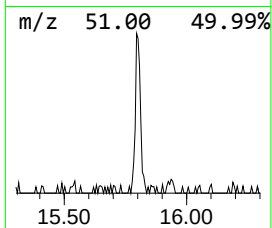
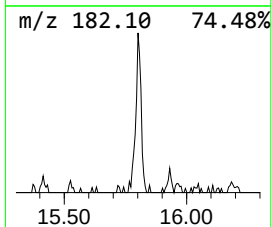
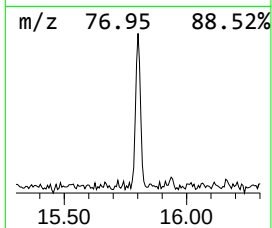
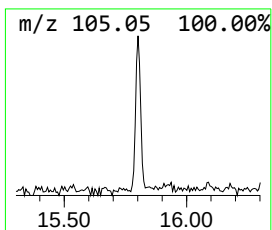
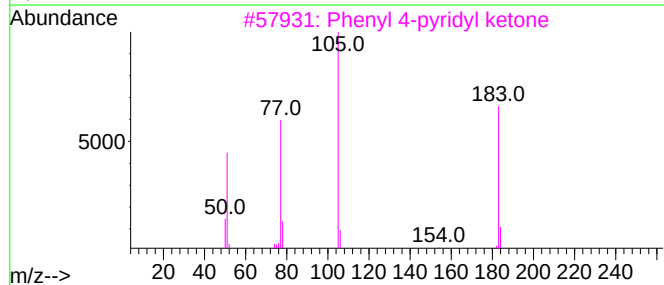
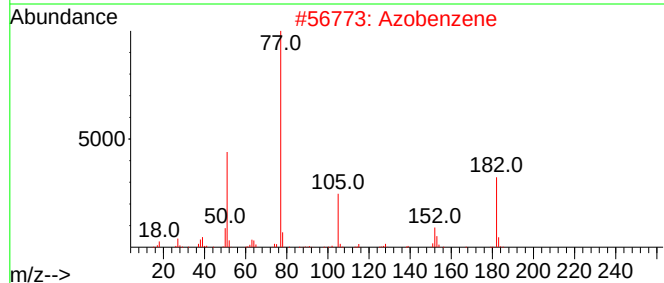
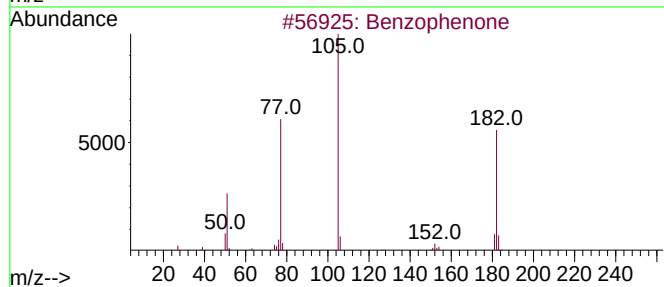
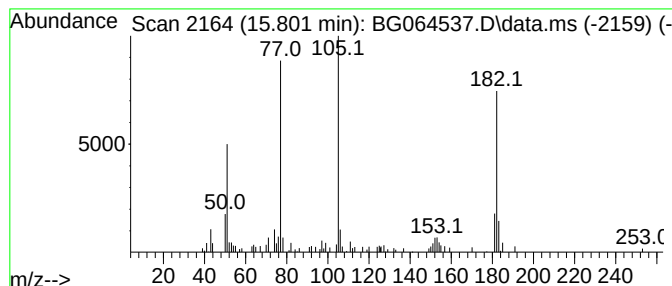
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.802	6.28 ng	69436	Acenaphthene-d10	14.444

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	91
2			Azobenzene	182	C12H10N2	000103-33-3	80
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
4			Benzamide, N-(1,3-dihydro-2-oxo-...	253	C15H11NO3	1010270-36-9	49
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49



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Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

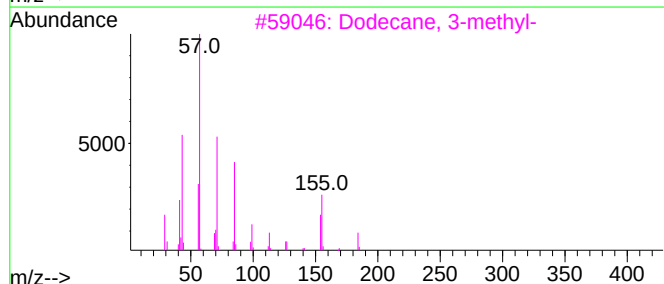
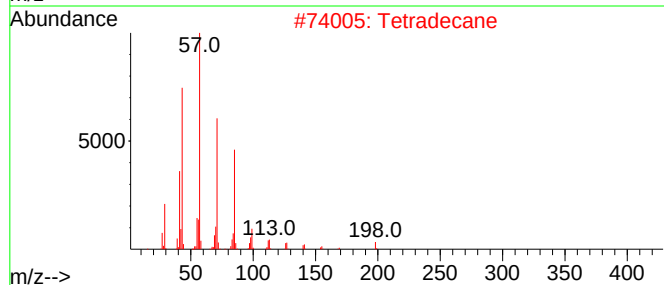
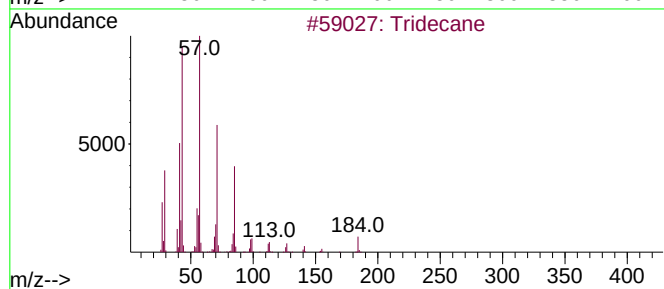
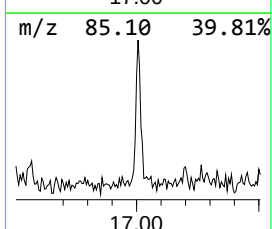
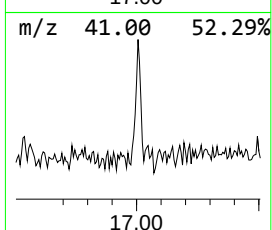
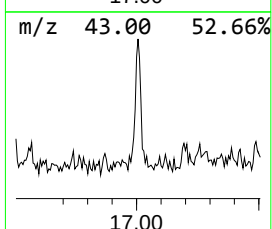
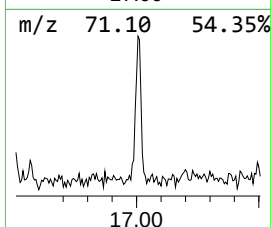
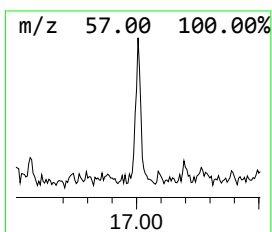
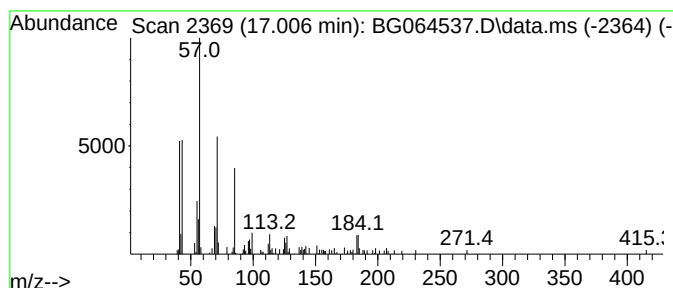
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.006	6.89 ng	96690	Phenanthrene-d10		17.188	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Tetradecane		198	C14H30	000629-59-4	87
3	Dodecane, 3-methyl-		184	C13H28	017312-57-1	83
4	Undecane		156	C11H24	001120-21-4	80
5	Nonadecane		268	C19H40	000629-92-5	80



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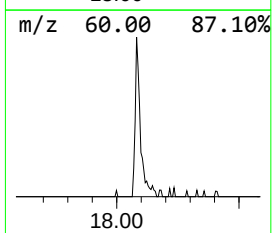
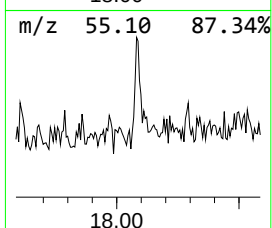
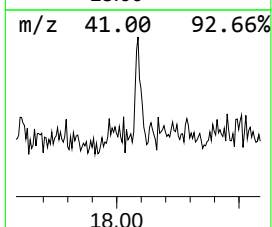
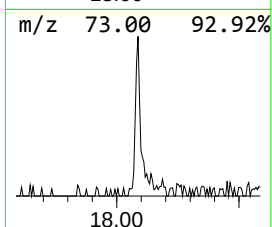
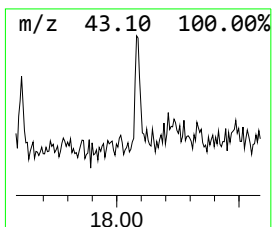
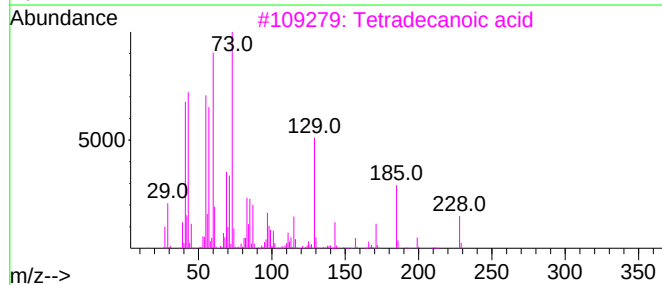
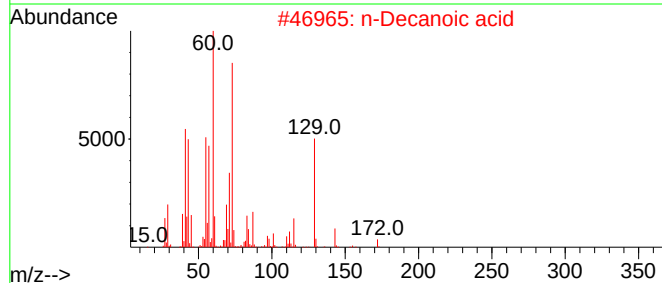
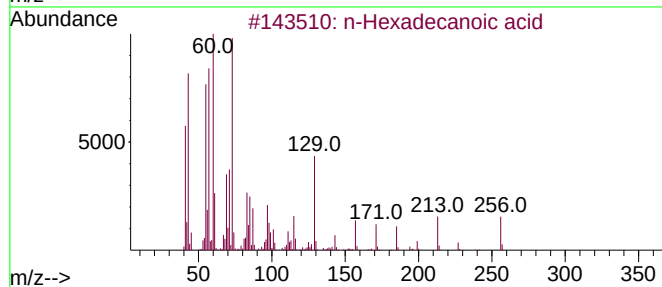
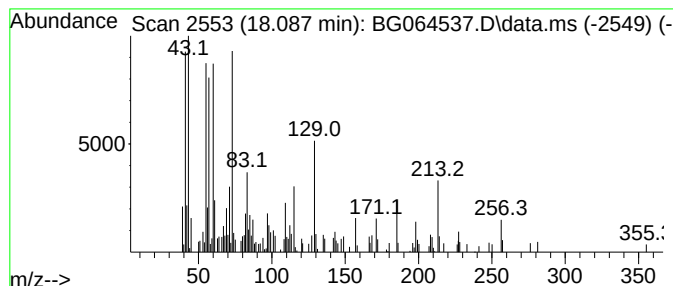
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.087	7.95 ng	111572	Phenanthrene-d10		17.188	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Decanoic acid		172	C10H20O2	000334-48-5	90
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	58
5	Undecanoic acid		186	C11H22O2	000112-37-8	55



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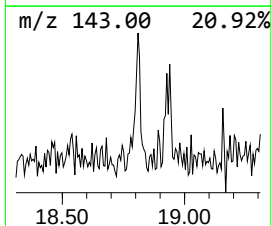
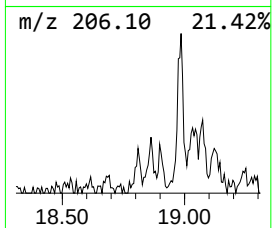
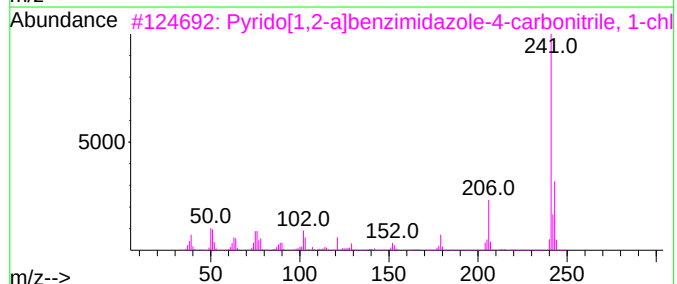
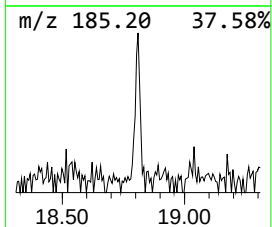
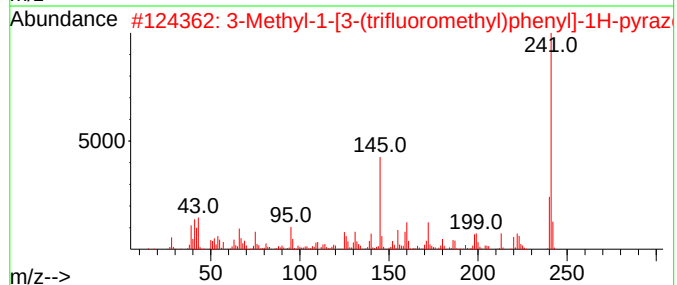
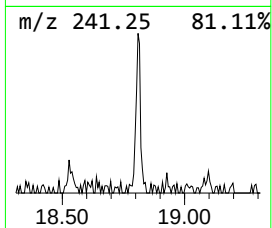
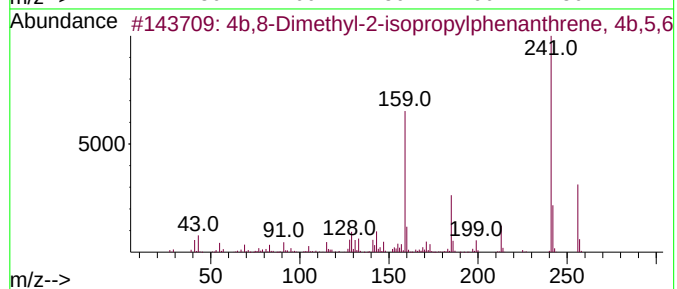
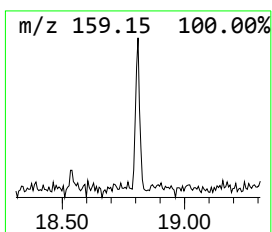
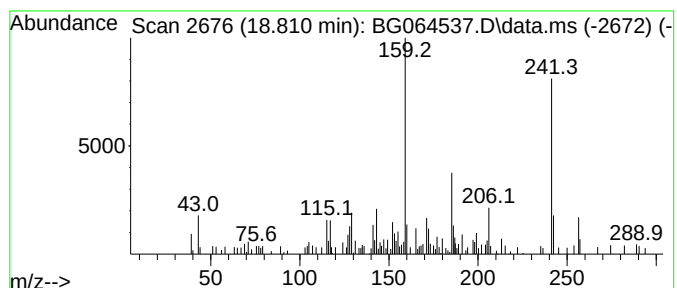
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	3.39 ng	47576	Phenanthrene-d10	17.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2			3-Methyl-1-[3-(trifluoromethyl)p...	241	C11H10F3N3	000345-07-3	25
3			Pyrido[1,2-a]benzimidazole-4-car...	241	C13H8C1N3	121105-78-0	25
4			Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	22
5			cis-Calamenene	202	C15H22	072937-55-4	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064537.D
Acq On : 17 Oct 2025 15:48
Operator : RC/JU
Sample : Q3363-01
Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

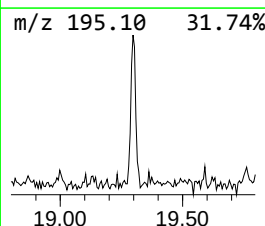
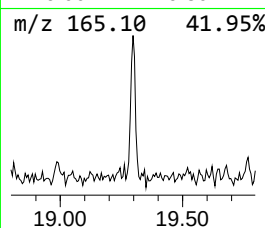
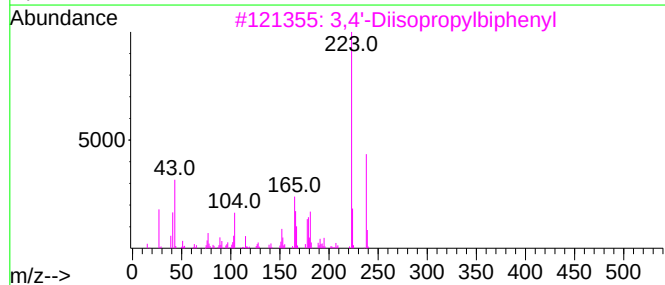
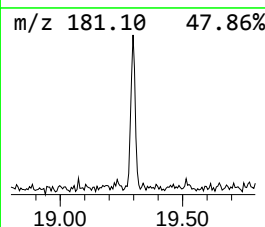
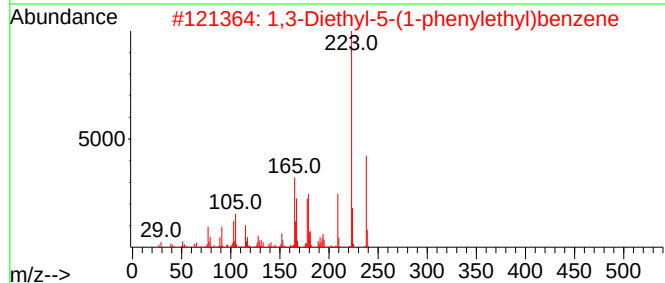
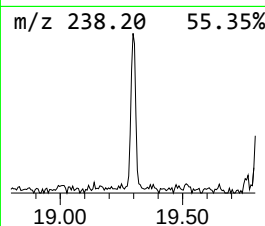
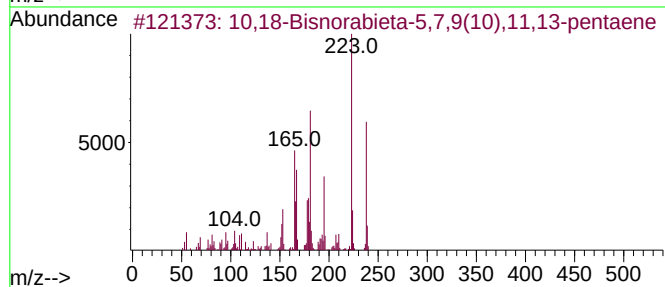
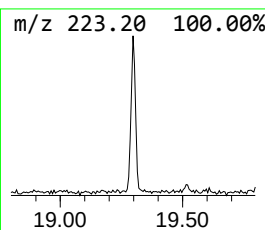
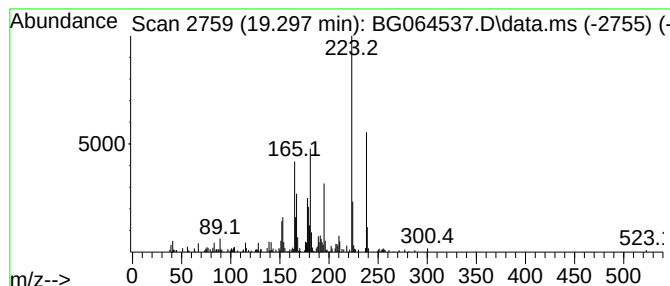
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.297	12.38 ng	173812	Phenanthrene-d10	17.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99		
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	93		
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58		
4	3,3'-Diacetylbiophenyl	238	C16H14O2	094113-07-2	45		
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064537.D
Acq On : 17 Oct 2025 15:48
Operator : RC/JU
Sample : Q3363-01
Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

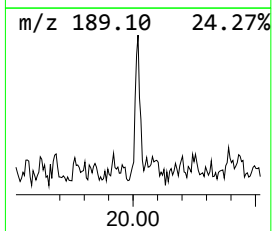
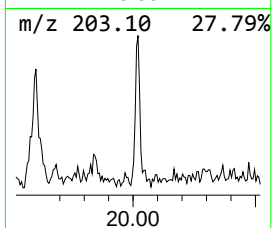
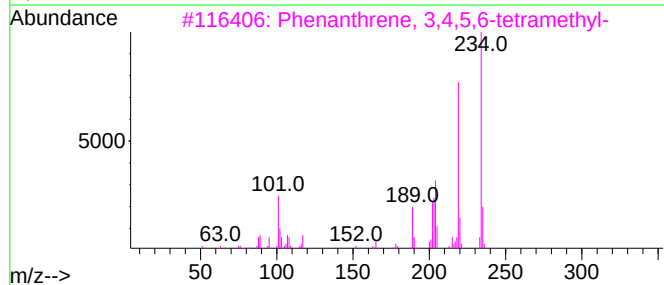
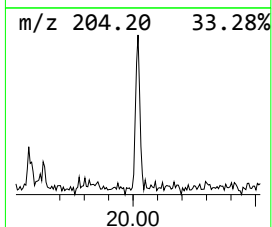
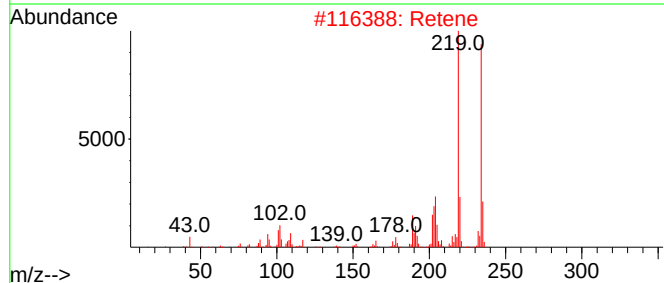
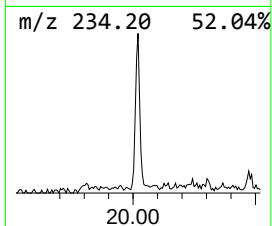
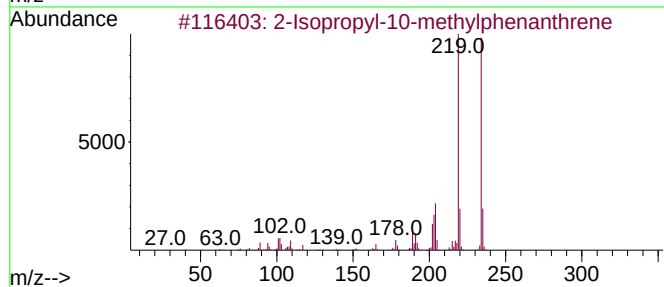
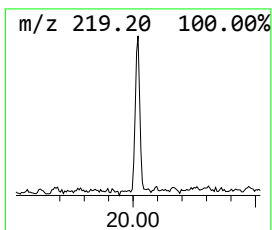
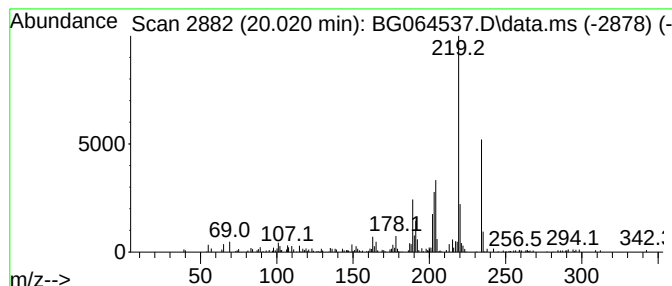
Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Isopropyl-10-methylphenan... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.020	5.94 ng	118423	Chrysene-d12	21.413	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	97
2	Retene	234	C18H18	000483-65-8	94
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	70
4	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	64
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064537.D
Acq On : 17 Oct 2025 15:48
Operator : RC/JU
Sample : Q3363-01
Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.802	6.3	ng	69436	3	14.444	220960	20.0
Tridecane	17.006	6.9	ng	96690	4	17.188	280764	20.0
n-Hexadecanoic ...	18.087	8.0	ng	111572	4	17.188	280764	20.0
4b,8-Dimethyl-2...	18.810	3.4	ng	47576	4	17.188	280764	20.0
10,18-Bisnorabi...	19.297	12.4	ng	173812	4	17.188	280764	20.0
2-Isopropyl-10-...	20.020	5.9	ng	118423	5	21.413	398716	20.0