

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057633.D
 Acq On : 31 May 2023 22:53
 Operator : CG/JU
 Sample : 02980-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-05302023

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-BG052723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.859	390	395	404	rBV	58245	100581	22.57%	2.438%
2	7.492	664	673	684	rBV	62732	115866	26.00%	2.808%
3	8.338	810	817	826	rVB2	113923	196154	44.01%	4.754%
4	9.442	1000	1005	1012	rVB4	3330	5554	1.25%	0.135%
5	9.519	1012	1018	1027	rBV	40152	86172	19.33%	2.088%
6	9.689	1044	1047	1055	rVB5	3382	5894	1.32%	0.143%
7	9.971	1087	1095	1099	rBV4	3214	6065	1.36%	0.147%
8	10.077	1109	1113	1118	rVB3	4353	6989	1.57%	0.169%
9	10.200	1128	1134	1139	rBV5	2755	5610	1.26%	0.136%
10	10.259	1139	1144	1148	rBV3	3538	6542	1.47%	0.159%
11	10.341	1153	1158	1161	rVV3	4894	7247	1.63%	0.176%
12	10.394	1161	1167	1172	rVB5	2872	7890	1.77%	0.191%
13	10.465	1172	1179	1183	rBV4	3896	8993	2.02%	0.218%
14	10.553	1188	1194	1200	rBV4	5545	10971	2.46%	0.266%
15	10.653	1207	1211	1214	rVB4	3630	5442	1.22%	0.132%
16	10.858	1239	1246	1250	rVB5	2919	6102	1.37%	0.148%
17	11.034	1273	1276	1281	rVB5	4538	7557	1.70%	0.183%
18	11.099	1281	1287	1292	rBV	28382	47448	10.65%	1.150%
19	11.175	1293	1300	1314	rVV	163892	296569	66.54%	7.187%
20	11.281	1314	1318	1325	rVB3	14212	23732	5.32%	0.575%
21	11.369	1325	1333	1339	rBV9	5667	16191	3.63%	0.392%
22	11.498	1350	1355	1360	rBV6	3622	7168	1.61%	0.174%
23	11.639	1371	1379	1383	rBV7	4278	9231	2.07%	0.224%
24	11.786	1400	1404	1408	rVB5	3198	4726	1.06%	0.115%
25	11.845	1408	1414	1418	rBV4	15244	30005	6.73%	0.727%
26	11.963	1428	1434	1442	rVB6	5786	12907	2.90%	0.313%
27	12.033	1442	1446	1450	rBV5	7158	12199	2.74%	0.296%
28	12.133	1457	1463	1468	rBV	18053	30241	6.79%	0.733%
29	12.239	1479	1481	1487	rVB4	3763	6737	1.51%	0.163%
30	12.344	1493	1499	1503	rBV5	11700	19721	4.42%	0.478%
31	12.397	1503	1508	1509	rBV4	3708	4722	1.06%	0.114%
32	12.521	1524	1529	1535	rBV	60901	90361	20.27%	2.190%
33	12.620	1539	1546	1550	rBV6	5347	11377	2.55%	0.276%
34	12.679	1550	1556	1559	rBV8	6040	12148	2.73%	0.294%
35	13.002	1605	1611	1613	rBV6	3269	6813	1.53%	0.165%
36	13.038	1613	1617	1622	rVB5	15020	23895	5.36%	0.579%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.085	1622	1625	1630	rBV7	4454	8536	1.92%	0.207%
38	13.143	1631	1635	1638	rBV6	4956	7022	1.58%	0.170%
39	13.220	1644	1648	1651	rBV3	6884	9057	2.03%	0.219%
40	13.314	1656	1664	1667	rBV7	8181	19731	4.43%	0.478%

41	13.408	1676	1680	1683	rVV5	6142	8357	1.88%	0.203%
42	13.455	1683	1688	1694	rVV3	13955	22378	5.02%	0.542%
43	13.502	1694	1696	1701	rVV4	4562	6073	1.36%	0.147%
44	13.578	1703	1709	1715	rVV	122973	189510	42.52%	4.593%
45	13.666	1719	1724	1726	rVB5	3413	4820	1.08%	0.117%

46	13.737	1731	1736	1742	rVB	32377	46826	10.51%	1.135%
47	13.825	1747	1751	1754	rVV6	4322	6130	1.38%	0.149%
48	13.889	1758	1762	1769	rVB6	8781	15342	3.44%	0.372%
49	13.977	1775	1777	1782	rVB6	3160	4602	1.03%	0.112%
50	14.212	1814	1817	1818	rBV2	4956	5158	1.16%	0.125%

51	14.271	1822	1827	1829	rVV5	3969	6929	1.55%	0.168%
52	14.389	1845	1847	1852	rVB3	10261	13013	2.92%	0.315%
53	14.447	1854	1857	1862	rVB6	5753	9134	2.05%	0.221%
54	14.512	1862	1868	1873	rBV8	6723	11947	2.68%	0.290%
55	14.688	1891	1898	1904	rBV8	5367	14276	3.20%	0.346%

56	14.794	1912	1916	1923	rVB2	22998	31994	7.18%	0.775%
57	14.911	1933	1936	1937	rBV3	4299	4574	1.03%	0.111%
58	14.953	1937	1943	1950	rVB	235949	372789	83.64%	9.035%
59	15.070	1961	1963	1969	rVB6	4441	7095	1.59%	0.172%
60	15.141	1972	1975	1981	rVV6	3503	5704	1.28%	0.138%

61	15.293	1998	2001	2005	rVB4	4727	5611	1.26%	0.136%
62	15.334	2005	2008	2010	rBV5	5747	7553	1.69%	0.183%
63	15.411	2017	2021	2024	rBV4	9571	13278	2.98%	0.322%
64	15.481	2030	2033	2040	rVB7	5668	10003	2.24%	0.242%
65	15.564	2040	2047	2049	rBV7	7154	15779	3.54%	0.382%

66	15.740	2072	2077	2082	rBV	27508	37051	8.31%	0.898%
67	15.945	2107	2112	2114	rBV6	4228	5937	1.33%	0.144%
68	15.987	2114	2119	2125	rVV6	6077	16143	3.62%	0.391%
69	16.145	2137	2146	2151	rBV3	16333	33794	7.58%	0.819%
70	16.186	2151	2153	2157	rVB5	3403	4584	1.03%	0.111%

71	16.286	2168	2170	2174	rVB4	7347	8519	1.91%	0.206%
72	16.368	2180	2184	2186	rBV4	4449	6251	1.40%	0.151%
73	16.439	2191	2196	2208	rVB2	85313	136689	30.67%	3.313%
74	16.597	2218	2223	2225	rBV	34864	44422	9.97%	1.077%
75	16.862	2263	2268	2269	rBV3	4855	5997	1.35%	0.145%

76	16.932	2278	2280	2284	rBV5	3984	5821	1.31%	0.141%
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77	17.056	2296	2301	2305	rBV7	5479	9744	2.19%	0.236%
78	17.390	2354	2358	2362	rVB	28300	34549	7.75%	0.837%
79	17.437	2362	2366	2371	rVB	17587	24612	5.52%	0.596%
80	17.696	2403	2410	2414	rBV	286464	445693	100.00%	10.801%
81	17.737	2414	2417	2423	rVB	54384	79379	17.81%	1.924%
82	17.825	2429	2432	2436	rBV2	7630	10853	2.44%	0.263%
83	18.037	2466	2468	2473	rVB6	5592	7429	1.67%	0.180%
84	18.125	2479	2483	2488	rVB	32276	45089	10.12%	1.093%
85	18.401	2528	2530	2532	rBV3	6004	7082	1.59%	0.172%
86	18.530	2548	2552	2554	rBV5	17625	24998	5.61%	0.606%
87	18.806	2595	2599	2603	rVB2	30194	41721	9.36%	1.011%
88	19.423	2701	2704	2707	rBV2	36754	44158	9.91%	1.070%
89	19.458	2707	2710	2713	rVB3	26011	30139	6.76%	0.730%
90	19.723	2752	2755	2763	rVB	74454	100383	22.52%	2.433%
91	20.087	2813	2817	2822	rVB	80283	115820	25.99%	2.807%
92	20.257	2842	2846	2851	rVB	199440	246117	55.22%	5.965%
93	21.996	3137	3142	3148	rVB	243108	414223	92.94%	10.039%

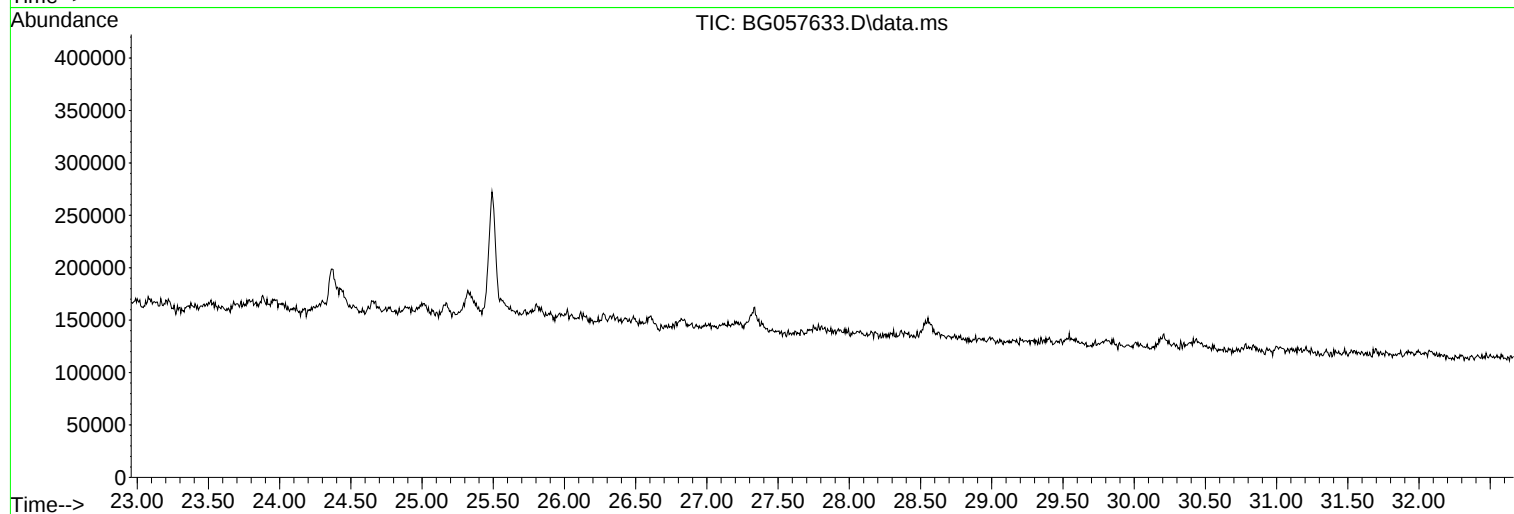
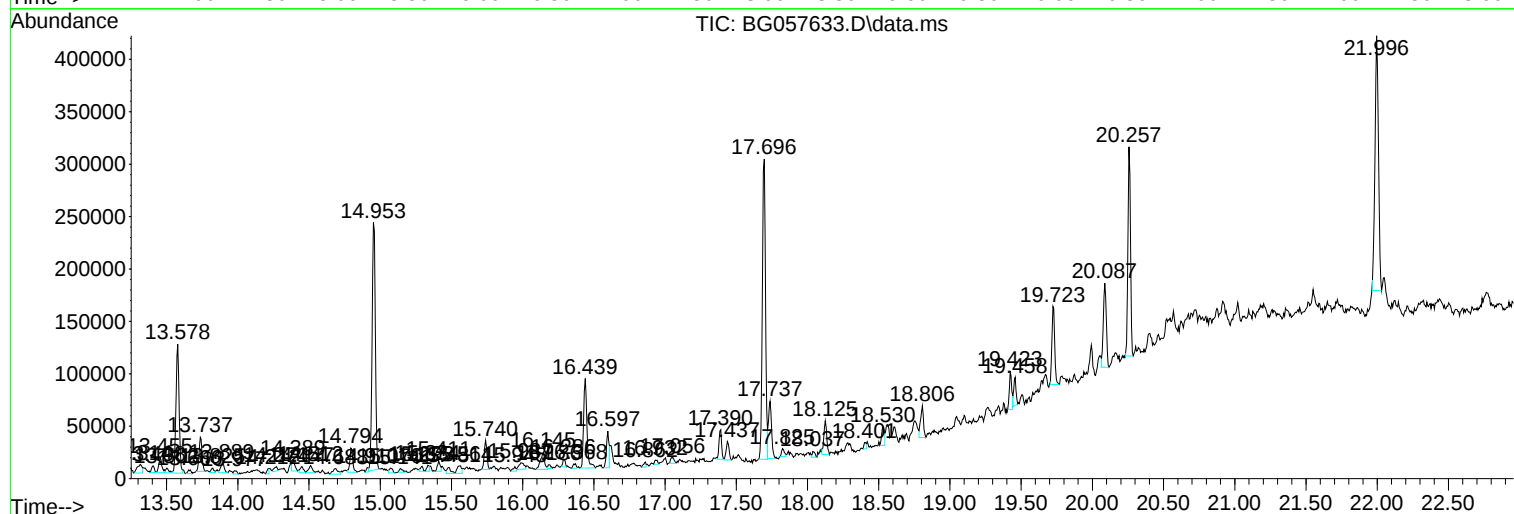
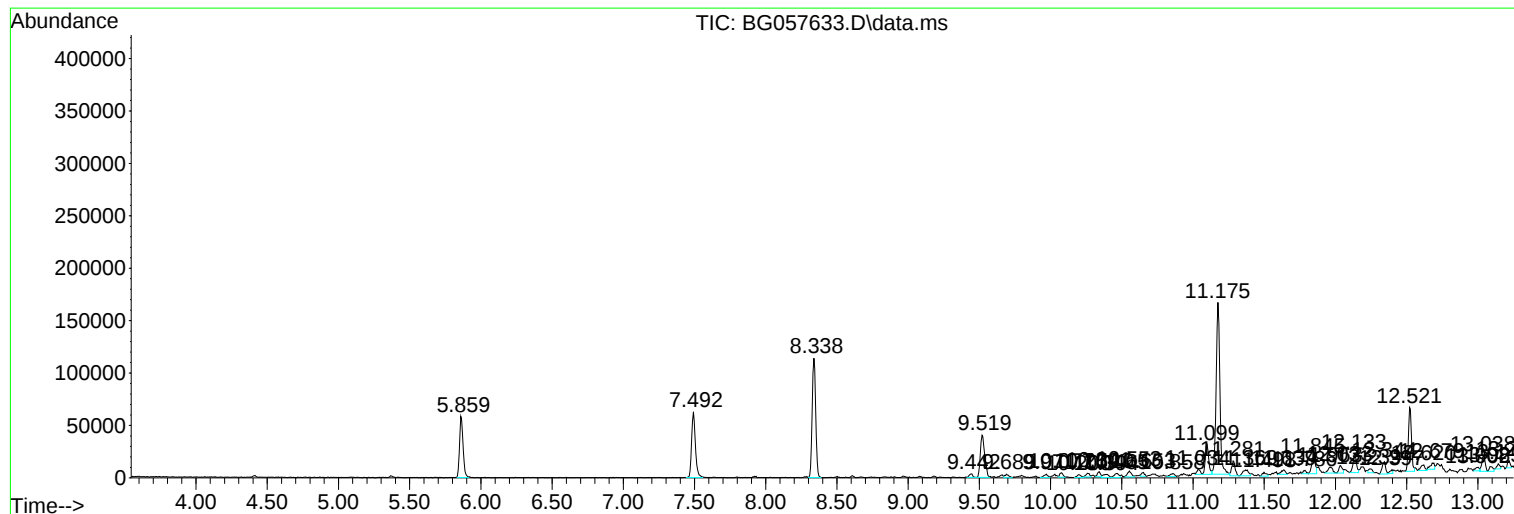
Sum of corrected areas: 4126238

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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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Instrument :
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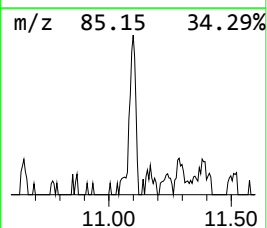
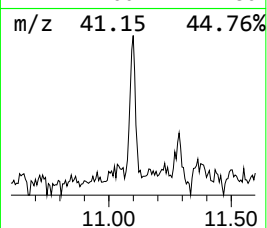
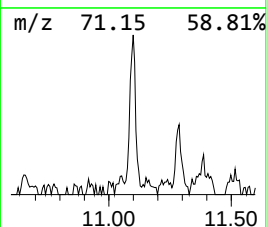
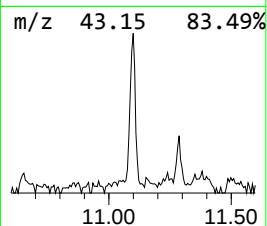
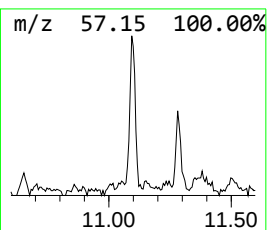
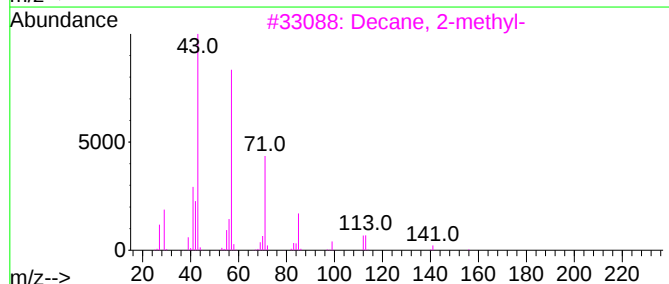
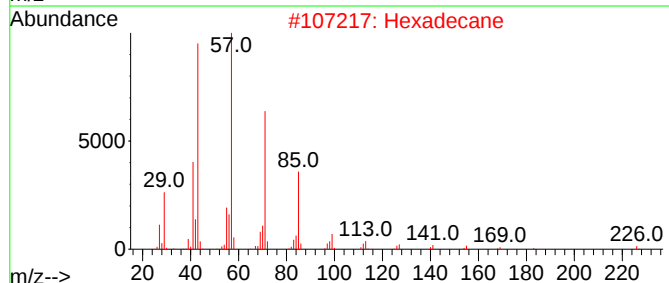
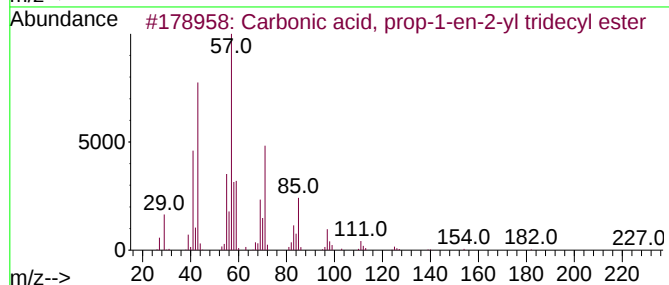
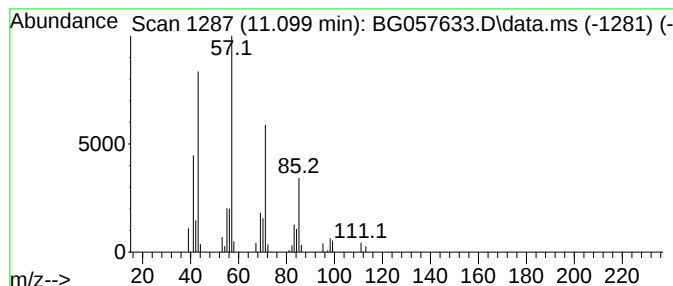
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Carbonic acid, prop-1-en-2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.099	3.20 ng	47448	Naphthalene-d8	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
2			Hexadecane	226	C16H34	000544-76-3	53
3			Decane, 2-methyl-	156	C11H24	006975-98-0	53
4			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	53
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50



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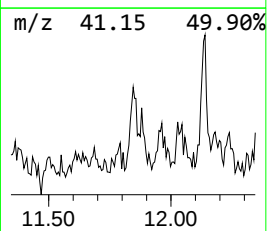
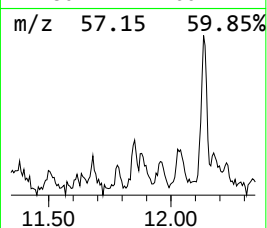
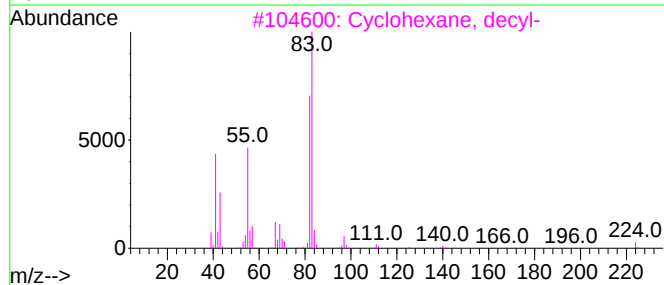
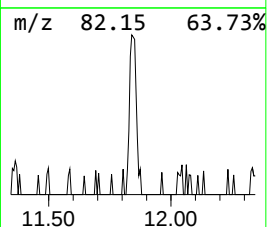
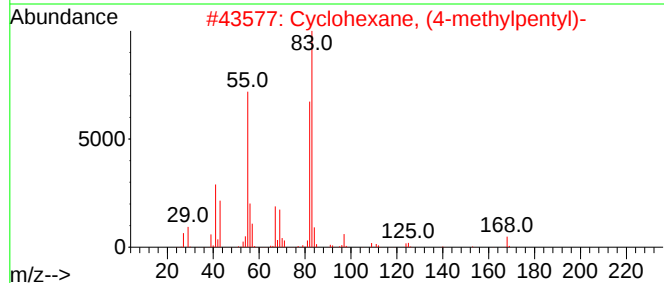
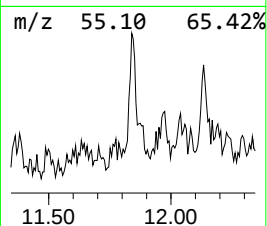
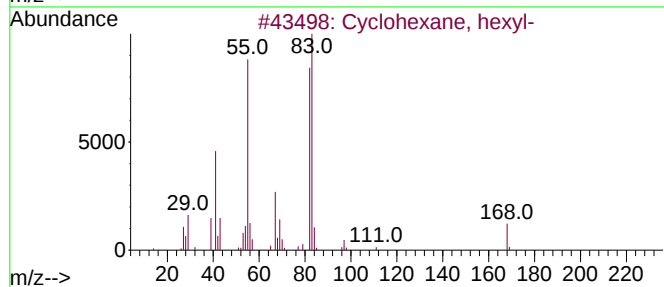
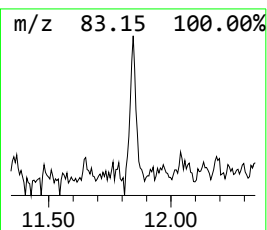
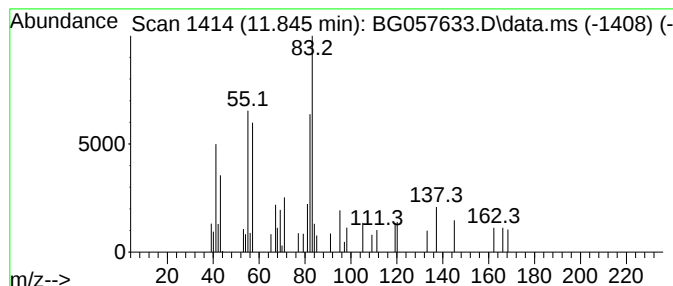
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	2.02 ng	30005	Naphthalene-d8	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	60
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
3			Cyclohexane, decyl-	224	C16H32	001795-16-0	43
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



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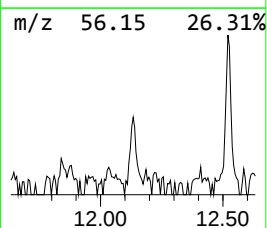
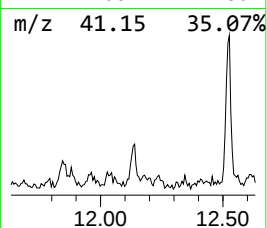
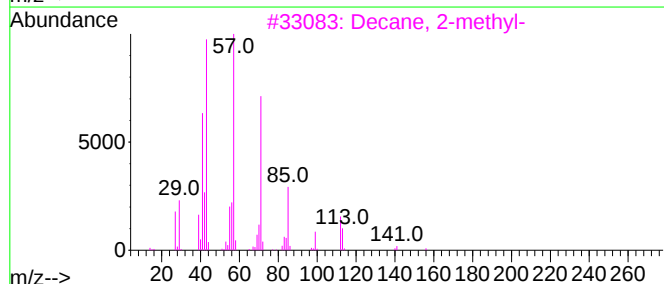
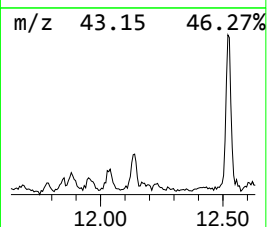
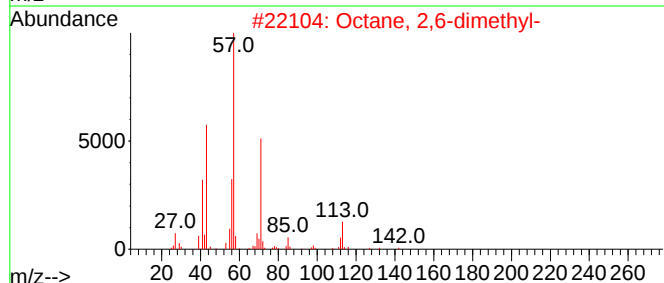
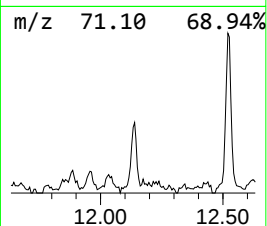
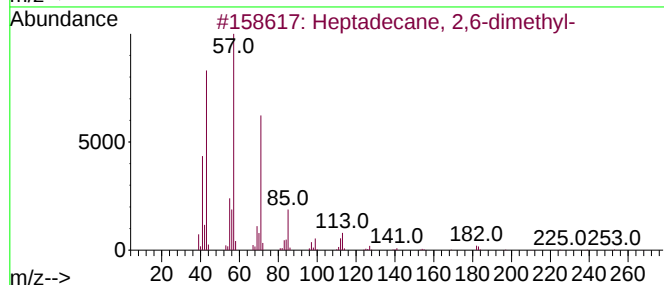
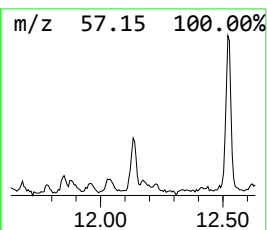
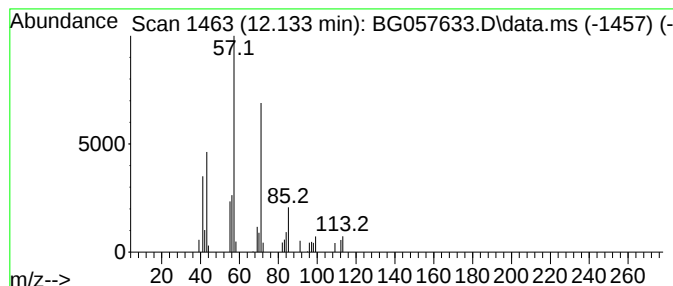
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	2.04 ng	30241	Naphthalene-d8	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Decane, 2-methyl-	156	C11H24	006975-98-0	53
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057633.D
Acq On : 31 May 2023 22:53
Operator : CG/JU
Sample : 02980-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-05302023

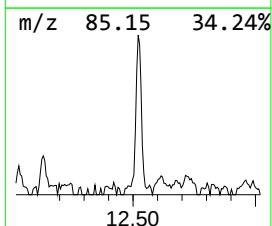
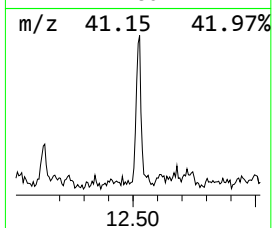
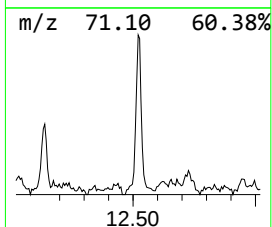
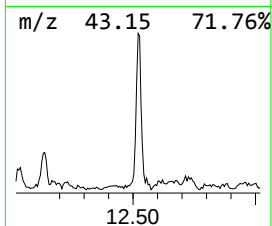
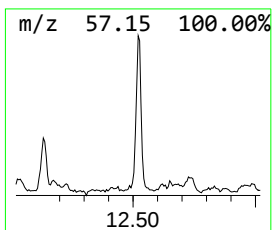
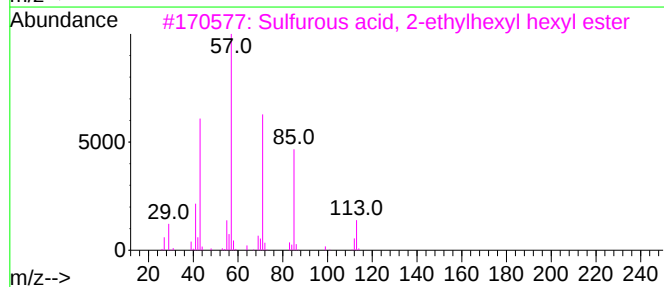
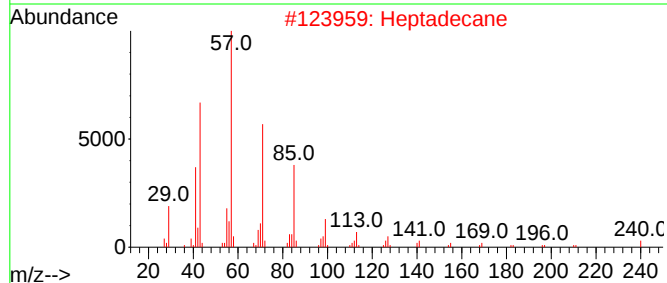
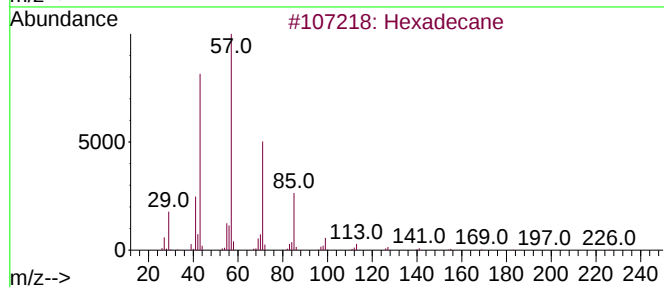
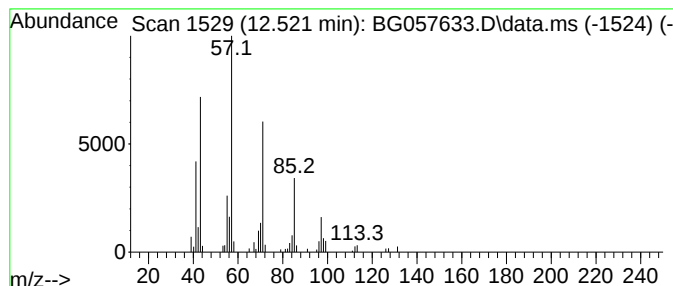
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	6.09 ng	90361	Naphthalene-d8	11.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	72
2			Heptadecane	240	C17H36	000629-78-7	59
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	59
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057633.D
Acq On : 31 May 2023 22:53
Operator : CG/JU
Sample : 02980-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-05302023

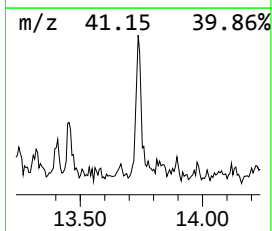
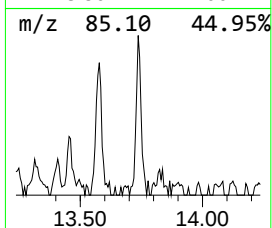
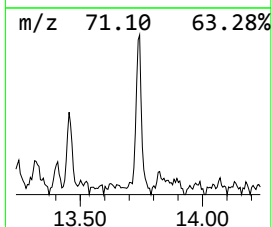
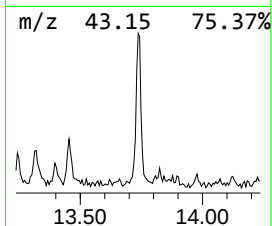
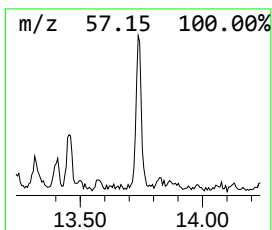
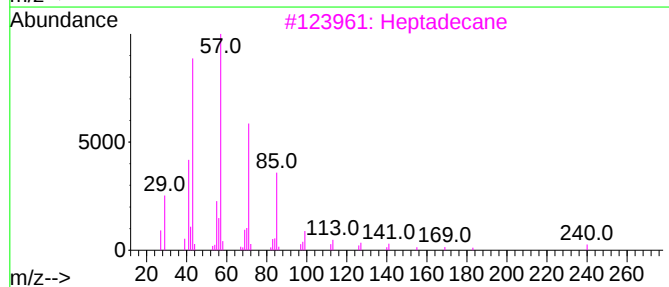
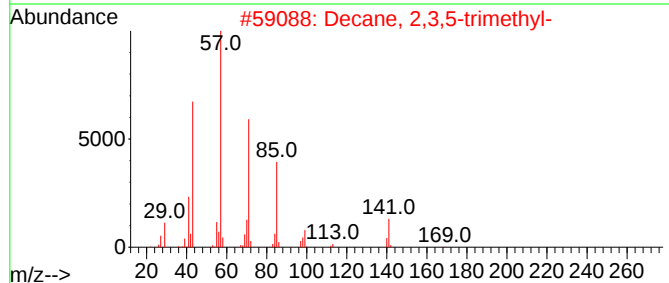
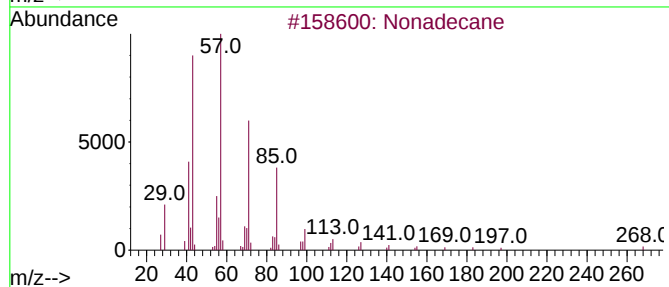
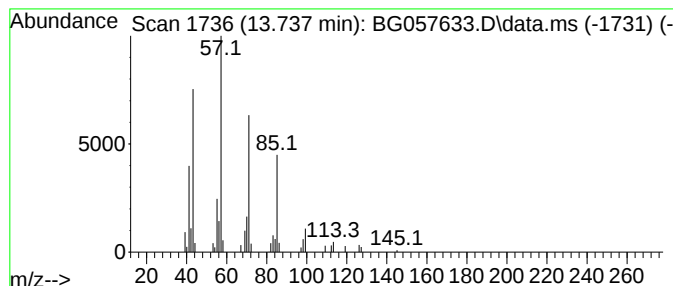
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.737	2.51 ng	46826	Acenaphthene-d10	14.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3			Heptadecane	240	C17H36	000629-78-7	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Tetracosane	338	C24H50	000646-31-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057633.D
Acq On : 31 May 2023 22:53
Operator : CG/JU
Sample : 02980-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-05302023

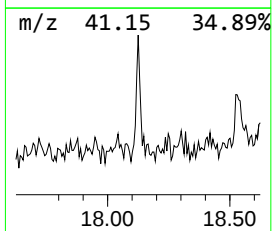
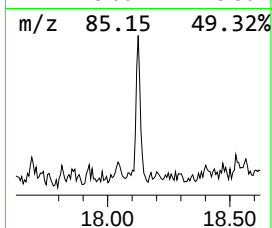
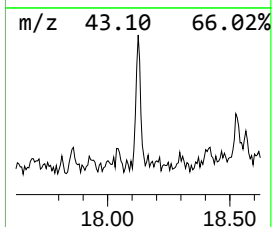
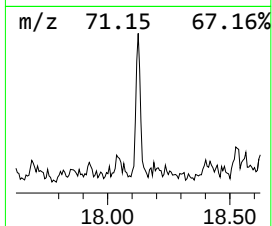
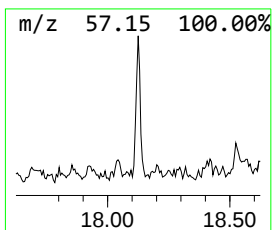
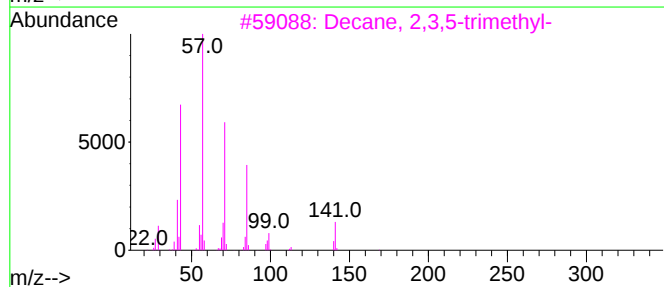
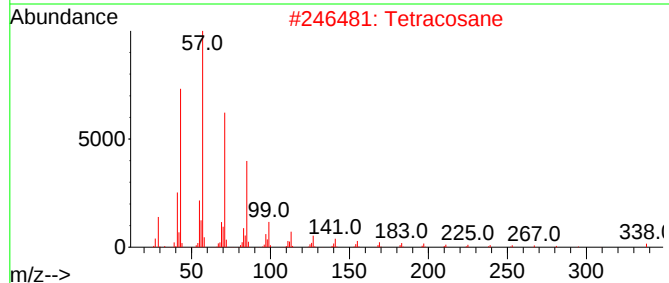
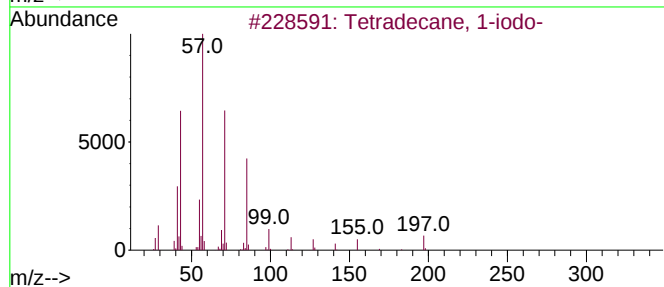
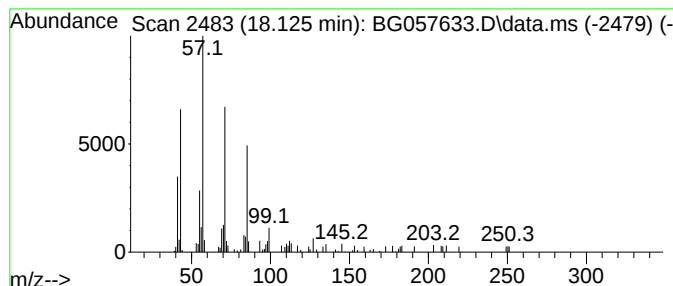
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	2.02 ng	45089	Phenanthrene-d10	17.696

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057633.D
Acq On : 31 May 2023 22:53
Operator : CG/JU
Sample : 02980-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-05302023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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
Carbonic acid, ...	11.099	3.2	ng	47448	2	11.175	296569	20.0
Cyclohexane, he...	11.845	2.0	ng	30005	2	11.175	296569	20.0
Heptadecane, 2,...	12.133	2.0	ng	30241	2	11.175	296569	20.0
Hexadecane	12.521	6.1	ng	90361	2	11.175	296569	20.0
Nonadecane	13.737	2.5	ng	46826	3	14.953	372789	20.0
Tetradecane, 1-...	18.125	2.0	ng	45089	4	17.696	445693	20.0