LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142667.D
Acq On : 07 Jun 2025 03:08
Operator : RC/JU
Sample : Q2226-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP06-MHI-WC

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_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	488	496	506	rBV	154927	235362	9.91%	1.413%
2	5.510	558	564	569	rBV	1530136	1991123	83.85%	11.951%
3	6.516	729	735	752	rBV	1525120	2071482	87.23%	12.433%
4	6.892	794	799	804	rBV	596877	730468	30.76%	4.384%
5	7.451	888	894	905	rBV	980294	1299103	54.71%	7.797%
6	8.175	1012	1017	1025	rBV	743065	941995	39.67%	5.654%
7	9.251	1194	1200	1205	rBV	1919054	2374638	100.00%	14.253%
8	9.933	1311	1316	1329	rBV	839467	1033483	43.52%	6.203%
9	10.645	1432	1437	1444	rBV	173523	213111	8.97%	1.279%
10	10.722	1444	1450	1464	rVV	1086497	1397680	58.86%	8.389%
11	11.422	1564	1569	1584	rBV	677750	870067	36.64%	5.222%
12	11.939	1653	1657	1671	rBV2	37262	69860	2.94%	0.419%
13	13.004	1833	1838	1850	rBV	1241148	1594351	67.14%	9.569%
14	13.574	1930	1935	1943	rVB	26385	38897	1.64%	0.233%
15	13.904	1986	1991	2006	rBV	69189	119134	5.02%	0.715%
16	14.063	2013	2018	2029	rVB	477023	629104	26.49%	3.776%
17	14.221	2038	2045	2051	rBV	35096	50174	2.11%	0.301%
18	14.527	2092	2097	2104	rBV	37476	55431	2.33%	0.333%
19	14.839	2145	2150	2155	rBV	34123	47521	2.00%	0.285%
20	15.186	2205	2209	2216	rVB	31433	46376	1.95%	0.278%
21	15.557	2265	2272	2284	rBV	465627	782845	32.97%	4.699%
22	16.027	2347	2352	2359	rBV	21463	39551	1.67%	0.237%
23	16.551	2436	2441	2452	rVB4	14251	29353	1.24%	0.176%

Sum of corrected areas: 16661109

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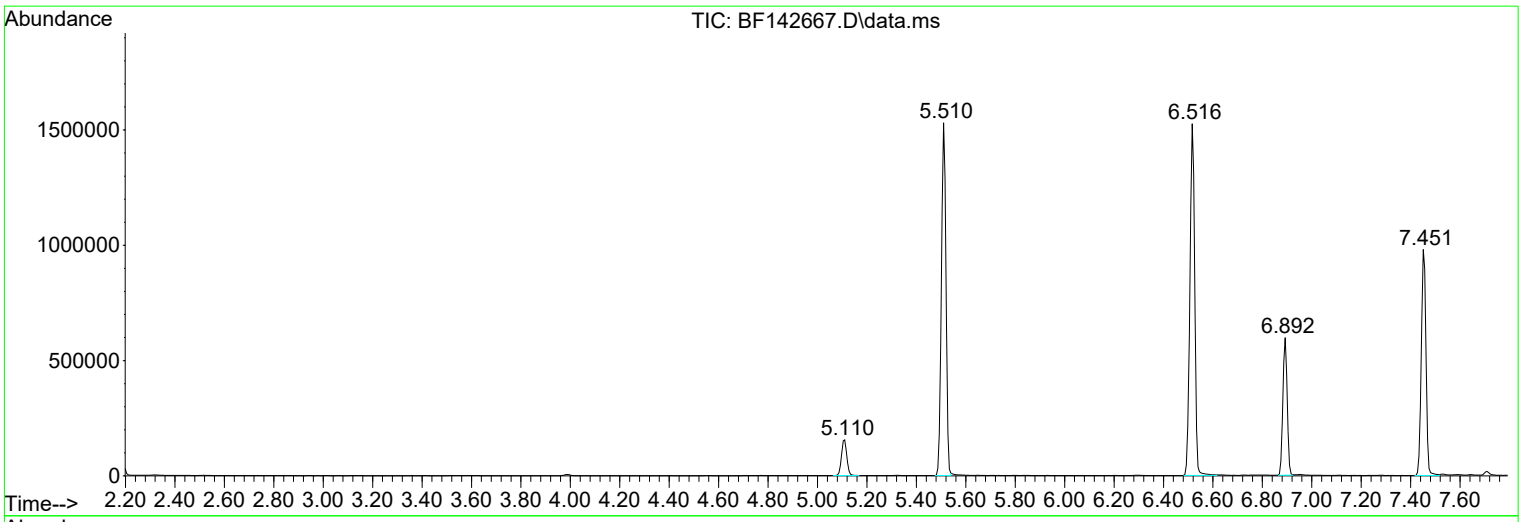
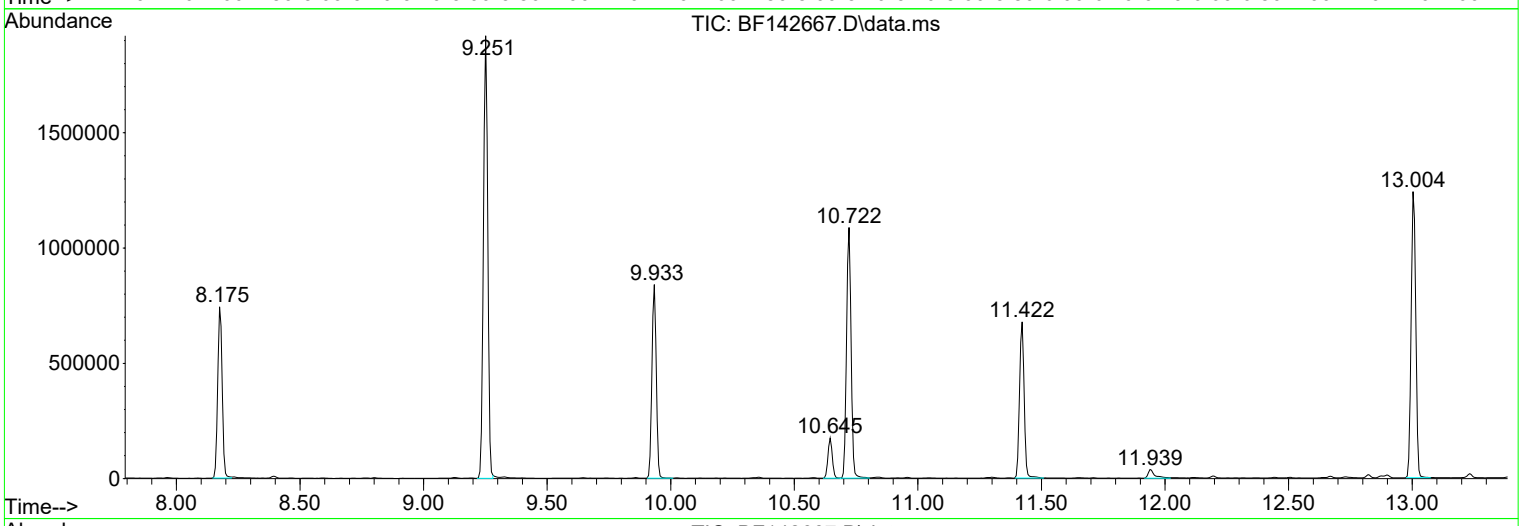
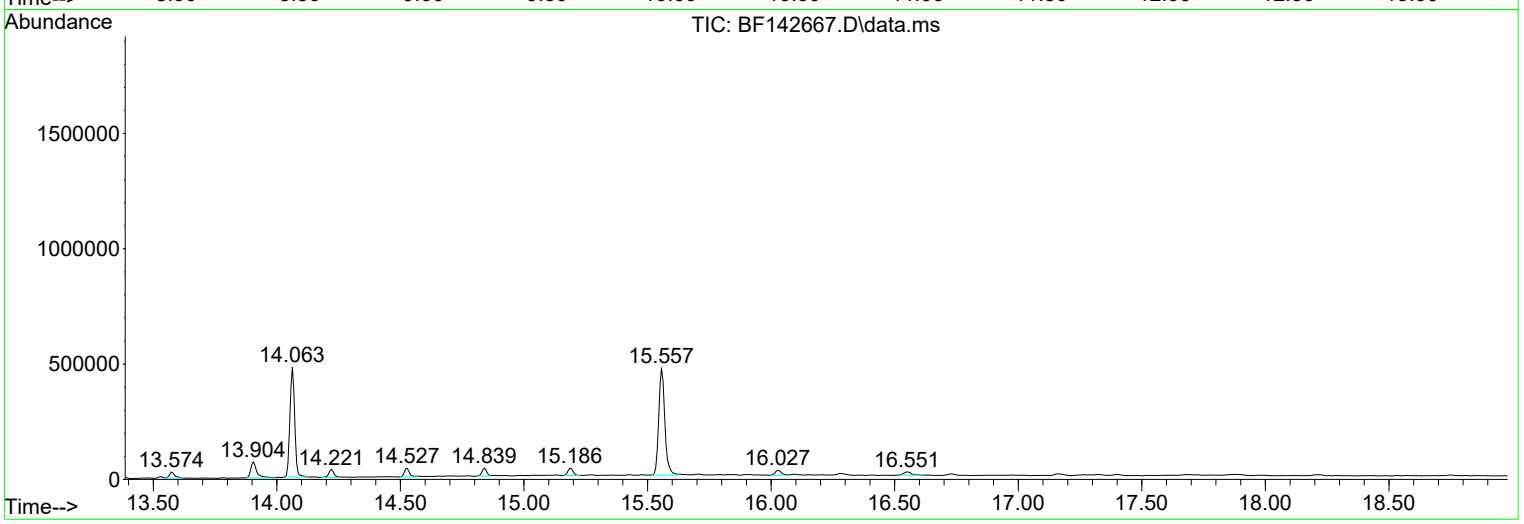
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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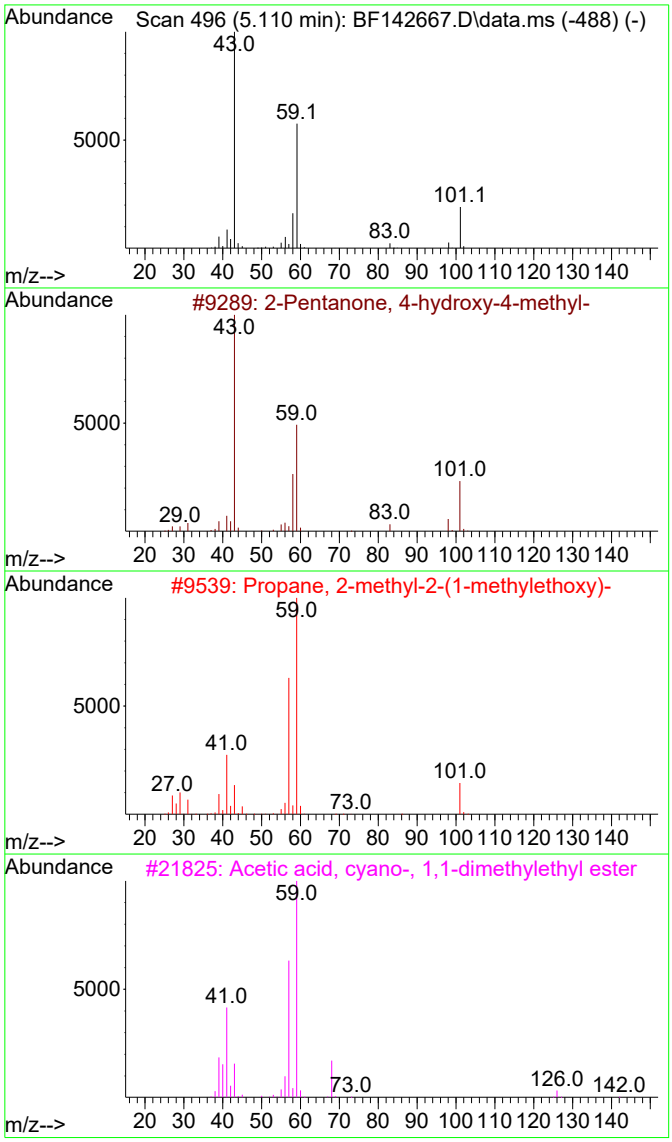
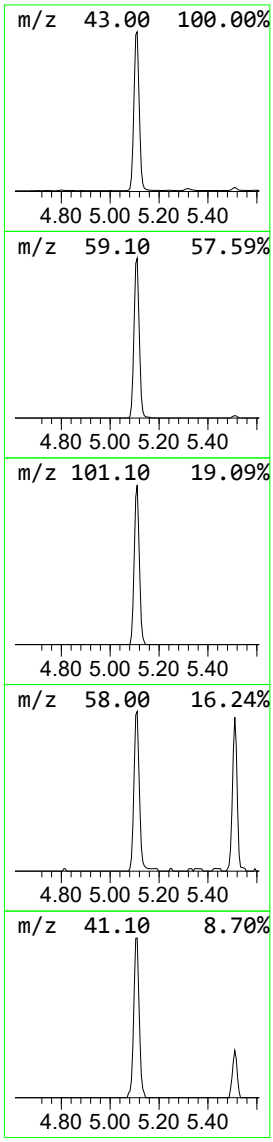
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.44 ng	235362	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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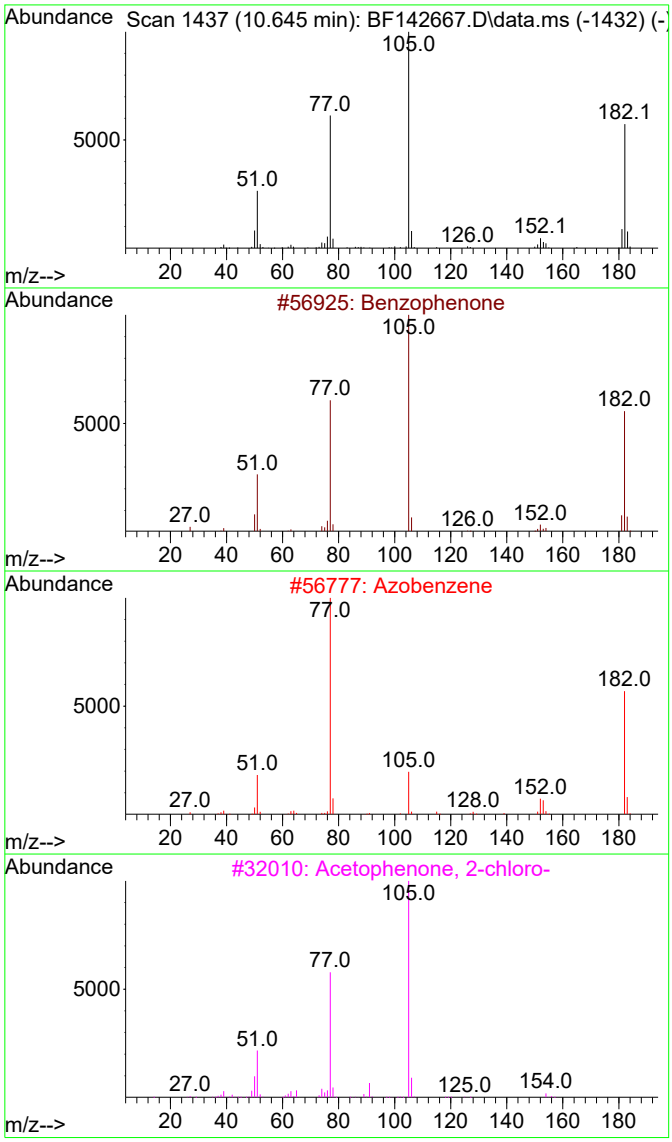
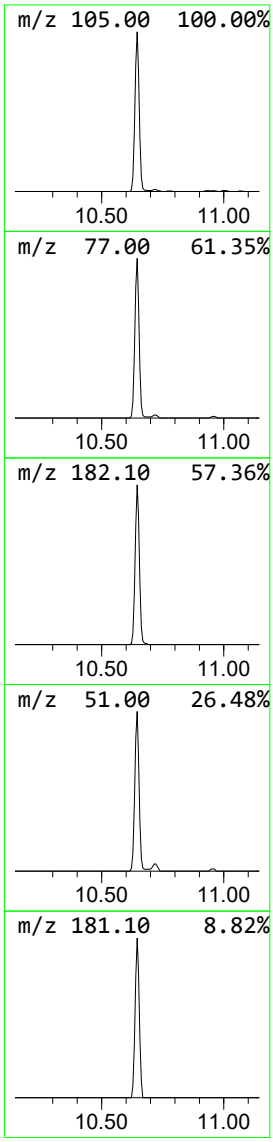
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.12 ng	213111	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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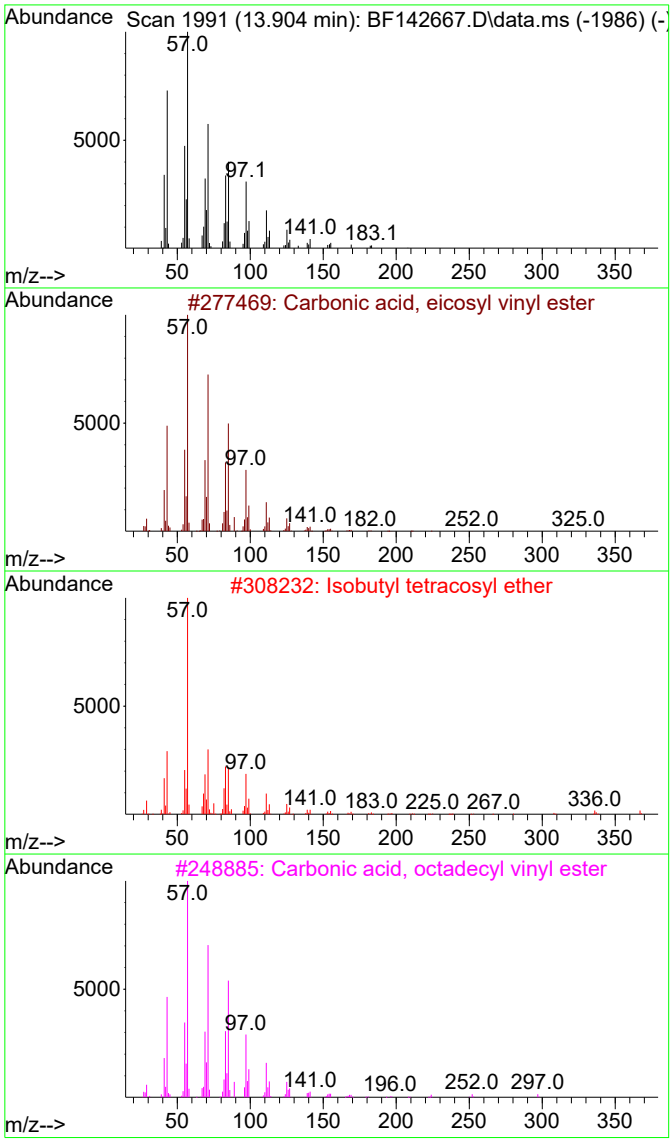
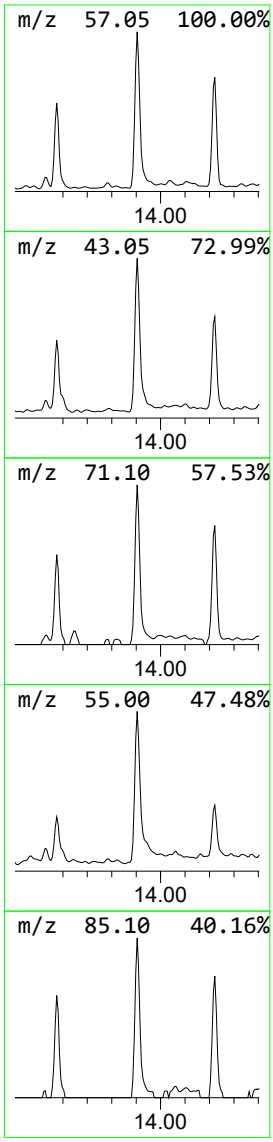
****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.79 ng	119134	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	87
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
4	Isobutyl hexadecyl ether	298	C20H42O	1000406-32-8	86
5	Isobutyl tetradecyl ether	270	C18H38O	1000406-32-7	86





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	6.4	ng	235362	1	6.892	730468	20.0
Benzophenone	10.645	4.1	ng	213111	3	9.933	1033480	20.0
Carbonic acid, ...	13.904	3.8	ng	119134	5	14.063	629104	20.0