LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141344.D
Acq On : 31 Jan 2025 20:56
Operator : RC/JU
Sample : Q1239-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
357

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	486	496	504	rVB2	27533	52391	1.44%	0.204%
2	5.422	560	566	587	rVB	2366596	3285680	90.26%	12.787%
3	6.440	733	739	762	rVB	2361539	3352188	92.09%	13.046%
4	6.798	795	800	805	rBV	759937	933288	25.64%	3.632%
5	7.357	887	895	900	rBV	1619189	2162432	59.41%	8.416%
6	7.616	934	939	950	rVB	72571	91456	2.51%	0.356%
7	8.081	1012	1018	1031	rVB	978065	1259593	34.60%	4.902%
8	8.298	1050	1055	1062	rBV	34562	45271	1.24%	0.176%
9	9.157	1195	1201	1206	rBV	2813249	3640104	100.00%	14.166%
10	9.834	1308	1316	1321	rBV	1091462	1363549	37.46%	5.307%
11	10.551	1432	1438	1445	rBV	405874	529732	14.55%	2.062%
12	10.622	1445	1450	1467	rBV	1540582	2122381	58.31%	8.260%
13	11.322	1564	1569	1577	rBV	938100	1284929	35.30%	5.001%
14	11.857	1655	1660	1670	rBV	362956	564866	15.52%	2.198%
15	12.533	1770	1775	1782	rBV	104977	143202	3.93%	0.557%
16	12.645	1789	1794	1804	rBV3	30694	69890	1.92%	0.272%
17	12.763	1807	1814	1819	rVB	84068	125356	3.44%	0.488%
18	12.910	1833	1839	1844	rBV	2092074	2664712	73.20%	10.370%
19	13.963	2012	2018	2031	rVB	687328	985871	27.08%	3.837%
20	15.004	2190	2195	2203	rVB	44671	102368	2.81%	0.398%
21	15.357	2251	2255	2260	rVV	28804	43422	1.19%	0.169%
22	15.421	2260	2266	2282	rVB	542209	872846	23.98%	3.397%

Sum of corrected areas: 25695527

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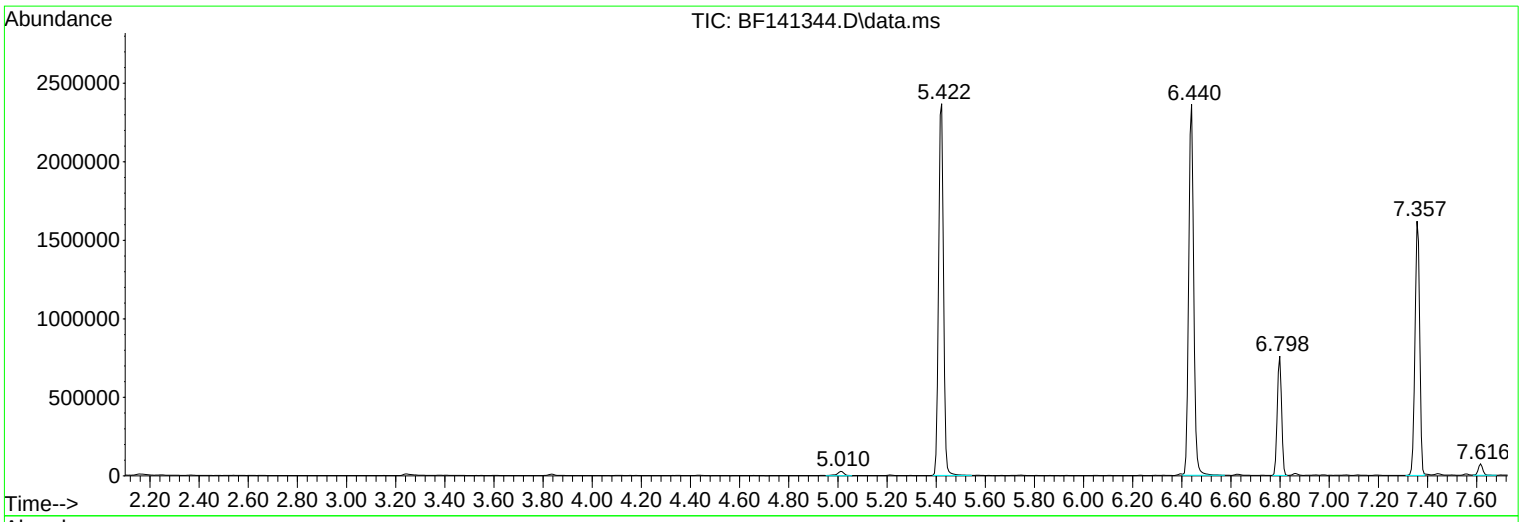
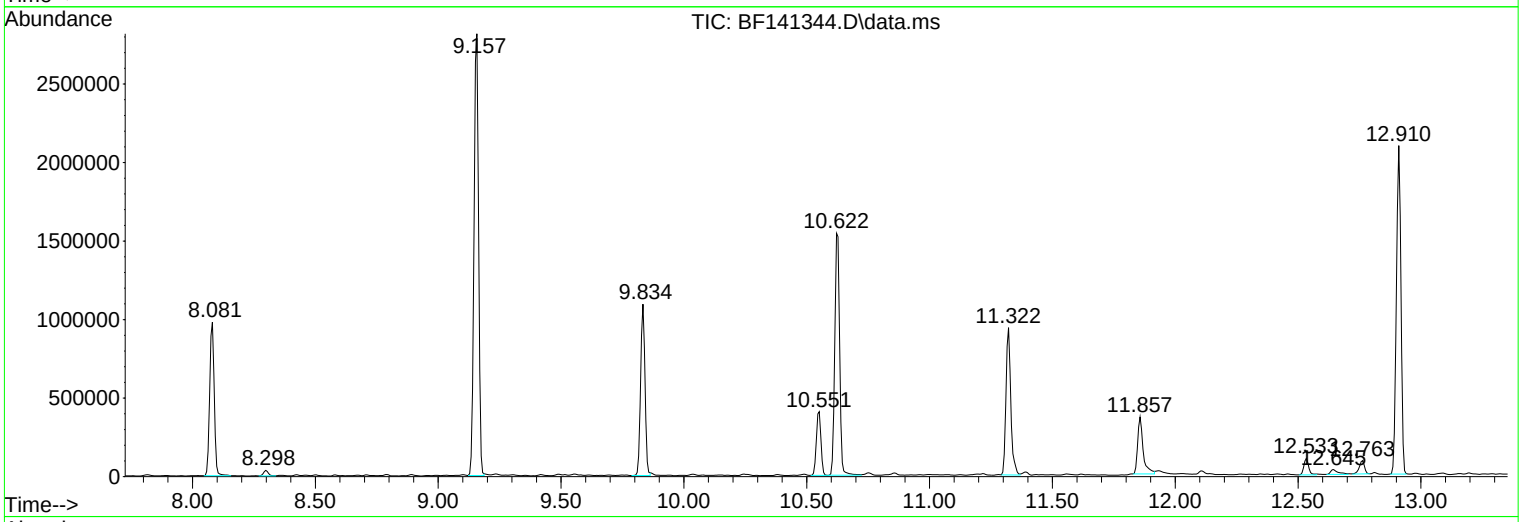
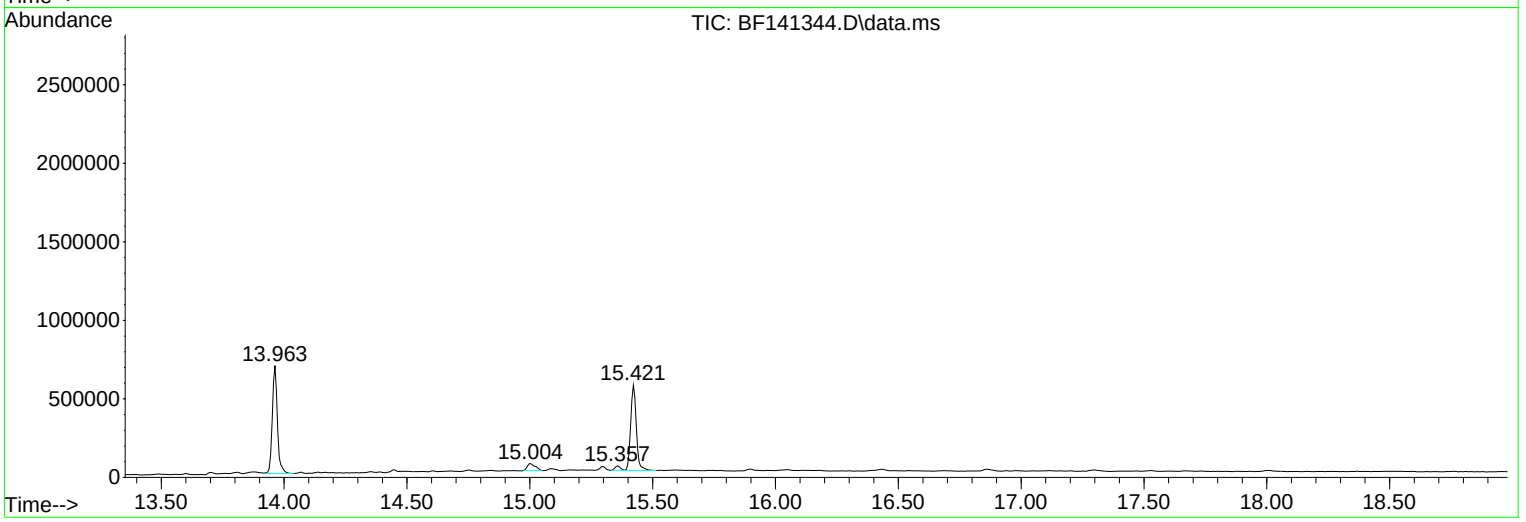
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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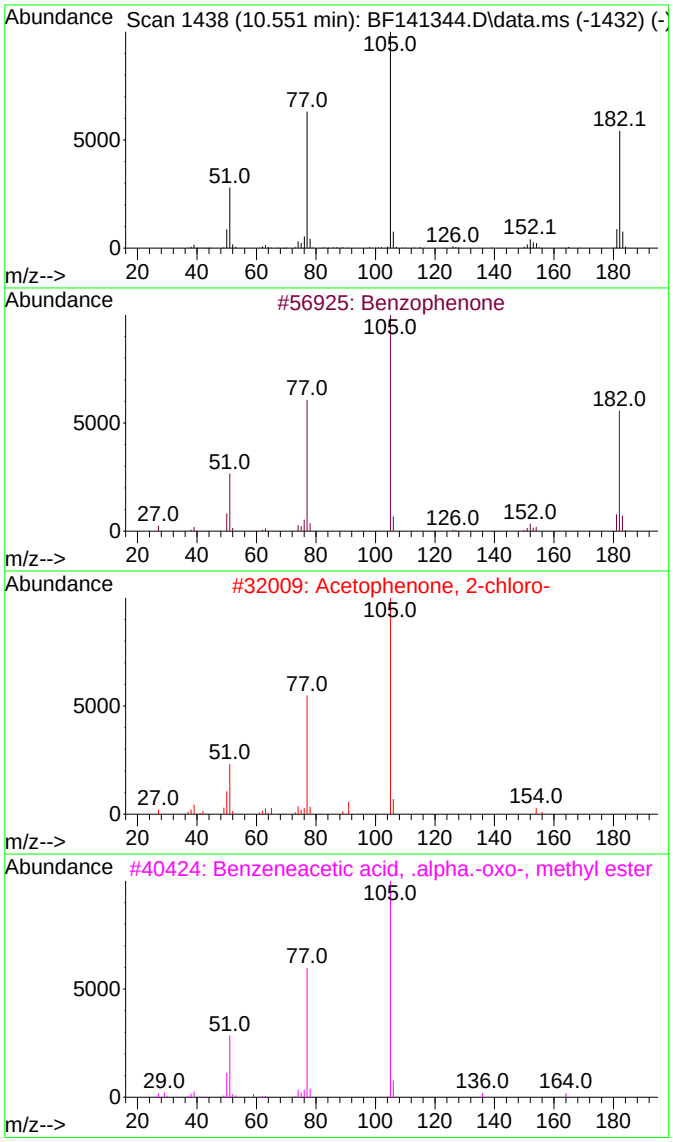
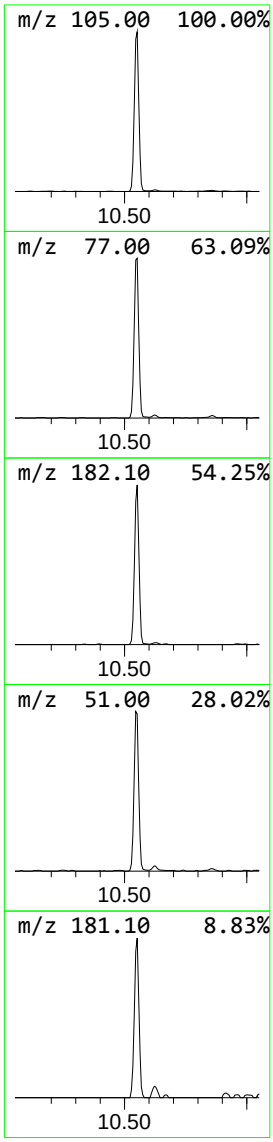
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	7.77 ng	529732	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47





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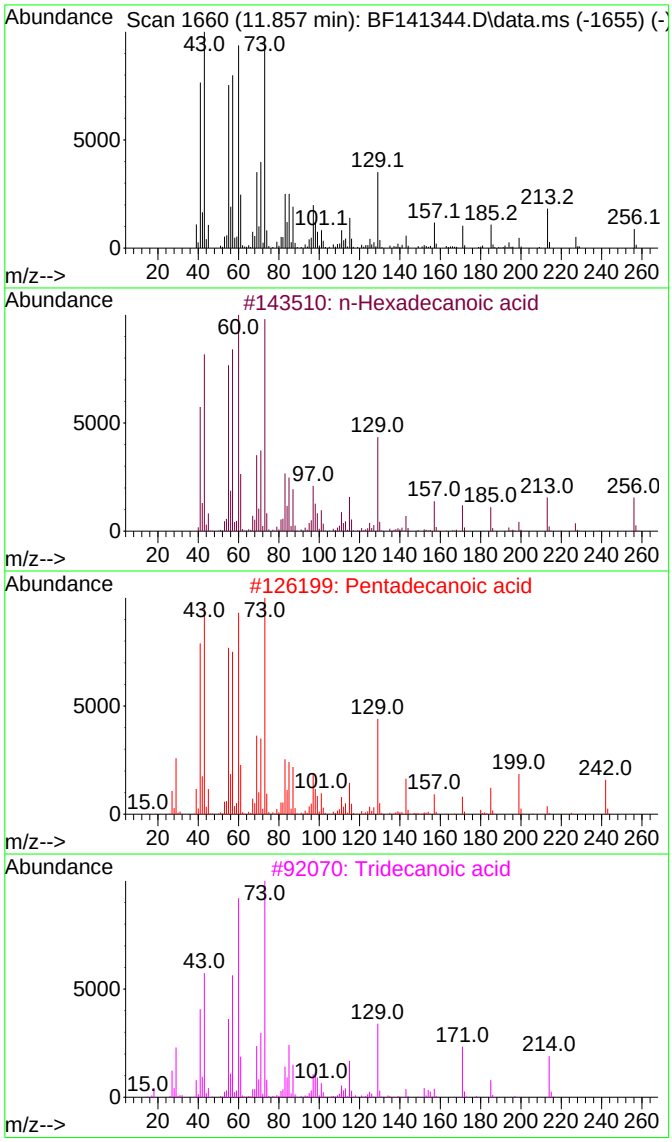
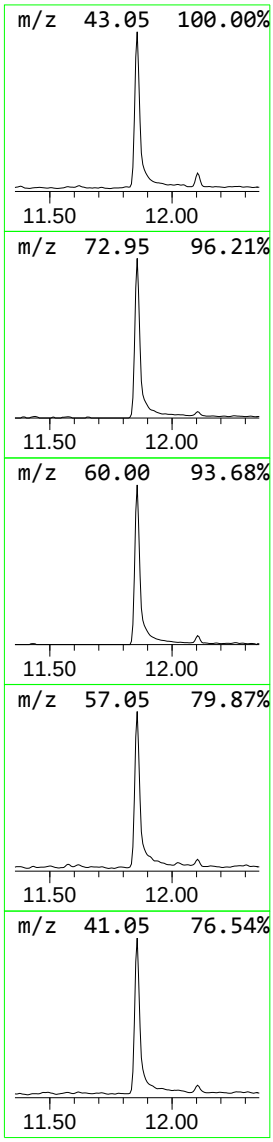
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	8.79 ng	564866	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78





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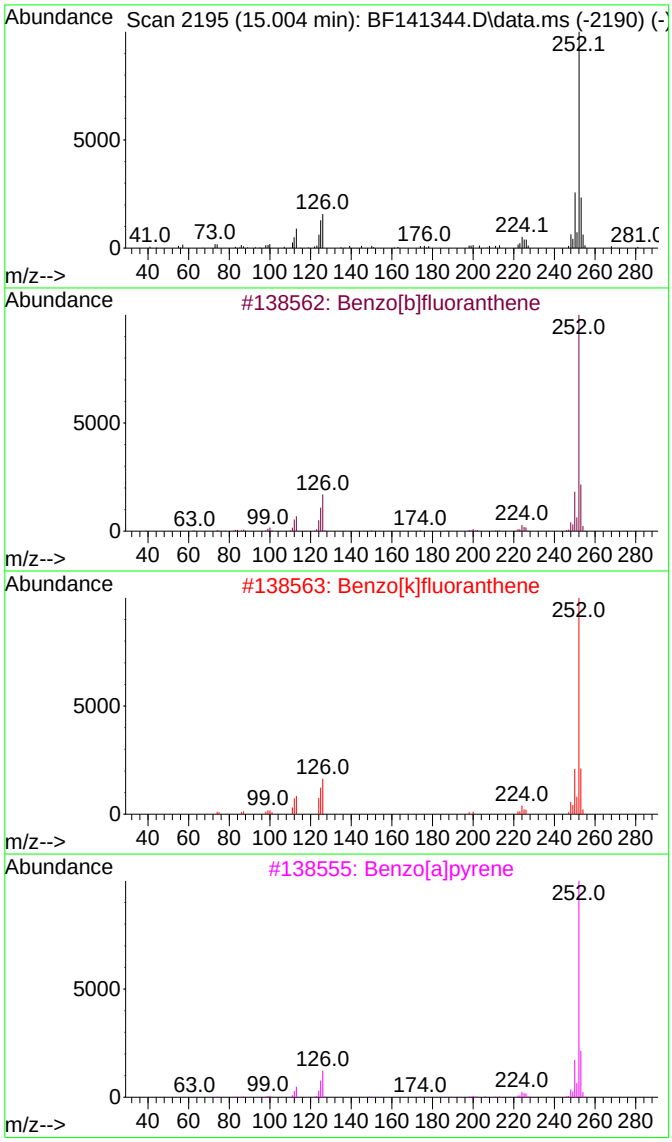
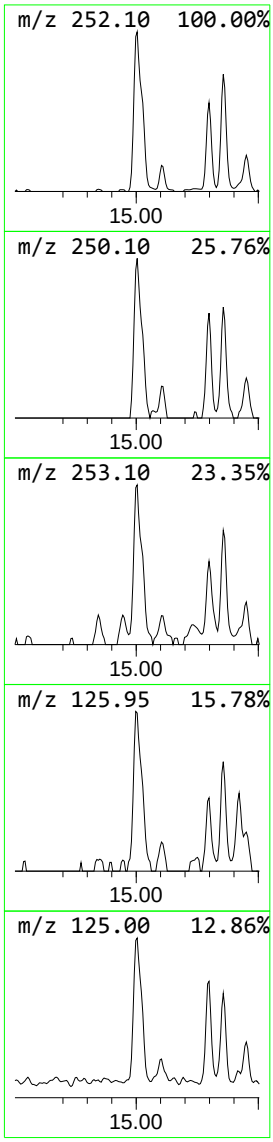
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	2.35 ng	102368	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[e]pyrene	252	C20H12	000192-97-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.551	7.8	ng	529732	3	9.834	1363550	20.0
n-Hexadecanoic ...	11.857	8.8	ng	564866	4	11.322	1284930	20.0
Benzo[e]pyrene	15.004	2.4	ng	102368	6	15.421	872846	20.0