LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060223\
Data File : BF133558.D
Acq On : 02 Jun 2023 12:53
Operator : CG\JU
Sample : 02985-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PLYMOUTH-ENG-001

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	10	15	22	rBV	30153	39632	1.69%	0.211%
2	4.404	388	394	401	rVB	24660	29794	1.27%	0.159%
3	5.028	496	500	510	rVB	160481	181624	7.75%	0.967%
4	5.434	564	569	572	rBV	2098203	1846596	78.82%	9.835%
5	6.451	737	742	745	rBV	2068047	1913505	81.67%	10.192%
6	6.828	803	806	810	rBV	930971	722804	30.85%	3.850%
7	7.392	897	902	905	rBV	1497732	1227817	52.41%	6.540%
8	8.110	1021	1024	1028	rBV	1131180	953351	40.69%	5.078%
9	9.186	1204	1207	1211	rBV	2586579	2342839	100.00%	12.479%
10	9.869	1319	1323	1326	rBV	1274770	1005278	42.91%	5.354%
11	10.580	1440	1444	1447	rBV	152821	121683	5.19%	0.648%
12	10.651	1453	1456	1460	rBV	1281453	1189793	50.78%	6.337%
13	10.780	1474	1478	1482	rVB3	31937	48013	2.05%	0.256%
14	11.251	1556	1558	1565	rVB2	30333	34919	1.49%	0.186%
15	11.357	1572	1576	1578	rBV	1185948	1035206	44.19%	5.514%
16	11.374	1578	1579	1583	rVV	216259	176546	7.54%	0.940%
17	11.427	1583	1588	1591	rVB	63554	58759	2.51%	0.313%
18	11.857	1658	1661	1663	rBV	43530	34858	1.49%	0.186%
19	11.880	1663	1665	1669	rVB	83417	76568	3.27%	0.408%
20	11.933	1670	1674	1676	rVV2	27010	27330	1.17%	0.146%
21	11.969	1676	1680	1682	rVV2	69650	79836	3.41%	0.425%
22	11.986	1682	1683	1688	rVB	35741	33293	1.42%	0.177%
23	12.151	1708	1711	1713	rBV	34328	32652	1.39%	0.174%
24	12.404	1752	1754	1757	rBV	40123	39009	1.67%	0.208%
25	12.451	1758	1762	1766	rVV3	33225	55908	2.39%	0.298%
26	12.486	1766	1768	1773	rVB3	31289	39053	1.67%	0.208%
27	12.569	1778	1782	1785	rBV	421252	368778	15.74%	1.964%
28	12.663	1795	1798	1800	rBV	34677	29022	1.24%	0.155%
29	12.798	1815	1821	1824	rBV2	361371	378825	16.17%	2.018%
30	12.845	1827	1829	1834	rVB3	28168	31132	1.33%	0.166%
31	12.916	1838	1841	1842	rBV2	28932	26805	1.14%	0.143%
32	12.945	1842	1846	1849	rBV	2314877	1956341	83.50%	10.420%
33	13.016	1854	1858	1861	rBV2	31358	48983	2.09%	0.261%
34	13.104	1870	1873	1874	rBV3	26844	27484	1.17%	0.146%
35	13.127	1874	1877	1880	rVB	59935	60336	2.58%	0.321%
36	13.186	1884	1887	1890	rVB2	38478	46401	1.98%	0.247%

LSC Area Percent Report

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Sample : 02985-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
PLYMOUTH-ENG-001

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.227	1890	1894	1897	rBV	58811	65328	2.79%	0.348%
38	13.527	1942	1945	1948	rBV3	28585	25917	1.11%	0.138%
39	13.633	1960	1963	1968	rVB2	35068	44744	1.91%	0.238%
40	13.992	2020	2024	2027	rBV2	779939	916339	39.11%	4.881%
41	14.021	2027	2029	2031	rVB	156435	115761	4.94%	0.617%
42	14.474	2104	2106	2109	rBV2	41626	38218	1.63%	0.204%
43	14.633	2131	2133	2138	rVB2	48996	45360	1.94%	0.242%
44	15.027	2197	2200	2204	rBV	121791	198345	8.47%	1.056%
45	15.327	2248	2251	2257	rVB	88110	102316	4.37%	0.545%
46	15.386	2258	2261	2265	rBV	99976	126794	5.41%	0.675%
47	15.457	2268	2273	2276	rBV	548489	682353	29.13%	3.634%
48	16.892	2515	2517	2528	rVB3	47631	92671	3.96%	0.494%

Sum of corrected areas: 18774919

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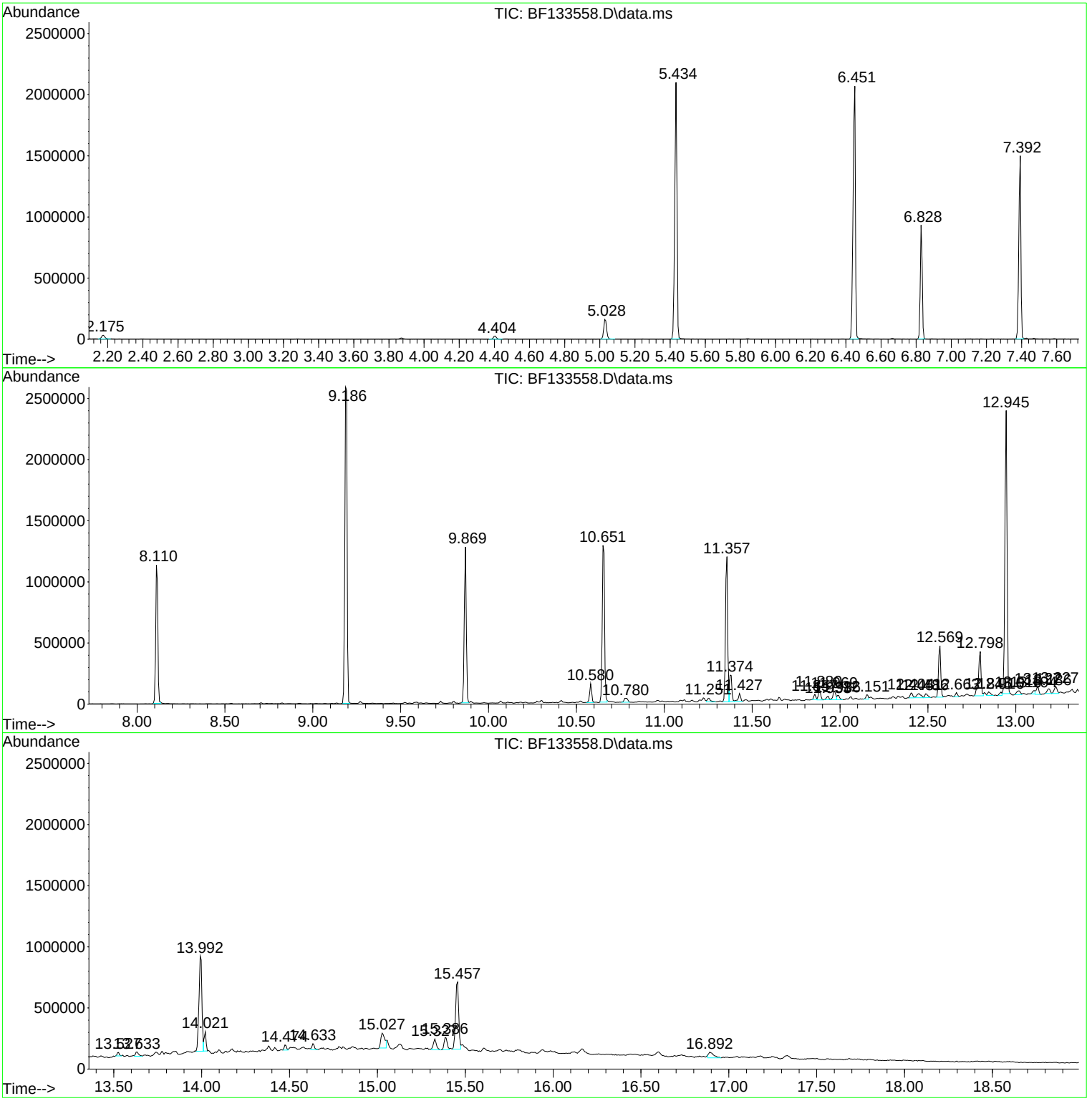
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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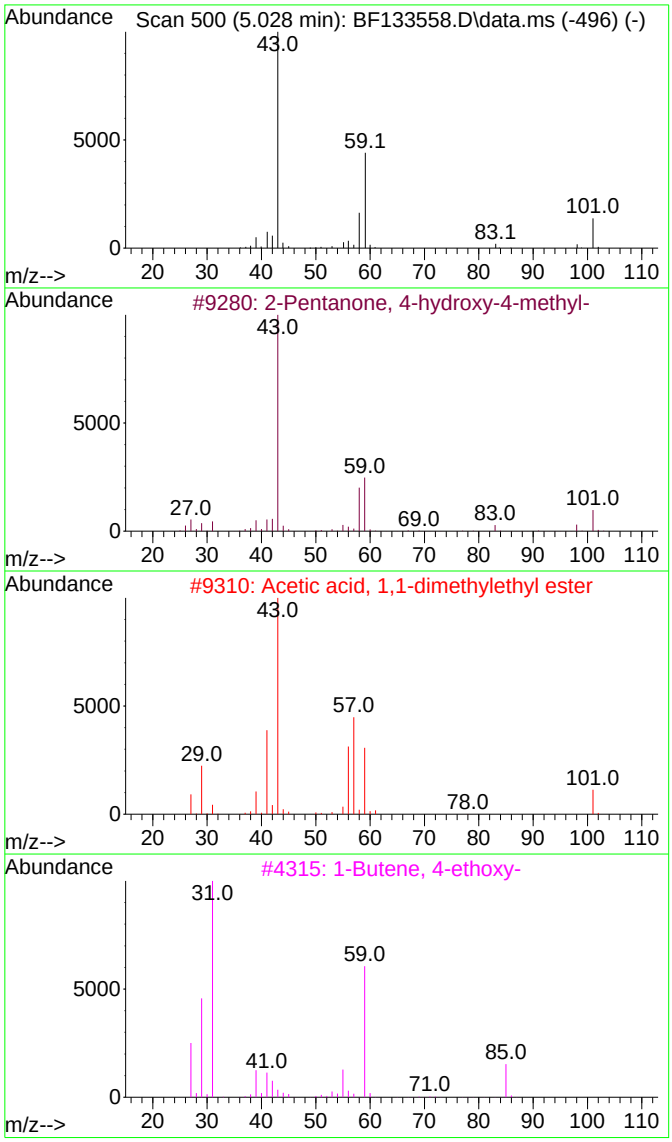
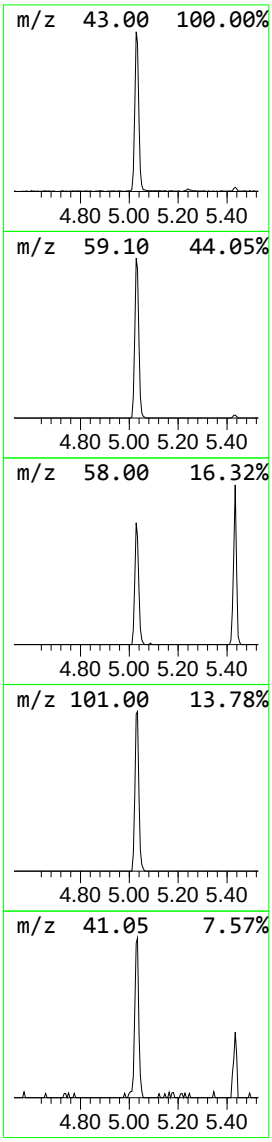
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	5.03 ng	181624	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
4	Acetone	58	C3H6O	000067-64-1	22
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

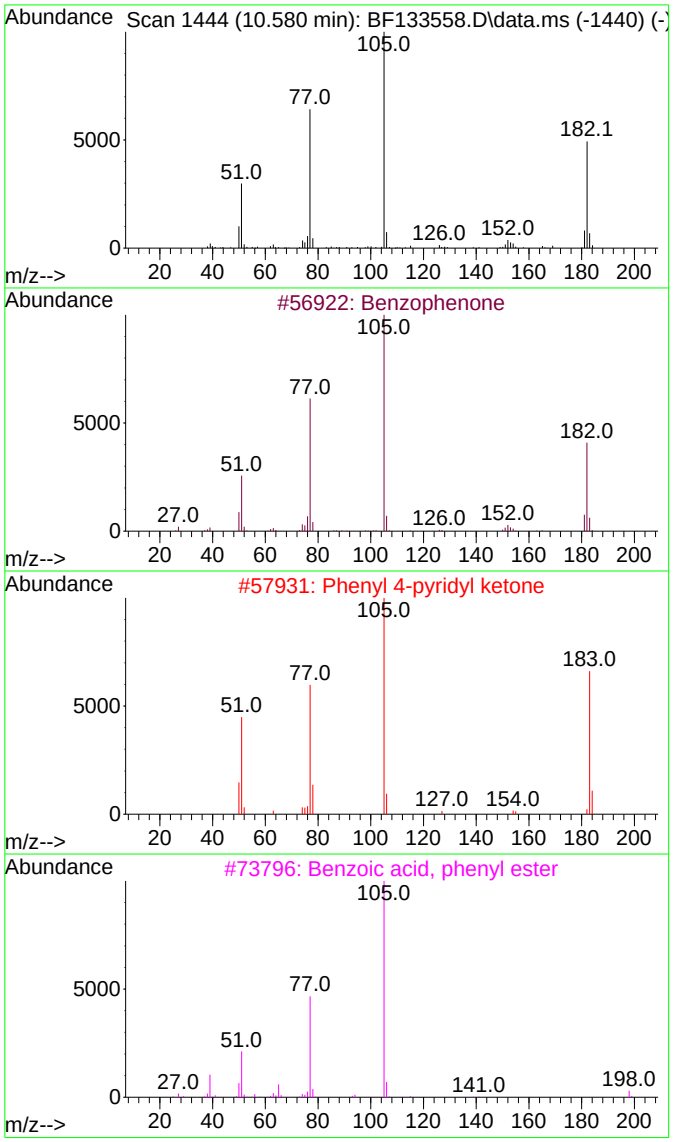
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

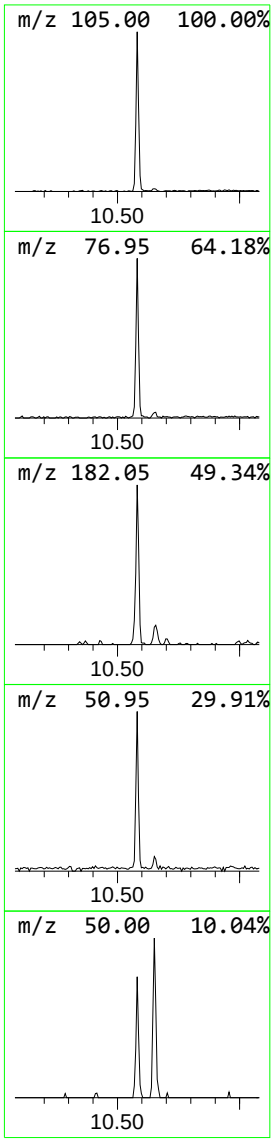
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	2.42 ng	121683	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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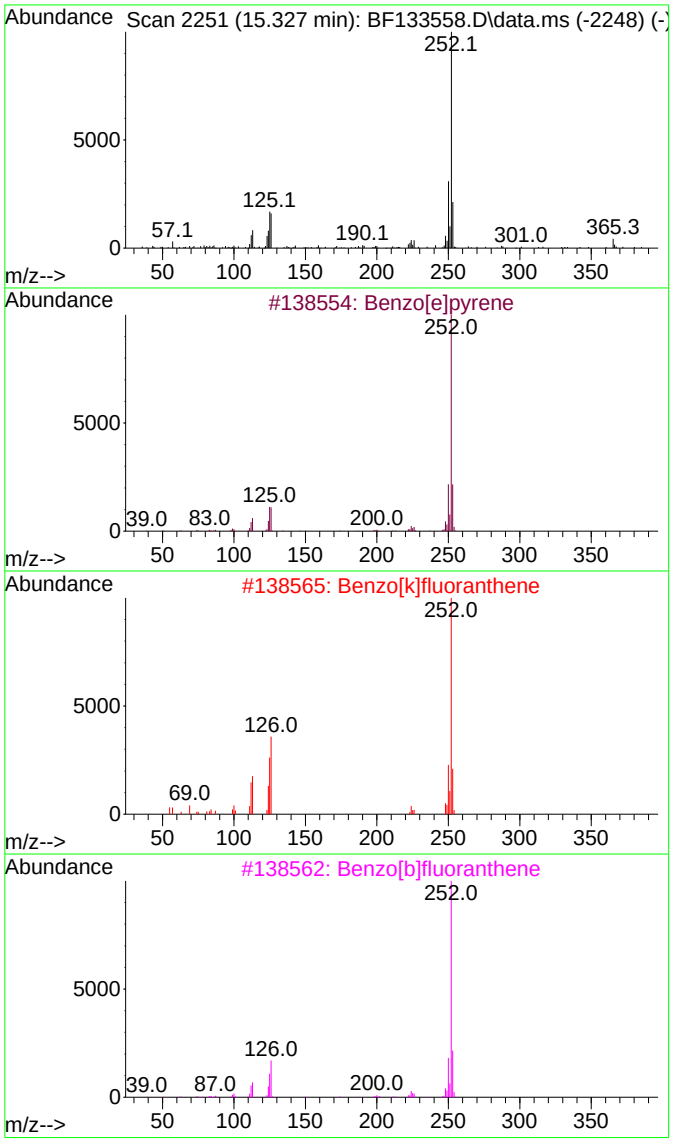
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

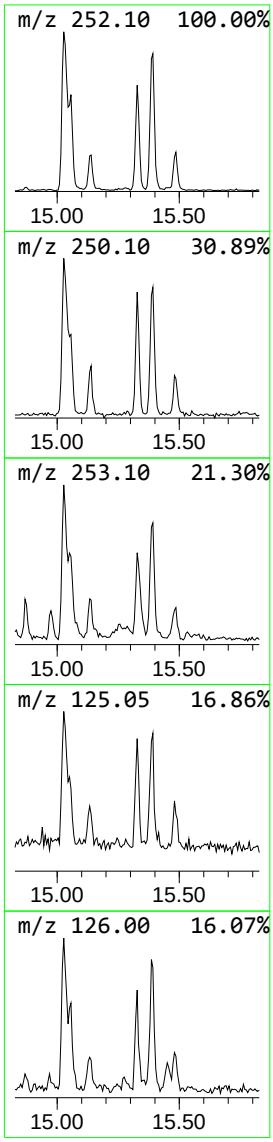
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	3.00 ng	102316	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





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BNA_F
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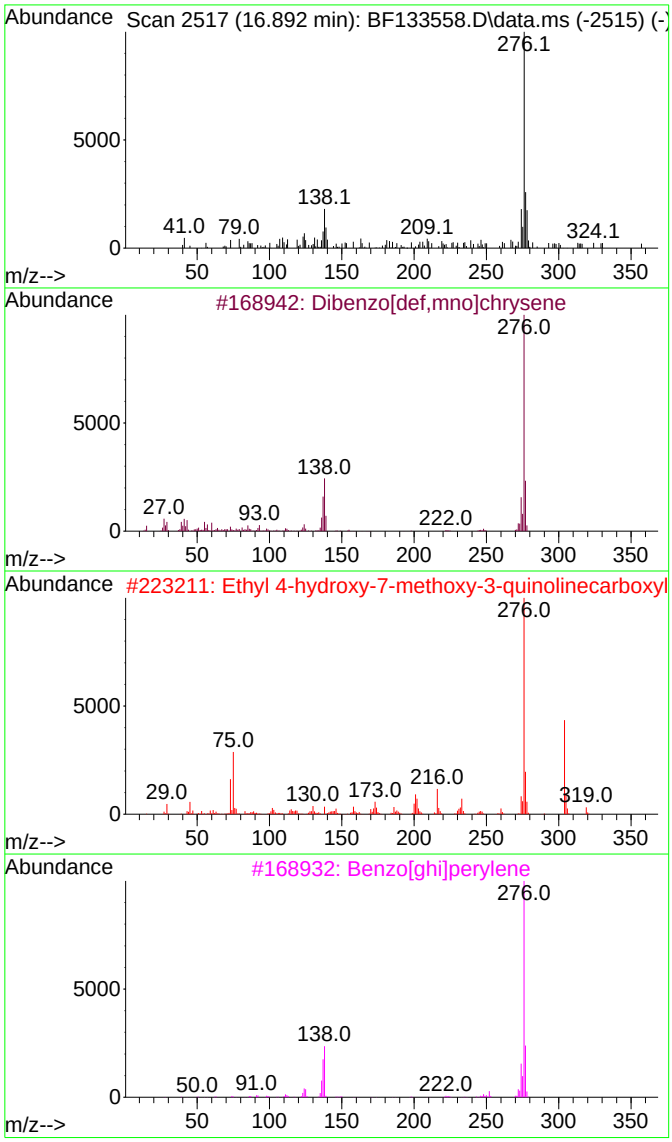
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

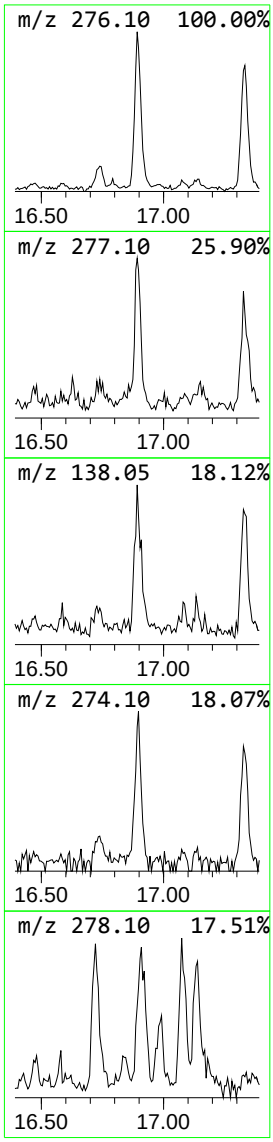
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	2.72 ng	92671	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	72
2	Ethyl 4-hydroxy-7-methoxy-3-quin...	319	C16H21NO4Si	1000477-32-1	64
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	64
4	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	59
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	59





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.028	5.0	ng	181624	1	6.828	722804	20.0
Benzophenone	10.580	2.4	ng	121683	3	9.869	1005280	20.0
Benzo[e]pyrene	15.327	3.0	ng	102316	6	15.457	682353	20.0
Dibenzo[def,mno...	16.892	2.7	ng	92671	6	15.457	682353	20.0