LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133682.D
Acq On : 09 Jun 2023 18:28
Operator : CG\JU
Sample : 03039-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB30A

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	498	503	510	rBV	50521	61211	4.58%	0.530%
2	5.451	564	572	575	rBV	1463258	1297786	97.09%	11.246%
3	6.463	734	744	747	rBV	1438920	1336710	100.00%	11.583%
4	6.839	804	808	811	rBV	679140	553795	41.43%	4.799%
5	7.398	899	903	906	rBV	985543	889983	66.58%	7.712%
6	8.122	1022	1026	1029	rBV	871214	653916	48.92%	5.667%
7	8.833	1144	1147	1151	rVB	22651	17271	1.29%	0.150%
8	9.198	1205	1209	1212	rBV	1712379	1310244	98.02%	11.354%
9	9.874	1321	1324	1328	rVB	654582	585621	43.81%	5.075%
10	10.421	1414	1417	1425	rBV4	11418	20228	1.51%	0.175%
11	10.592	1442	1446	1449	rBV	270352	219993	16.46%	1.906%
12	10.663	1455	1458	1462	rBV	708758	651248	48.72%	5.644%
13	10.792	1475	1480	1483	rBV2	14443	19839	1.48%	0.172%
14	10.898	1495	1498	1502	rVB	24883	22298	1.67%	0.193%
15	11.168	1541	1544	1548	rBV2	17530	16406	1.23%	0.142%
16	11.368	1574	1578	1580	rBV	625165	543122	40.63%	4.707%
17	11.392	1580	1582	1585	rVV	174343	135366	10.13%	1.173%
18	11.439	1588	1590	1593	rVB	41346	32772	2.45%	0.284%
19	11.868	1659	1663	1665	rBV	49424	43855	3.28%	0.380%
20	11.898	1665	1668	1672	rVB2	89513	95947	7.18%	0.831%
21	11.980	1679	1682	1684	rBV2	48033	46182	3.45%	0.400%
22	12.004	1684	1686	1689	rVB	30726	23156	1.73%	0.201%
23	12.068	1691	1697	1700	rBV7	11322	21100	1.58%	0.183%
24	12.163	1711	1713	1716	rBV	31344	30570	2.29%	0.265%
25	12.345	1742	1744	1746	rBV	21859	17511	1.31%	0.152%
26	12.421	1753	1757	1760	rBV	35015	36789	2.75%	0.319%
27	12.457	1760	1763	1765	rVV2	24106	24405	1.83%	0.211%
28	12.504	1768	1771	1776	rBV2	23555	23134	1.73%	0.200%
29	12.580	1781	1784	1788	rBV	332749	281264	21.04%	2.437%
30	12.627	1789	1792	1794	rBV3	16996	16468	1.23%	0.143%
31	12.810	1814	1823	1829	rBV	254165	299170	22.38%	2.593%
32	12.863	1829	1832	1837	rVB4	17094	25230	1.89%	0.219%
33	12.957	1844	1848	1851	rVB	1025187	869889	65.08%	7.538%
34	13.027	1857	1860	1864	rBV3	28645	39551	2.96%	0.343%
35	13.115	1872	1875	1877	rBV4	15685	18259	1.37%	0.158%
36	13.139	1877	1879	1883	rVB	43761	39457	2.95%	0.342%

LSC Area Percent Report

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Sample : 03039-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB30A

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.192	1884	1888	1889	rBV4	15619	21236	1.59%	0.184%
38	13.204	1889	1890	1893	rVB	24333	20291	1.52%	0.176%
39	13.245	1893	1897	1900	rBV2	31286	36834	2.76%	0.319%
40	13.651	1964	1966	1970	rVB2	26749	26171	1.96%	0.227%
41	13.857	1999	2001	2003	rBV2	30547	33174	2.48%	0.287%
42	14.015	2023	2028	2030	rBV2	426490	494567	37.00%	4.286%
43	14.039	2030	2032	2035	rVB	110418	82128	6.14%	0.712%
44	15.051	2201	2204	2208	rBV	78078	115710	8.66%	1.003%
45	15.356	2253	2256	2261	rVB	45728	56429	4.22%	0.489%
46	15.415	2263	2266	2270	rBV	65276	73092	5.47%	0.633%
47	15.480	2273	2277	2281	rBV2	214301	260406	19.48%	2.257%

Sum of corrected areas: 11539784

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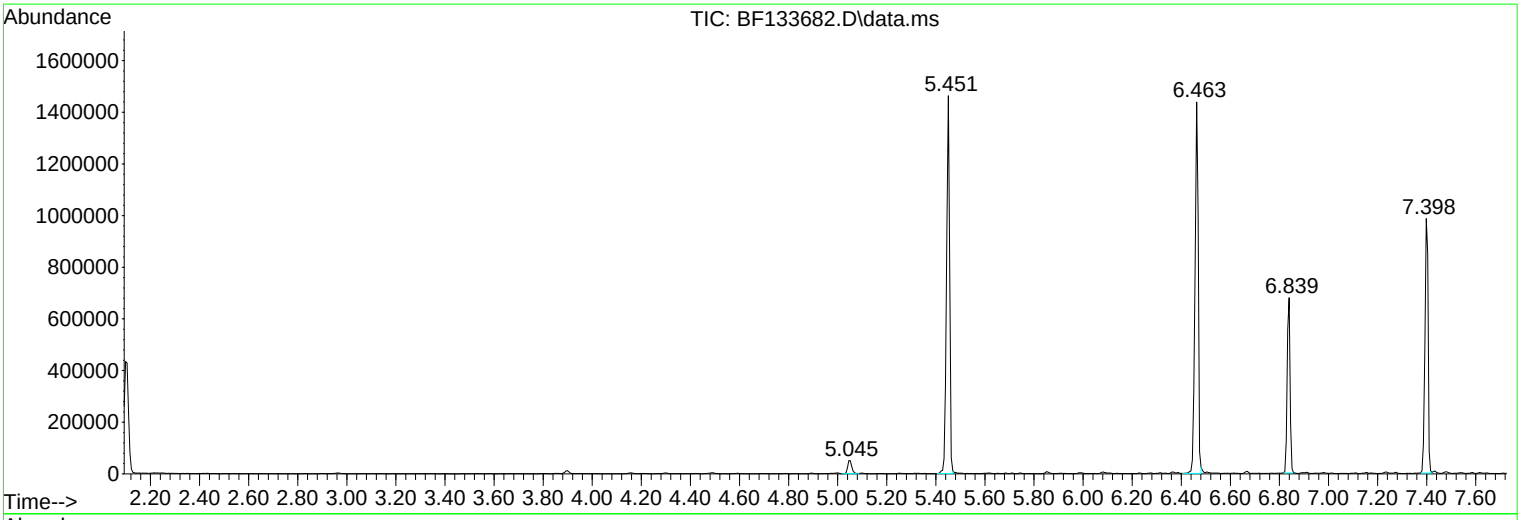
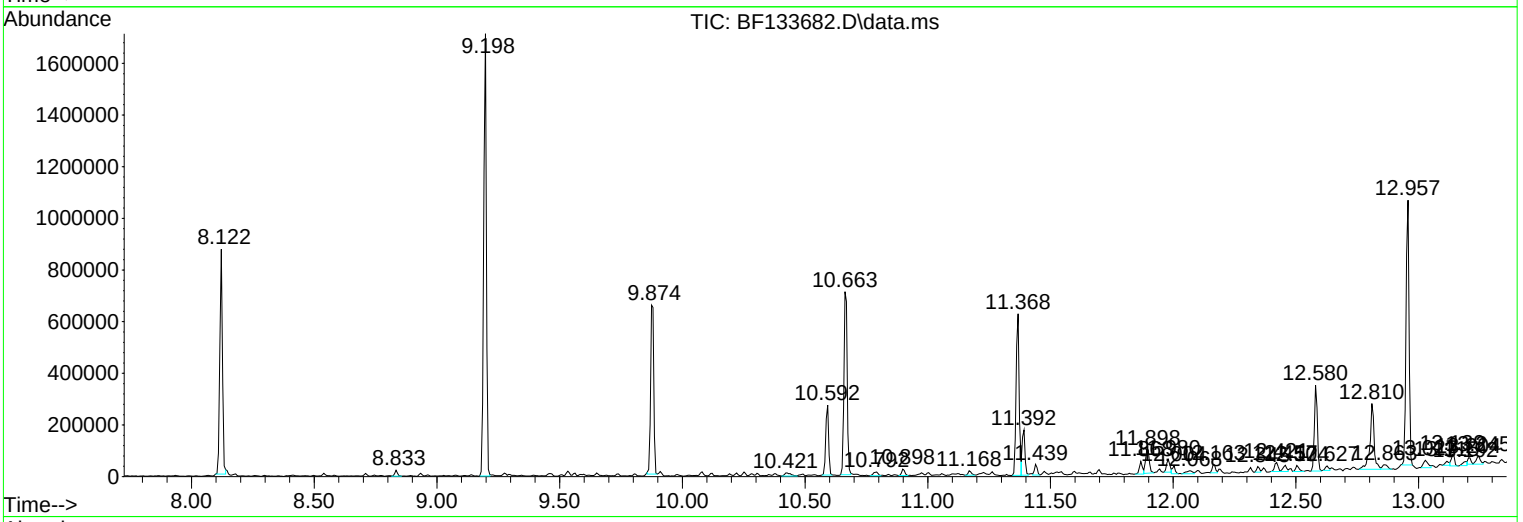
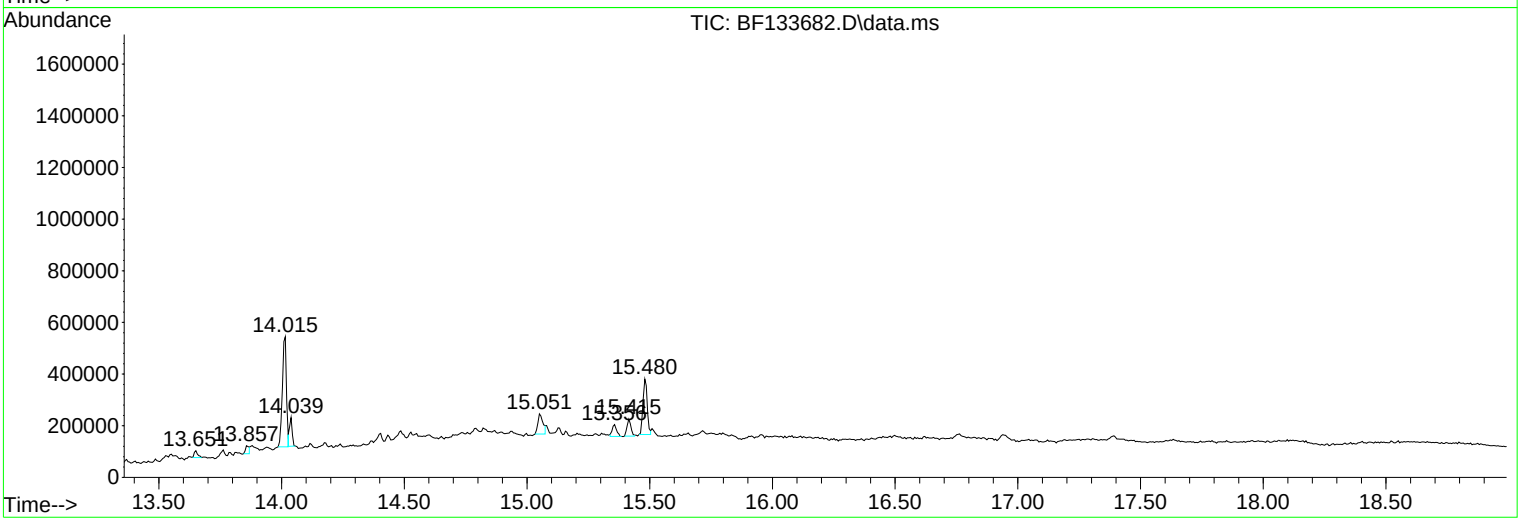
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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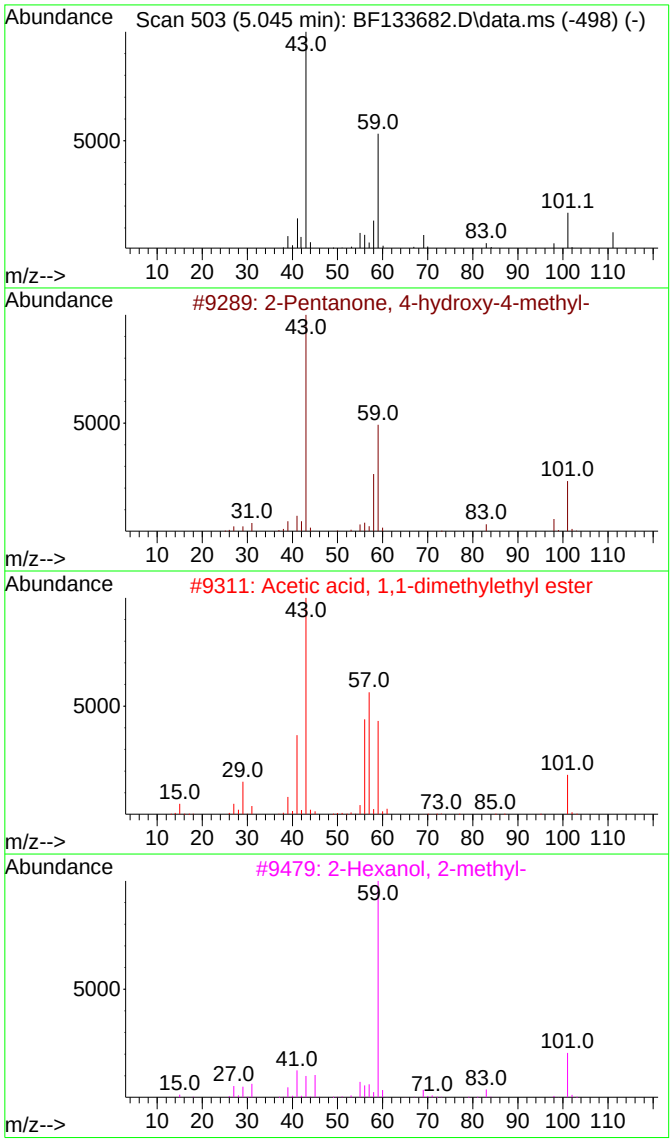
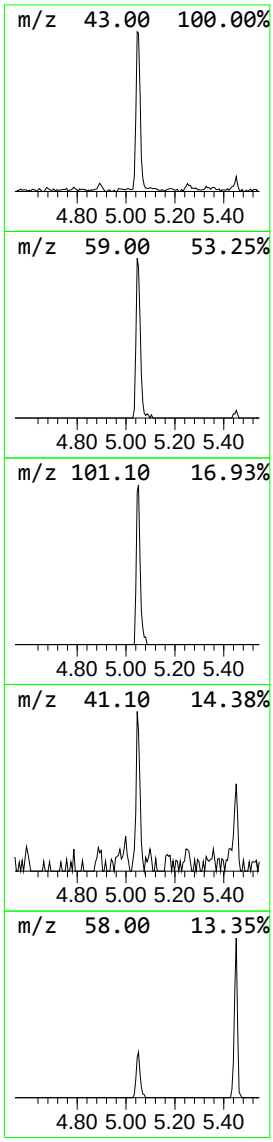
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.045	2.21 ng	61211	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	28





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

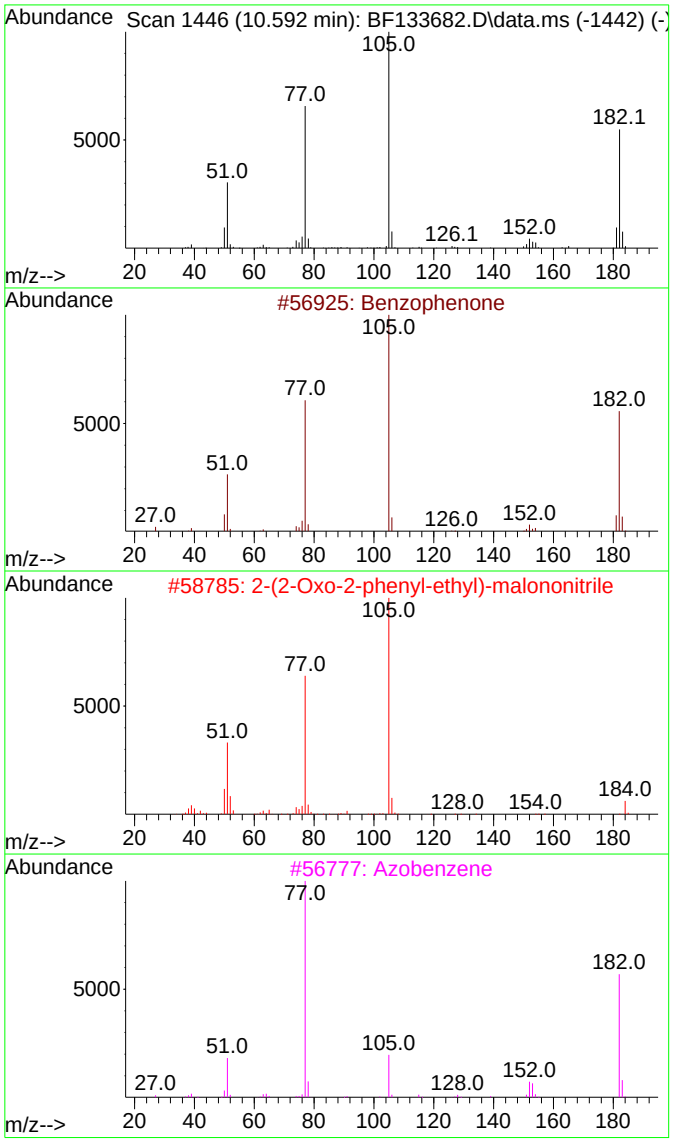
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

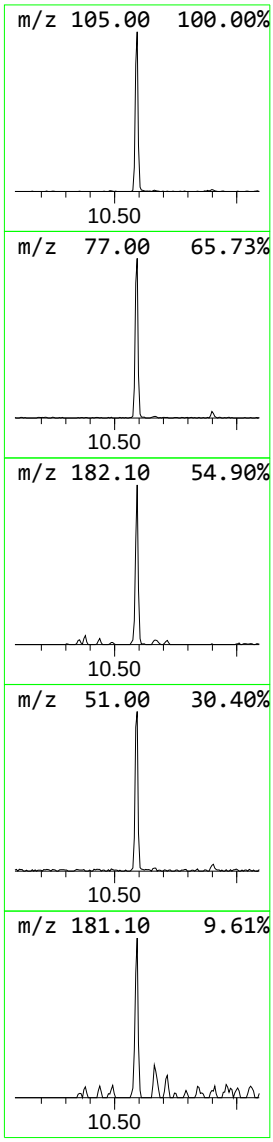
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	7.51 ng	219993	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	52
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49





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ClientSampleId :
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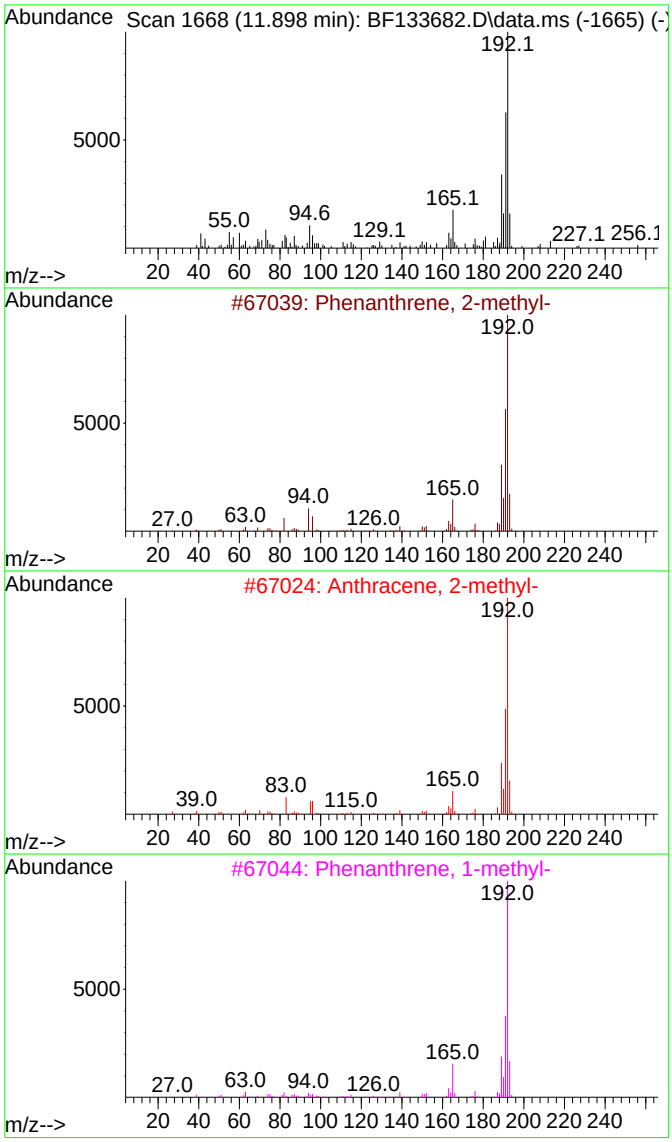
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

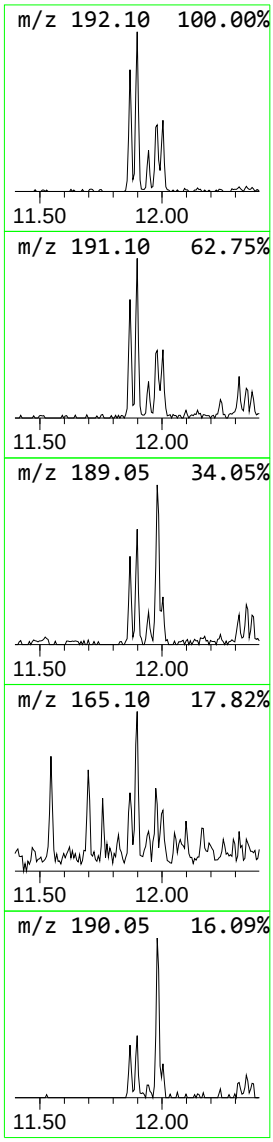
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.53 ng	95947	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

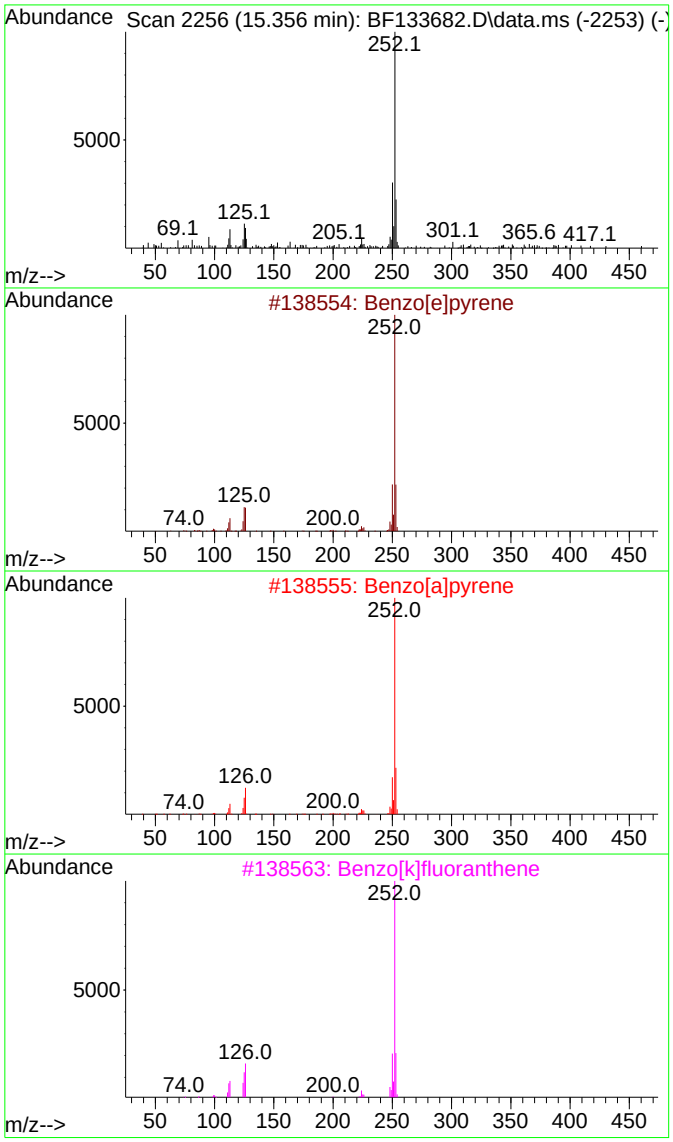
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

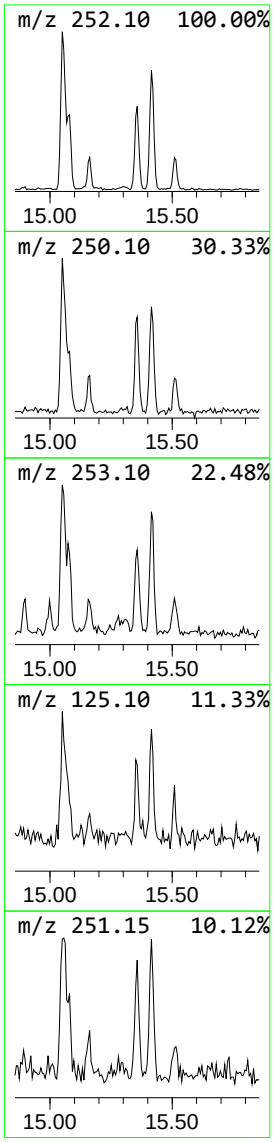
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	4.33 ng	56429	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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-...	5.045	2.2	ng	61211	1	6.839	553795	20.0
Benzophenone	10.592	7.5	ng	219993	3	9.880	585621	20.0
Phenanthrene, 2...	11.898	3.5	ng	95947	4	11.368	543122	20.0
Benzo[e]pyrene	15.357	4.3	ng	56429	6	15.480	260406	20.0