LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106688.D
Acq On : 22 Jun 2018 3:34
Operator : JU/SJ
Sample : J3603-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-1

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.196	482	486	495	rBV	68351	79280	8.28%	0.808%
2	5.607	552	556	567	rVB	1022310	957702	100.00%	9.766%
3	6.601	721	725	741	rBV	961973	951365	99.34%	9.701%
4	6.737	744	748	752	rVV	1046516	949943	99.19%	9.687%
5	6.784	753	756	762	rVB	11370	10440	1.09%	0.106%
6	6.960	783	786	790	rVB	407795	327867	34.23%	3.343%
7	7.119	809	813	816	rBV	803102	683212	71.34%	6.967%
8	7.525	877	882	885	rBV	646792	555249	57.98%	5.662%
9	8.242	1001	1004	1010	rBV	427673	382981	39.99%	3.905%
10	9.319	1183	1187	1190	rBV	832701	766772	80.06%	7.819%
11	9.707	1250	1253	1259	rVB	92043	81055	8.46%	0.827%
12	9.866	1276	1280	1284	rBV	16968	15353	1.60%	0.157%
13	9.913	1284	1288	1290	rVB	18183	15479	1.62%	0.158%
14	10.001	1300	1303	1307	rBV2	434230	379187	39.59%	3.867%
15	10.036	1307	1309	1315	rVB	16625	13808	1.44%	0.141%
16	10.313	1352	1356	1360	rBV4	5768	10376	1.08%	0.106%
17	10.413	1367	1373	1376	rVB	29176	28137	2.94%	0.287%
18	10.554	1393	1397	1403	rVB2	10637	13638	1.42%	0.139%
19	10.636	1403	1411	1413	rBV3	11740	16026	1.67%	0.163%
20	10.795	1435	1438	1446	rVV	641099	552397	57.68%	5.633%
21	10.889	1450	1454	1464	rVB2	25129	37995	3.97%	0.387%
22	11.101	1484	1490	1493	rBV5	8655	15026	1.57%	0.153%
23	11.336	1527	1530	1532	rBV2	19758	15494	1.62%	0.158%
24	11.495	1553	1557	1559	rBV	521289	421030	43.96%	4.293%
25	11.519	1559	1561	1564	rVV	107008	81006	8.46%	0.826%
26	11.572	1567	1570	1572	rVV	27850	21801	2.28%	0.222%
27	11.730	1592	1597	1600	rBV3	10405	17504	1.83%	0.178%
28	11.766	1600	1603	1605	rVB2	12638	11878	1.24%	0.121%
29	11.995	1640	1642	1645	rBV	25942	24718	2.58%	0.252%
30	12.025	1645	1647	1651	rVV2	38792	34302	3.58%	0.350%
31	12.072	1653	1655	1658	rVV	22970	23016	2.40%	0.235%
32	12.113	1658	1662	1664	rVV2	39011	51217	5.35%	0.522%
33	12.130	1664	1665	1669	rVB	20406	17816	1.86%	0.182%
34	12.289	1689	1692	1695	rBV2	21063	20121	2.10%	0.205%

LSC Area Percent Report

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Sample : J3603-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-1

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.472	1721	1723	1726	rBV	12651	14094	1.47%	0.144%
36	12.548	1733	1736	1740	rBV2	40015	51456	5.37%	0.525%
37	12.583	1740	1742	1744	rVV2	20639	19284	2.01%	0.197%
38	12.636	1748	1751	1754	rBV4	17463	25127	2.62%	0.256%
39	12.713	1760	1764	1767	rBV	175875	151831	15.85%	1.548%
40	12.742	1767	1769	1773	rVB2	30517	32323	3.38%	0.330%
41	12.807	1778	1780	1782	rVV	19477	15734	1.64%	0.160%
42	12.883	1791	1793	1797	rVB3	24766	23448	2.45%	0.239%
43	12.942	1797	1803	1809	rBV	154113	201300	21.02%	2.053%
44	12.995	1810	1812	1815	rVV	16984	17010	1.78%	0.173%
45	13.077	1822	1826	1830	rBV	922098	826951	86.35%	8.433%
46	13.336	1868	1870	1872	rBV	36118	26512	2.77%	0.270%
47	14.148	2004	2008	2011	rBV	435316	432434	45.15%	4.410%
48	15.613	2255	2257	2263	rVB	42489	51474	5.37%	0.525%
49	15.683	2265	2269	2284	rVB	230452	334296	34.91%	3.409%

Sum of corrected areas: 9806465

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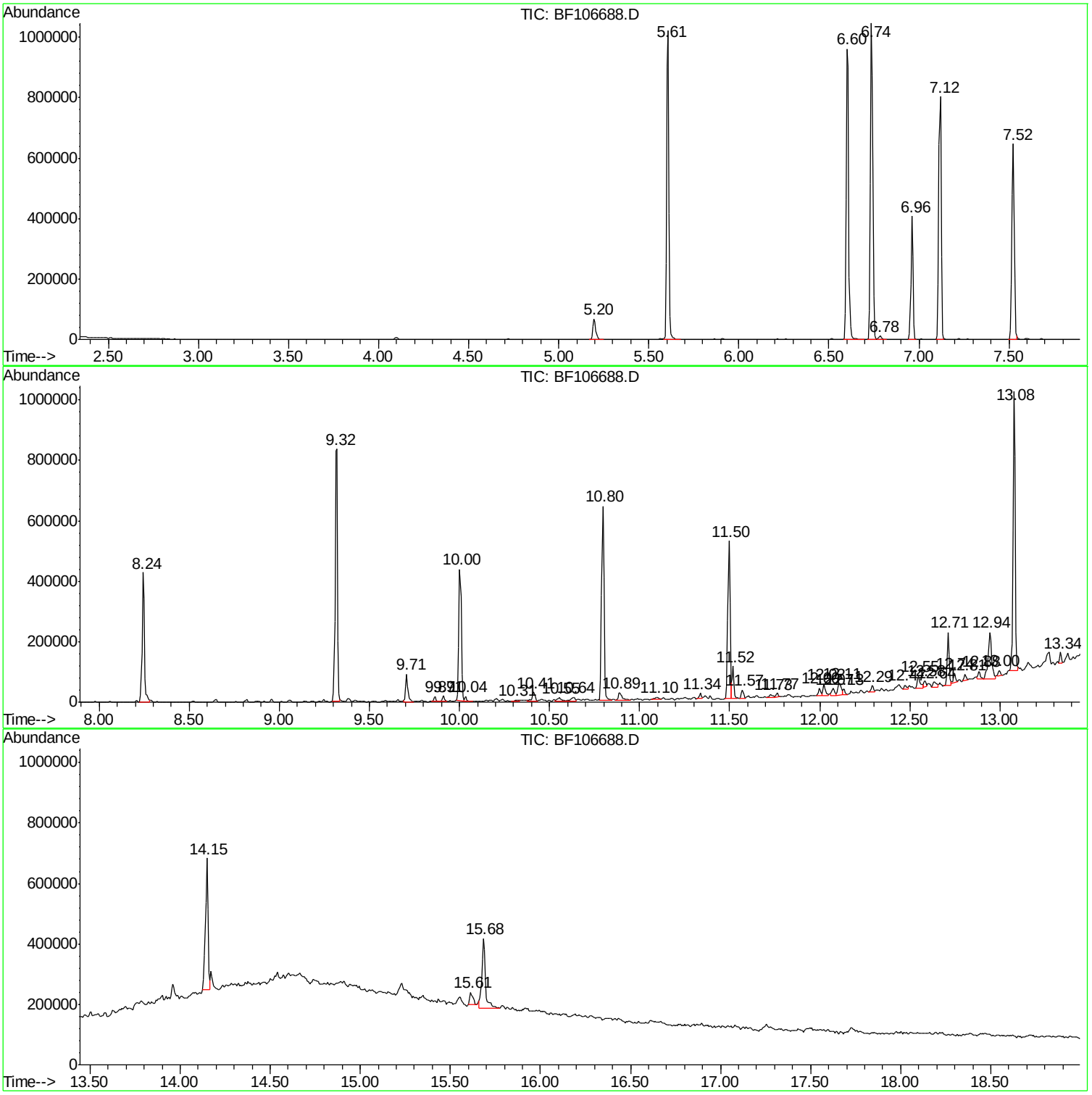
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26KV-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BF106688.D
Acq On : 22 Jun 2018 3:34
Operator : JU/SJ
Sample : J3603-01
Misc :
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Instrument : BNA_F
ClientSampleId : 26KV-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

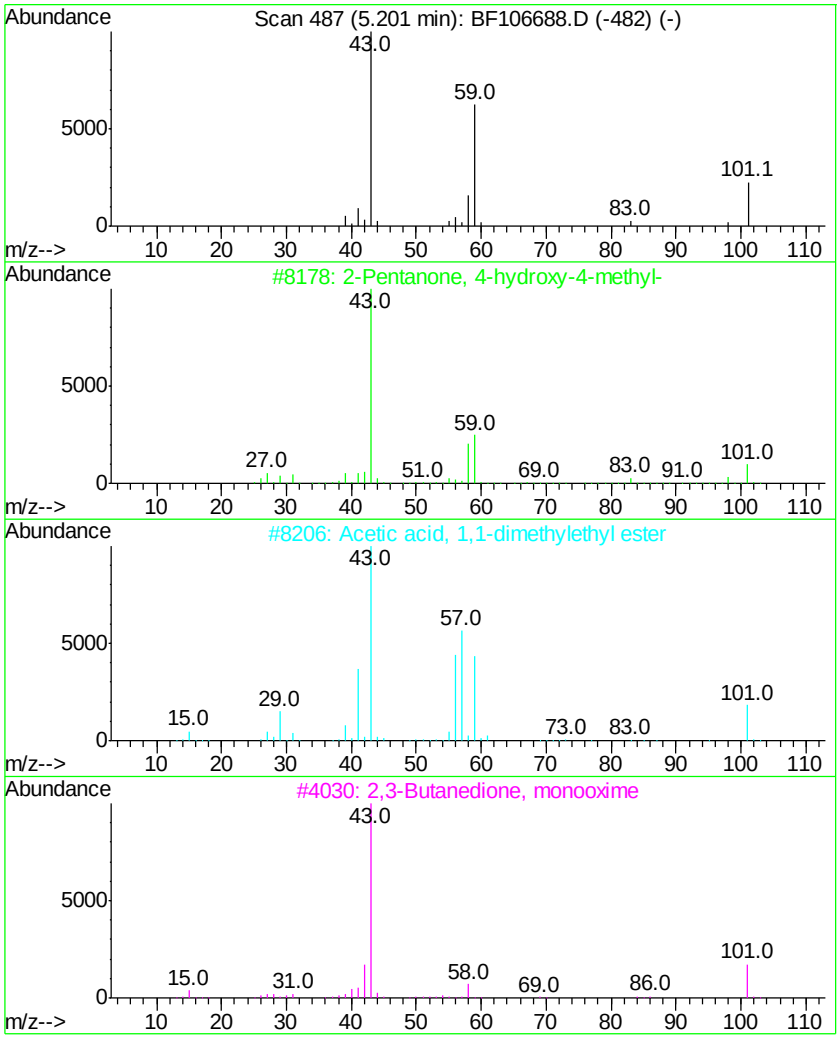
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

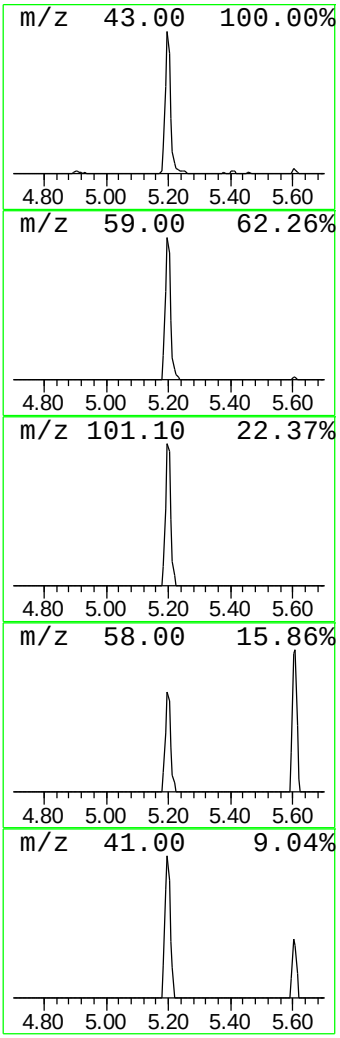
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.84 ng	79280	1,4-Dichlorobenzene-d4	6.96

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	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	3-Hexanol	102	C6H14O	000623-37-0	28





Library Search Compound Report

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Sample : J3603-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

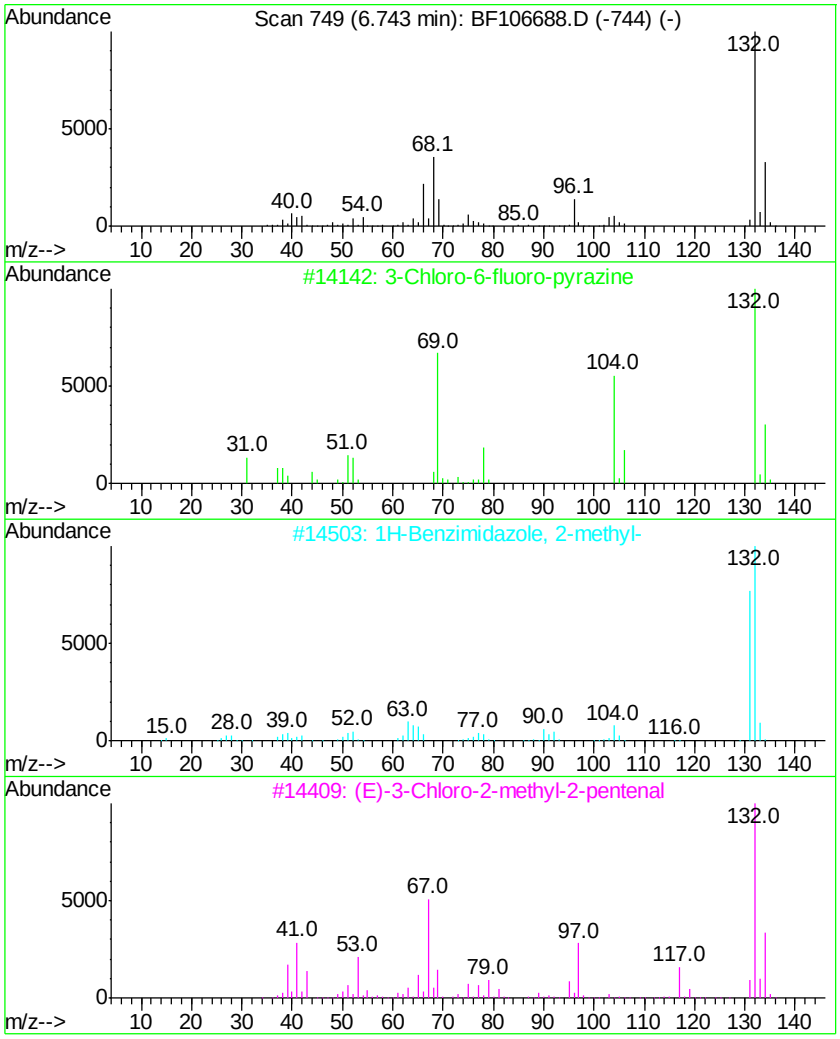
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

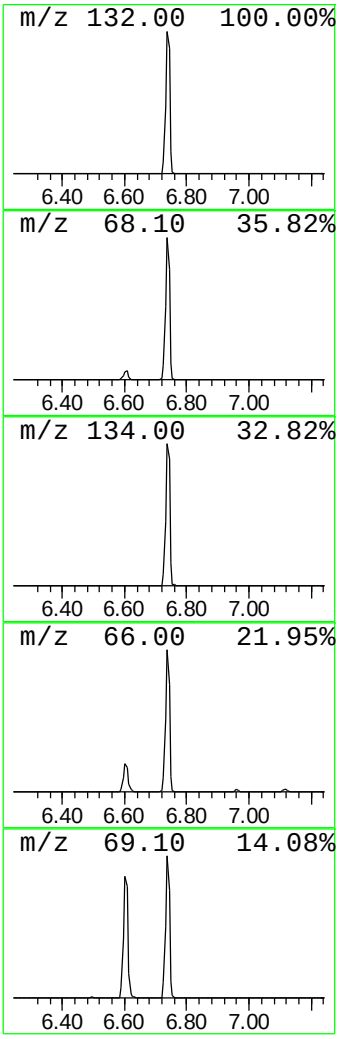
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	57.95 ng	949943	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : J3603-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

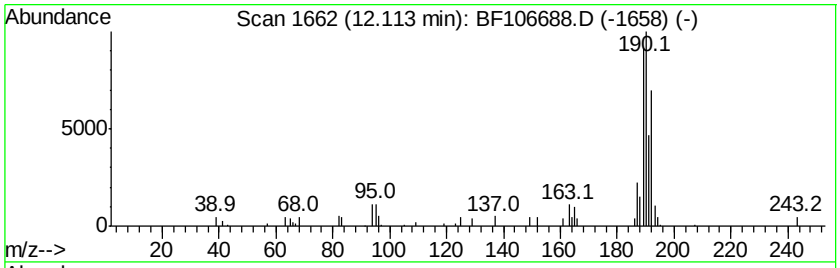
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

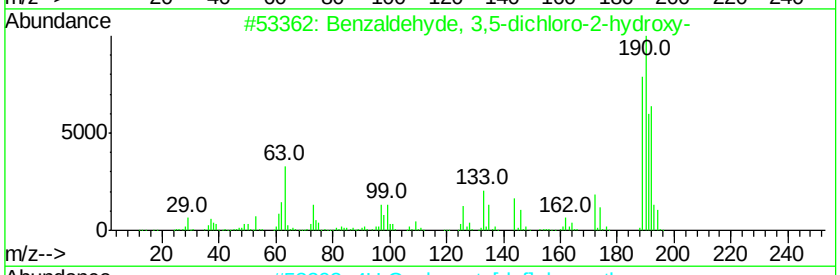
****

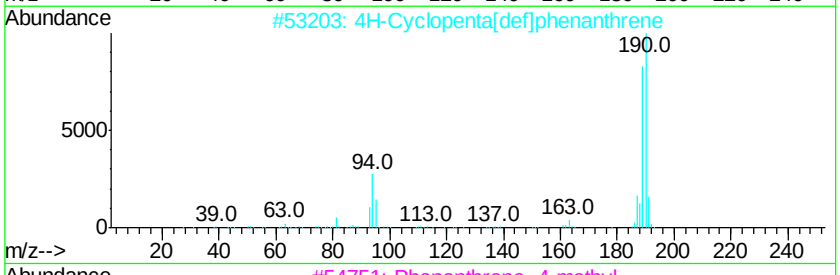
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

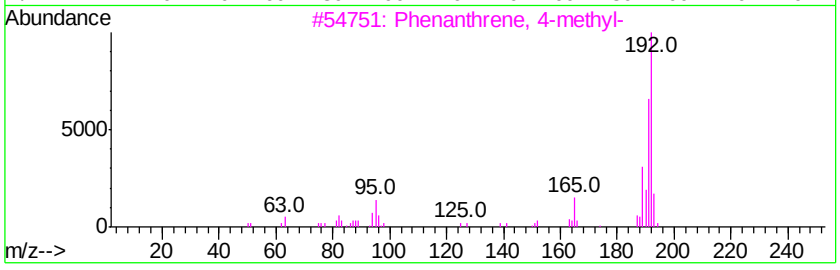
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.43 ng	51217	Phenanthrene-d10	11.50

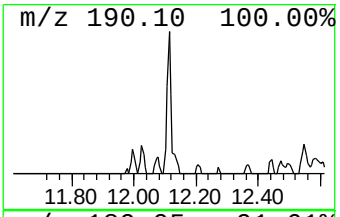
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	27
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25

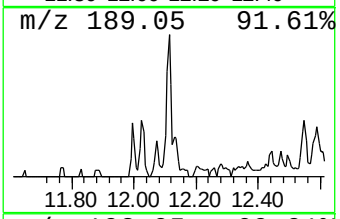


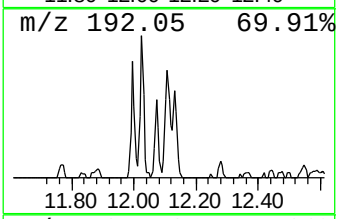


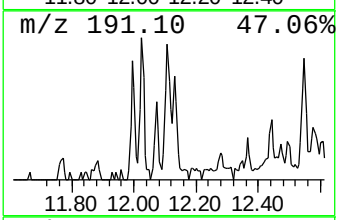


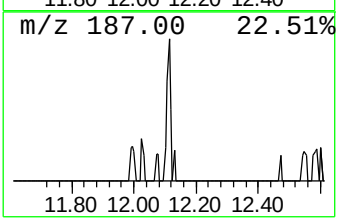












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

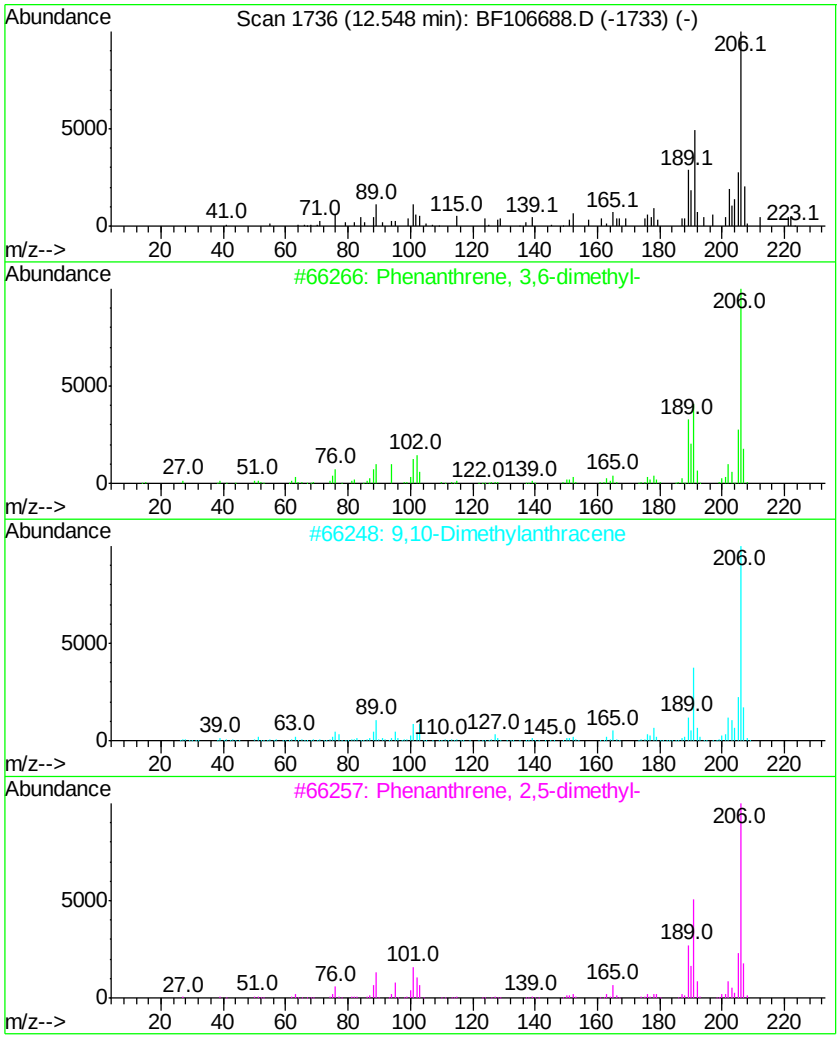
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

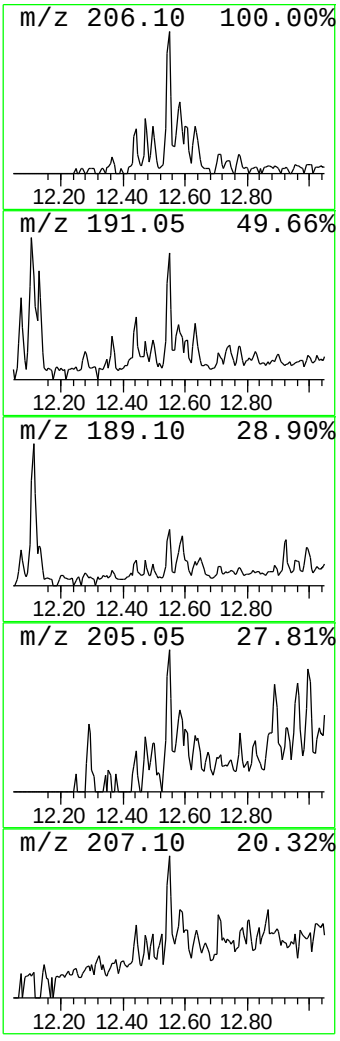
****

Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.44 ng	51456	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	4.8	ng	79280	1	6.96	327867	20.0
unknown6.74	6.74	58.0	ng	949943	1	6.96	327867	20.0
Benzaldehyde, 3,5...	12.11	2.4	ng	51217	4	11.50	421030	20.0
Phenanthrene, 3,6...	12.55	2.4	ng	51456	4	11.50	421030	20.0