LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119302.D
Acq On : 10 Mar 2020 00:24
Operator : CG/JU
Sample : L1778-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10

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-BF022020.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	4.922	478	482	495	rVB	131148	191208	8.19%	1.008%
2	5.351	552	555	577	rBV	1233417	1667697	71.46%	8.793%
3	6.375	726	729	749	rBV	1347500	1629866	69.84%	8.594%
4	6.722	785	788	797	rBV	686990	609644	26.12%	3.214%
5	6.881	811	815	827	rBV	1740613	1630738	69.87%	8.598%
6	7.286	881	884	888	rBV	1106844	1077470	46.17%	5.681%
7	7.322	888	890	905	rVB	129363	158118	6.78%	0.834%
8	8.004	1003	1006	1016	rBV	865298	789401	33.82%	4.162%
9	8.722	1126	1128	1134	rBV2	25540	27379	1.17%	0.144%
10	9.080	1185	1189	1201	rBV	2561280	2333818	100.00%	12.305%
11	9.198	1205	1209	1214	rVB2	43554	49388	2.12%	0.260%
12	9.474	1254	1256	1264	rVB	163535	158584	6.80%	0.836%
13	9.674	1286	1290	1297	rVB2	44939	49082	2.10%	0.259%
14	9.757	1300	1304	1316	rVB	1014920	921717	39.49%	4.860%
15	10.551	1435	1439	1451	rBV	1181700	1301294	55.76%	6.861%
16	10.674	1455	1460	1470	rVB3	29367	51103	2.19%	0.269%
17	11.239	1553	1556	1559	rBV	855381	815625	34.95%	4.300%
18	11.263	1559	1560	1564	rVV	89110	83564	3.58%	0.441%
19	11.321	1564	1570	1573	rVB2	23794	34929	1.50%	0.184%
20	11.492	1594	1599	1604	rBV6	14331	30865	1.32%	0.163%
21	11.745	1637	1642	1644	rBV3	24229	25382	1.09%	0.134%
22	11.774	1644	1647	1653	rVB3	116432	121414	5.20%	0.640%
23	12.457	1760	1763	1766	rVB	134878	112294	4.81%	0.592%
24	12.557	1777	1780	1787	rBV3	21351	29362	1.26%	0.155%
25	12.686	1796	1802	1807	rBV	125001	142337	6.10%	0.750%
26	12.821	1821	1825	1828	rBV	2104396	1874519	80.32%	9.884%
27	12.898	1835	1838	1845	rVB5	16742	32844	1.41%	0.173%
28	13.121	1871	1876	1880	rVB2	21498	28742	1.23%	0.152%
29	13.539	1943	1947	1952	rVB2	21238	32220	1.38%	0.170%
30	13.639	1959	1964	1966	rBV2	19742	29608	1.27%	0.156%
31	13.739	1975	1981	1989	rVB5	66919	150499	6.45%	0.794%
32	13.880	2001	2005	2009	rBV	736096	818599	35.08%	4.316%
33	13.909	2009	2010	2016	rVB	96688	68438	2.93%	0.361%
34	14.274	2067	2072	2075	rBV	33394	46296	1.98%	0.244%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : S10

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.339	2080	2083	2086	rBV3	43422	50274	2.15%	0.265%
36	14.404	2091	2094	2099	rVB5	28933	48566	2.08%	0.256%
37	14.698	2142	2144	2147	rVB	57951	53783	2.30%	0.284%
38	14.762	2151	2155	2158	rBV4	26856	39818	1.71%	0.210%
39	14.909	2176	2180	2183	rBV	142711	210085	9.00%	1.108%
40	15.009	2194	2197	2201	rBV	37625	50591	2.17%	0.267%
41	15.198	2225	2229	2233	rVB	83692	98766	4.23%	0.521%
42	15.256	2236	2239	2243	rVV	91702	111377	4.77%	0.587%
43	15.309	2243	2248	2258	rVB	638462	855449	36.65%	4.510%
44	15.703	2311	2315	2320	rBV3	50473	69521	2.98%	0.367%
45	16.727	2484	2489	2497	rVB2	62024	139034	5.96%	0.733%
46	16.886	2510	2516	2520	rBV8	15794	35180	1.51%	0.185%
47	17.150	2557	2561	2570	rVB	37292	79594	3.41%	0.420%

Sum of corrected areas: 18966082

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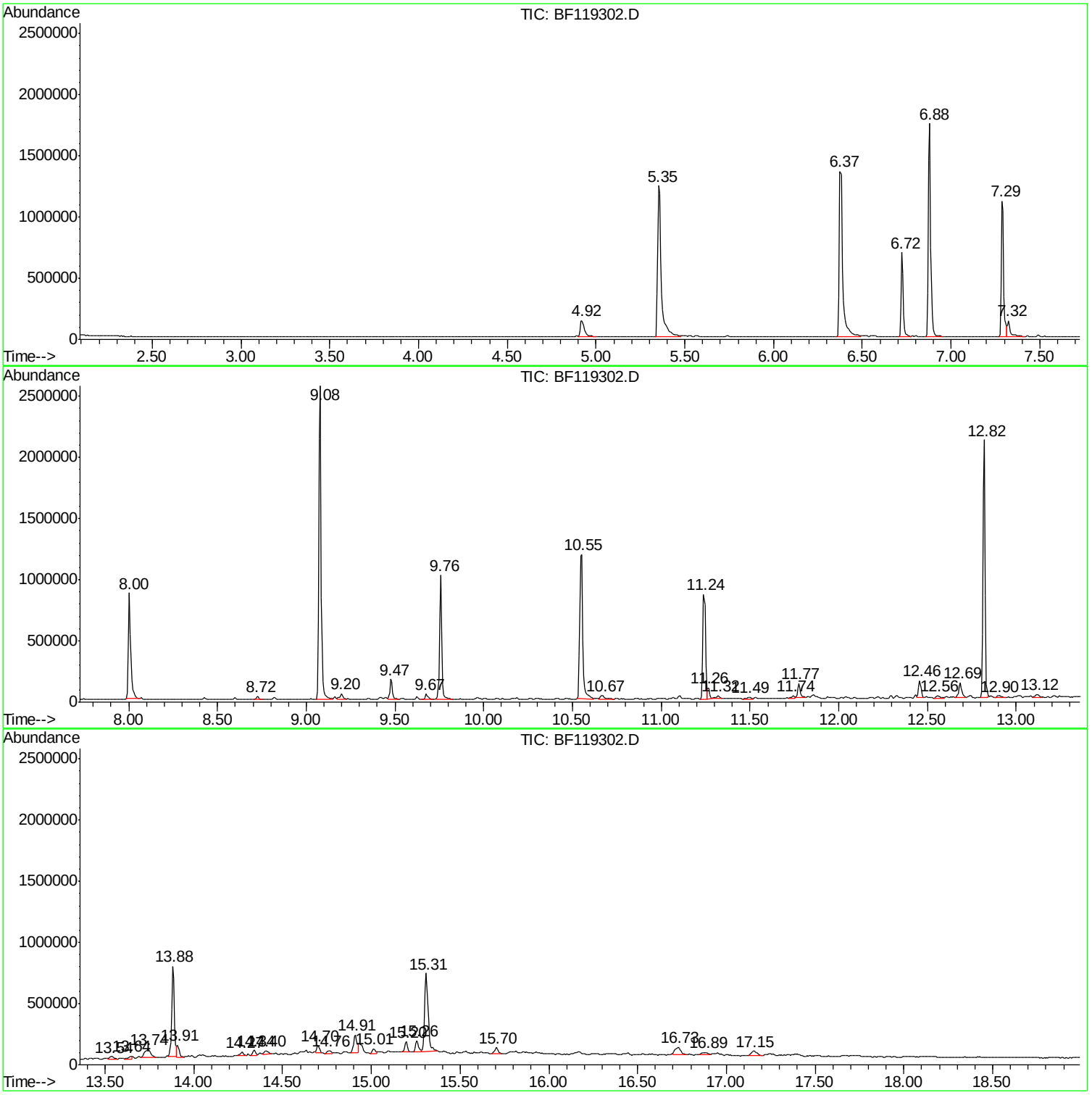
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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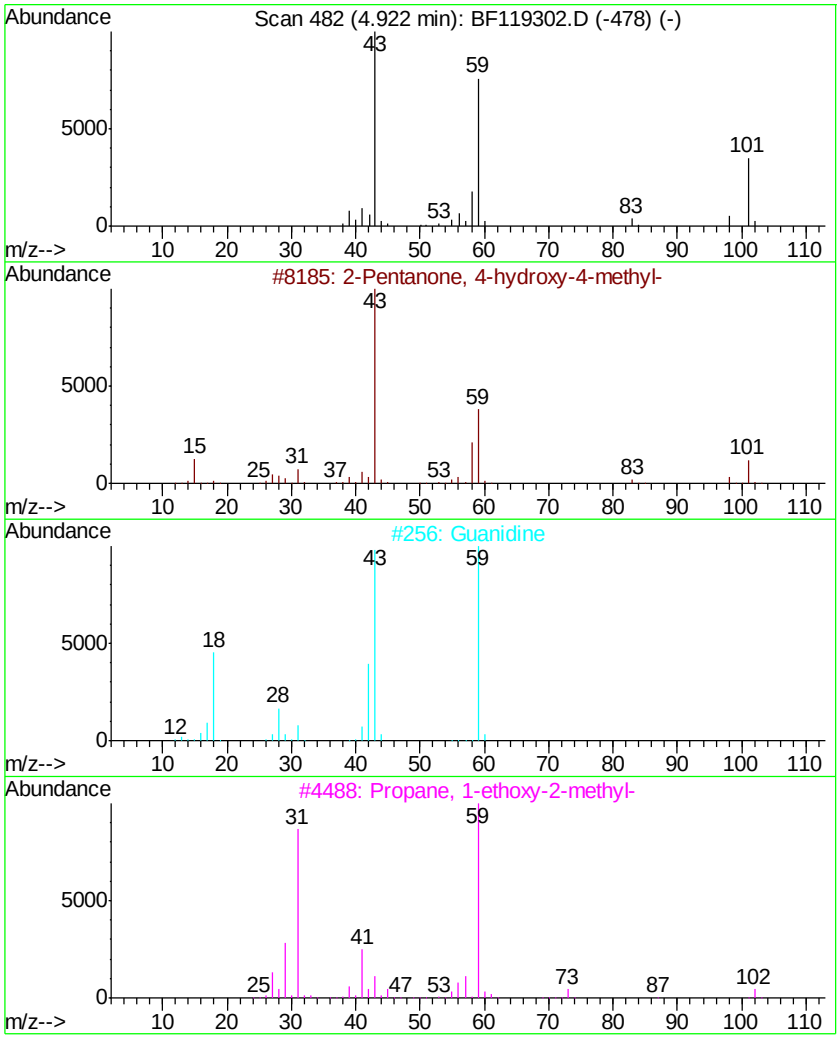
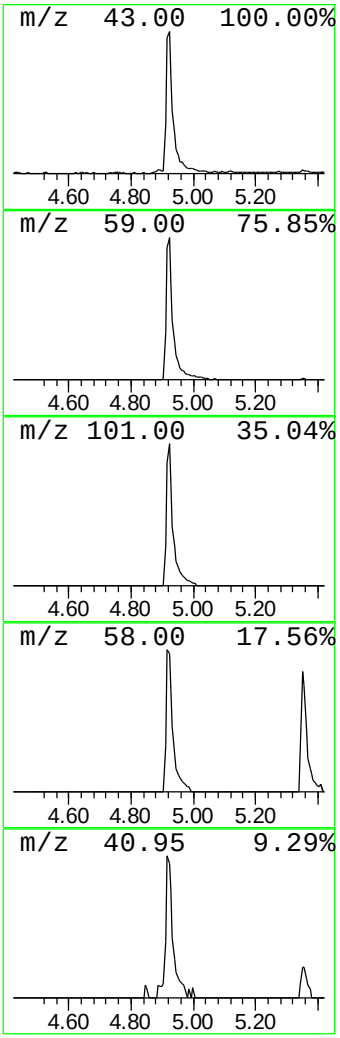
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.27 ng	191208	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Guanidine	59	CH5N3	000113-00-8	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28





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ClientSampleId : S10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
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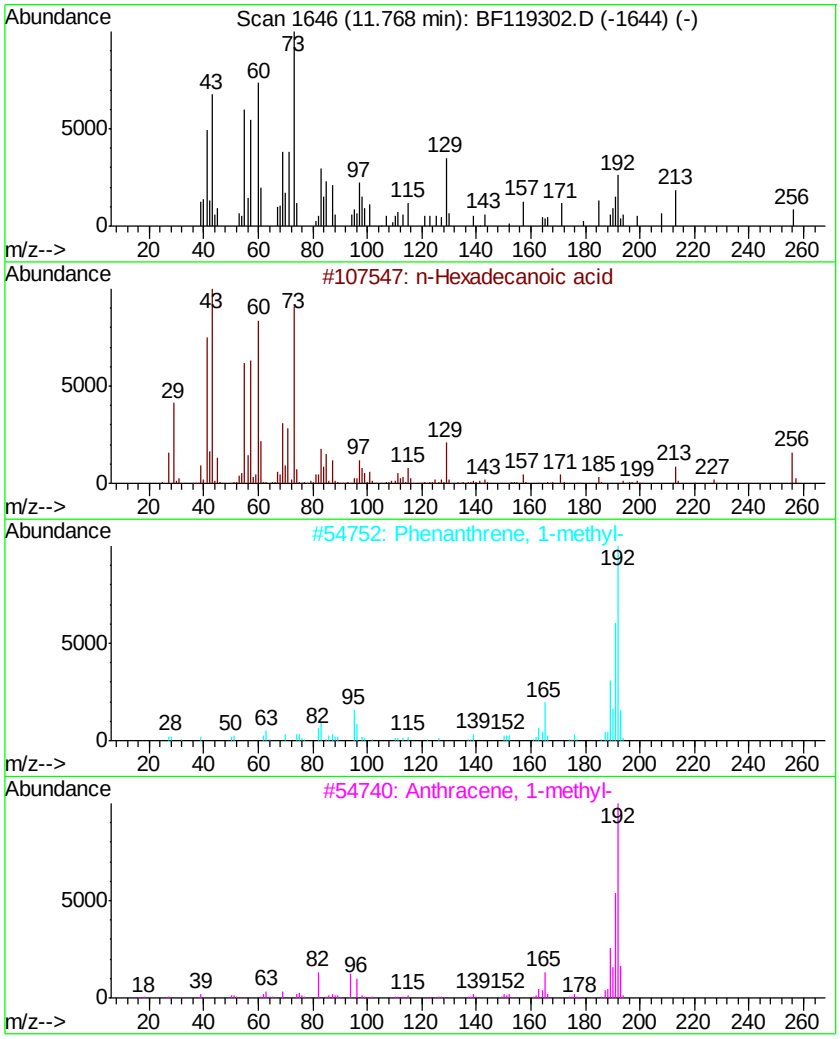
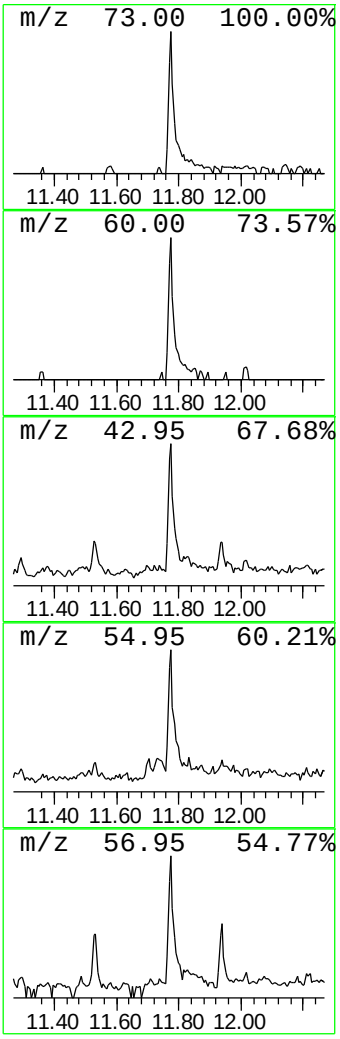
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.98 ng	121414	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52





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Instrument : BNA_F
ClientSampleId : S10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
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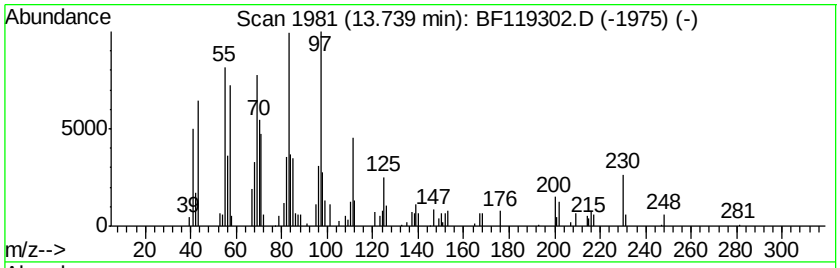
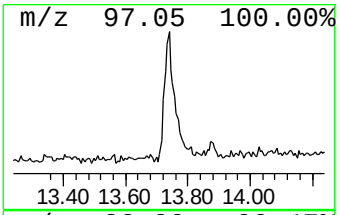
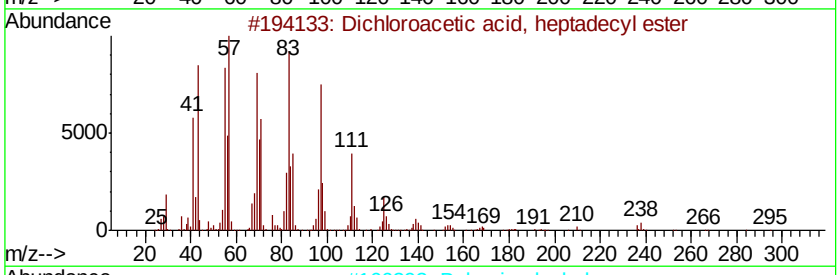
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

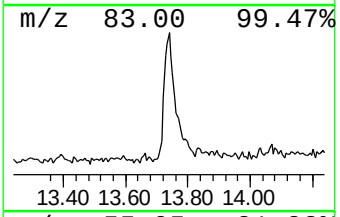
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.68 ng	150499	Chrysene-d12	13.88

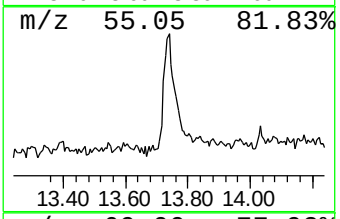
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90

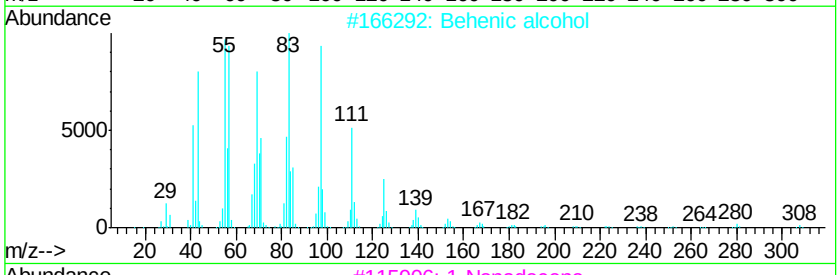


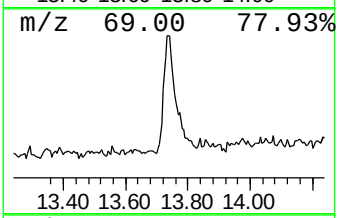


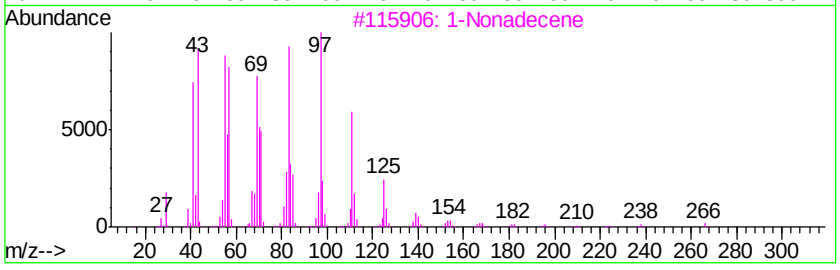


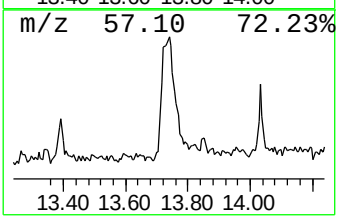












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

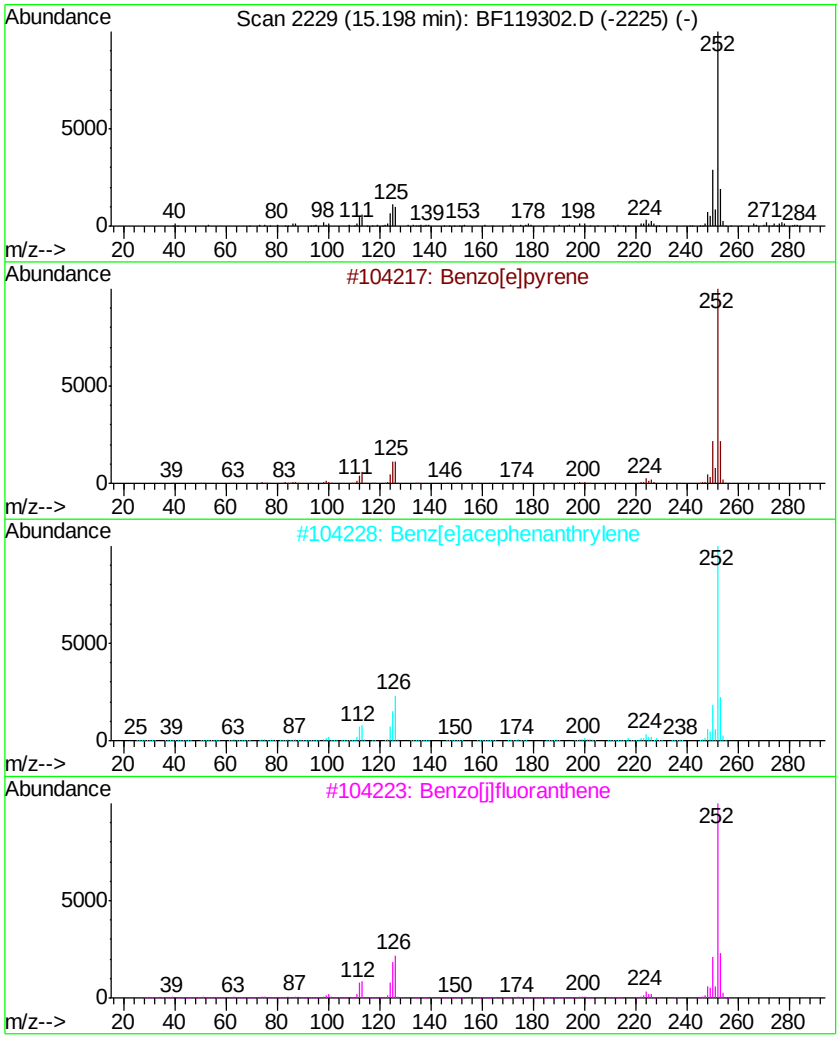
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

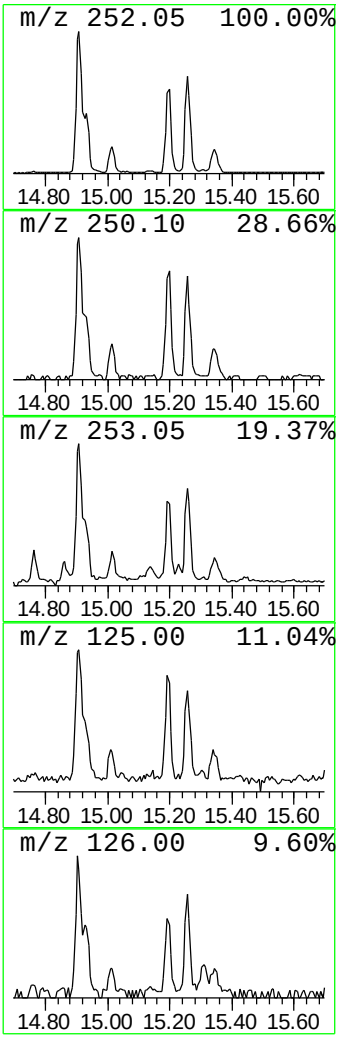
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.31 ng	98766	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	6.3	ng	191208	1	6.72	609644	20.0
n-Hexadecanoic acid	11.77	3.0	ng	121414	4	11.24	815625	20.0
Dichloroacetic ac...	13.74	3.7	ng	150499	5	13.88	818599	20.0
Benzo[e]pyrene	15.20	2.3	ng	98766	6	15.31	855449	20.0