LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	16	rVB	276652	430265	43.77%	4.255%
2	3.969	314	319	324	rBV	7232	11914	1.21%	0.118%
3	5.492	573	578	588	rBV	316940	418849	42.61%	4.142%
4	6.498	744	749	768	rVB	306509	419915	42.72%	4.153%
5	6.886	810	815	820	rBV	523327	648196	65.94%	6.410%
6	7.445	901	910	920	rBV	195693	260405	26.49%	2.575%
7	7.698	949	953	959	rVB	9435	12497	1.27%	0.124%
8	8.169	1026	1033	1050	rBV	603333	764461	77.77%	7.560%
9	9.239	1210	1215	1225	rBV	345331	449891	45.77%	4.449%
10	9.322	1226	1229	1236	rVB3	9295	14828	1.51%	0.147%
11	9.580	1269	1273	1276	rBV	7840	12255	1.25%	0.121%
12	9.639	1279	1283	1290	rVB5	9715	15893	1.62%	0.157%
13	9.698	1290	1293	1303	rVB6	5536	10371	1.06%	0.103%
14	9.786	1303	1308	1312	rBV	46344	62296	6.34%	0.616%
15	9.851	1315	1319	1323	rVB2	7843	12097	1.23%	0.120%
16	9.922	1326	1331	1336	rBV	551536	698182	71.03%	6.905%
17	10.122	1361	1365	1369	rVB2	8934	12986	1.32%	0.128%
18	10.239	1380	1385	1387	rBV3	8794	13139	1.34%	0.130%
19	10.469	1421	1424	1430	rVB	13896	20718	2.11%	0.205%
20	10.633	1447	1452	1459	rVV	36021	48645	4.95%	0.481%
21	10.710	1460	1465	1477	rVB	156612	221926	22.58%	2.195%
22	10.833	1481	1486	1492	rVB3	24118	40586	4.13%	0.401%
23	11.016	1513	1517	1520	rBV4	10775	16537	1.68%	0.164%
24	11.151	1535	1540	1541	rBV3	8593	14023	1.43%	0.139%
25	11.216	1547	1551	1554	rBV2	7236	10010	1.02%	0.099%
26	11.269	1556	1560	1563	rVV2	17255	28536	2.90%	0.282%
27	11.304	1563	1566	1572	rVB	19097	27096	2.76%	0.268%
28	11.410	1579	1584	1593	rBV2	531618	859118	87.40%	8.496%
29	11.486	1593	1597	1600	rVV	40276	51027	5.19%	0.505%
30	11.698	1630	1633	1637	rVB2	15114	17604	1.79%	0.174%
31	11.739	1637	1640	1645	rBV2	12848	15187	1.55%	0.150%
32	11.863	1658	1661	1663	rBV4	12528	16221	1.65%	0.160%
33	11.933	1665	1673	1679	rVV2	100897	221724	22.56%	2.193%
34	12.021	1684	1688	1696	rVB2	79617	151296	15.39%	1.496%
35	12.104	1699	1702	1706	rVV	21788	30268	3.08%	0.299%
36	12.210	1716	1720	1721	rBV	24359	32912	3.35%	0.325%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.463	1759	1763	1765	rBV	54462	76541	7.79%	0.757%
38	12.492	1766	1768	1774	rVV2	47652	71570	7.28%	0.708%
39	12.545	1774	1777	1781	rVV	30580	41805	4.25%	0.413%
40	12.621	1786	1790	1795	rBV	487978	626243	63.71%	6.193%
41	12.851	1823	1829	1835	rBV	472014	732209	74.49%	7.241%
42	12.992	1849	1853	1860	rVB	351734	475177	48.34%	4.699%
43	14.045	2027	2032	2036	rBV2	566489	982948	100.00%	9.721%
44	15.098	2207	2211	2219	rVB	216412	463908	47.20%	4.588%
45	15.462	2270	2273	2280	rVB	149566	226011	22.99%	2.235%
46	15.527	2281	2284	2289	rBV	205658	323599	32.92%	3.200%

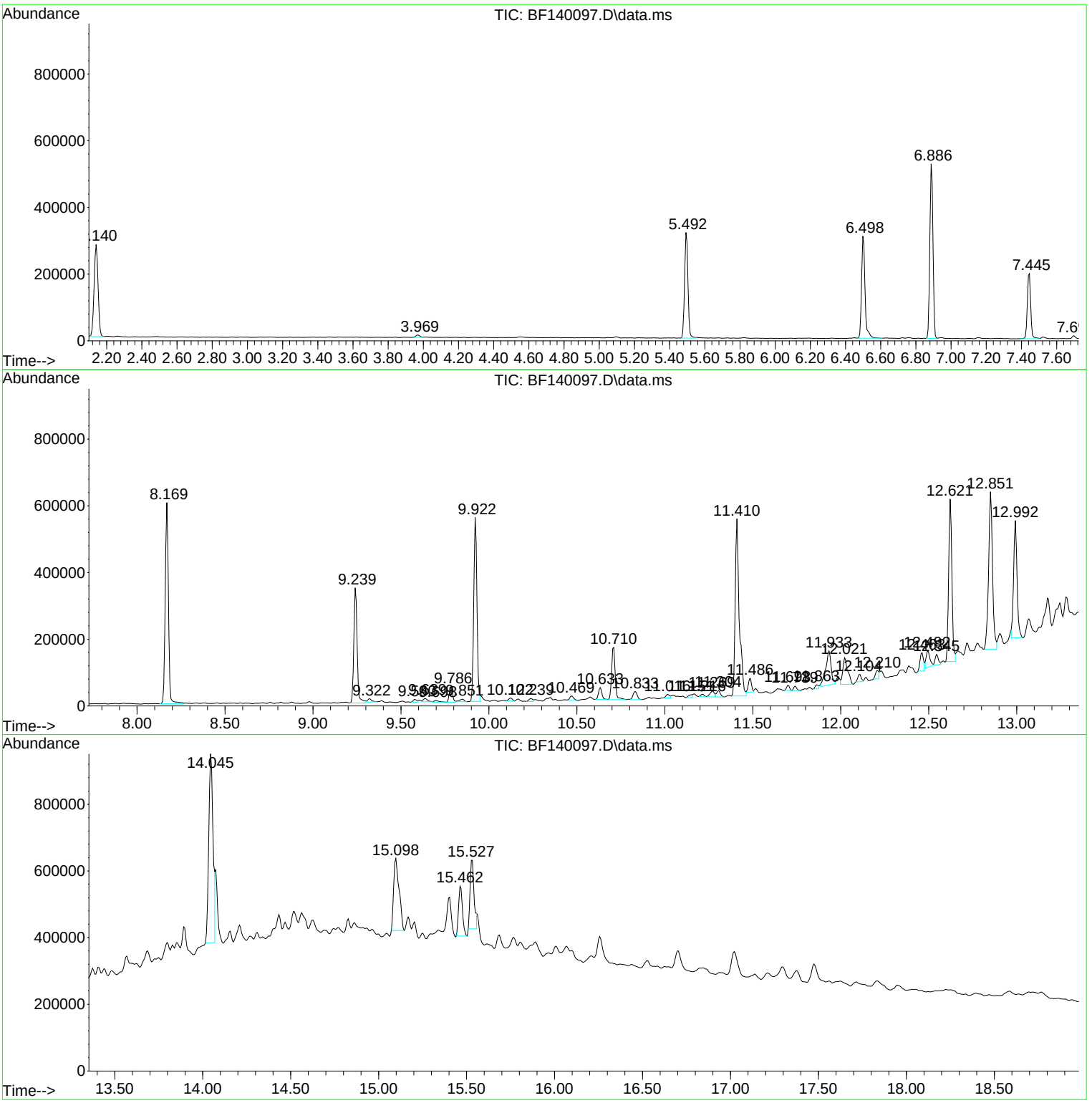
Sum of corrected areas: 10111885

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

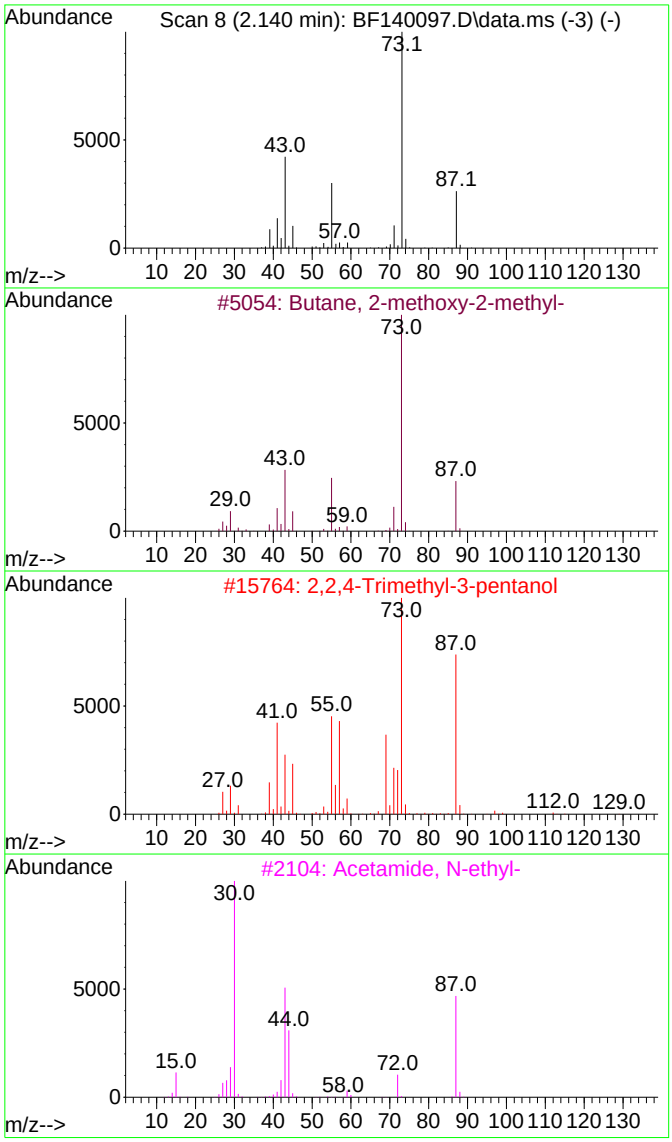
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

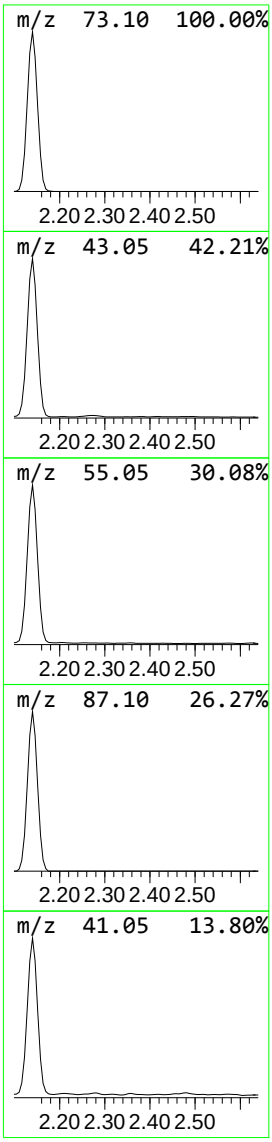
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	13.28 ng	430265	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

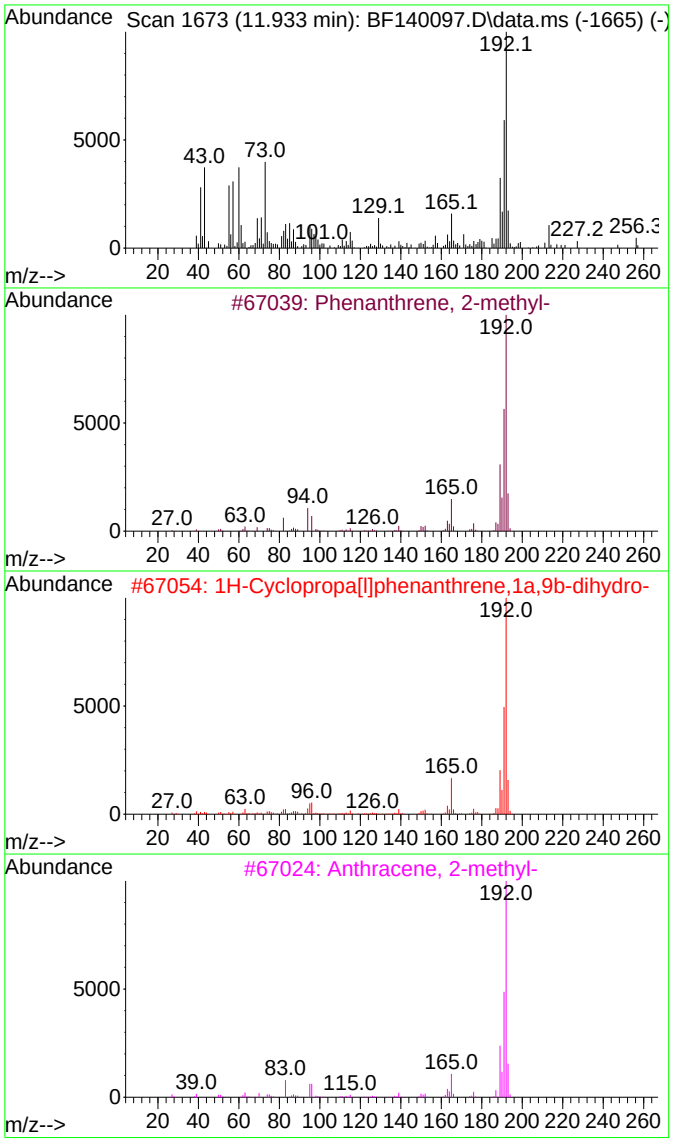
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

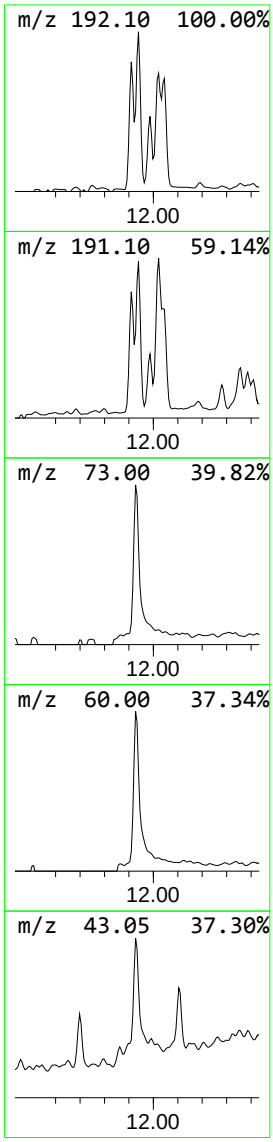
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.16 ng	221724	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

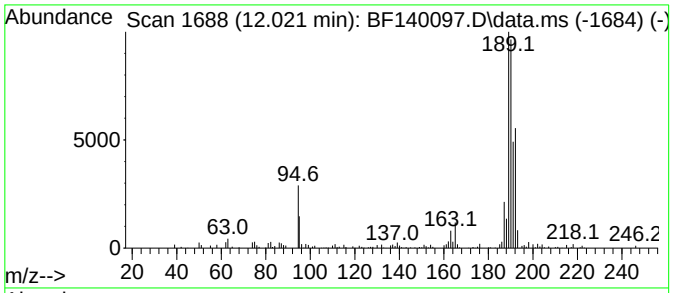
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

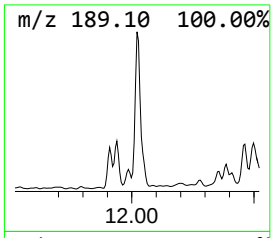
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

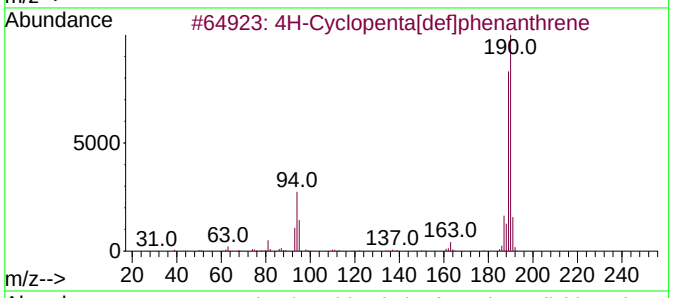
****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

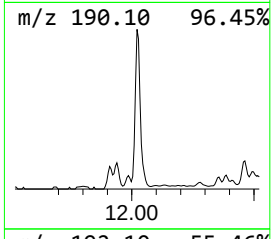
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	3.52 ng	151296	Phenanthrene-d10	11.410

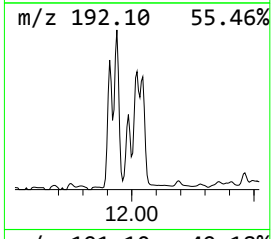
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22

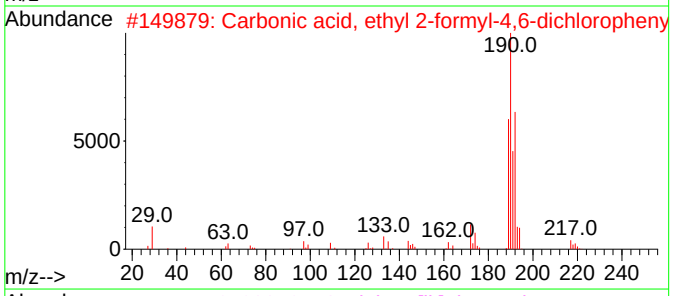


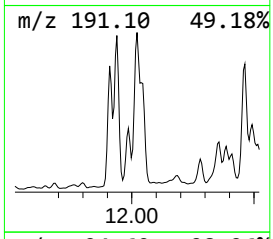


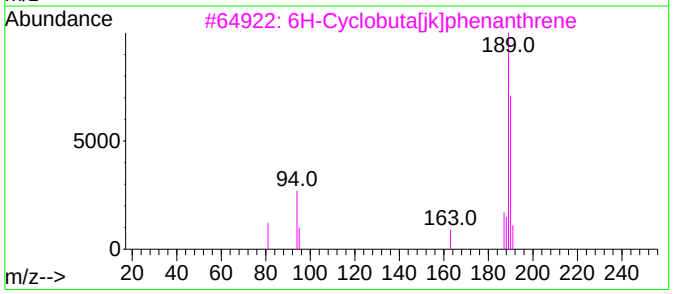


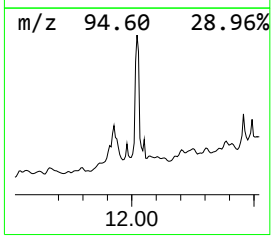












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140097.D
Acq On : 28 Oct 2024 19:55
Operator : RC/JU
Sample : P4566-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-102524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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
Butane, 2-metho...	2.140	13.3	ng	430265	1	6.886	648196	20.0
Phenanthrene, 2...	11.933	5.2	ng	221724	4	11.410	859118	20.0
4H-Cyclopenta[d...	12.022	3.5	ng	151296	4	11.410	859118	20.0