LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	5	14	22	rVB	46944	70642	2.34%	0.280%
2	5.422	562	567	570	rBV	2932899	2913243	96.65%	11.555%
3	6.422	732	737	740	rBV	3035797	2936454	97.42%	11.647%
4	6.622	768	771	778	rBV	75762	67526	2.24%	0.268%
5	6.793	797	800	804	rBV	1317234	1058628	35.12%	4.199%
6	7.351	890	895	898	rBV	2138575	1842623	61.13%	7.309%
7	7.392	898	902	905	rVB	143182	105419	3.50%	0.418%
8	8.069	1014	1017	1021	rBV	1529975	1340834	44.48%	5.318%
9	9.151	1196	1201	1204	rBV	3745763	3014162	100.00%	11.956%
10	9.269	1218	1221	1224	rVB	49019	40719	1.35%	0.162%
11	9.828	1312	1316	1319	rVB	1429256	1217067	40.38%	4.827%
12	10.610	1445	1449	1453	rBV	1721250	1544839	51.25%	6.128%
13	11.316	1565	1569	1571	rBV	1225837	1128537	37.44%	4.476%
14	11.333	1571	1572	1576	rVV	298757	204193	6.77%	0.810%
15	11.386	1576	1581	1584	rVB	62409	56561	1.88%	0.224%
16	11.816	1651	1654	1656	rBV	65757	53779	1.78%	0.213%
17	11.851	1656	1660	1664	rVV2	349743	377061	12.51%	1.496%
18	11.886	1664	1666	1670	rVV2	52999	61929	2.05%	0.246%
19	11.927	1670	1673	1675	rVV2	66297	81347	2.70%	0.323%
20	11.951	1675	1677	1683	rVB	50665	44824	1.49%	0.178%
21	12.116	1701	1705	1706	rBV	42840	39452	1.31%	0.156%
22	12.133	1706	1708	1712	rVB	49524	40207	1.33%	0.159%
23	12.363	1744	1747	1751	rBV	49543	57525	1.91%	0.228%
24	12.445	1759	1761	1766	rVB2	49412	57623	1.91%	0.229%
25	12.527	1771	1775	1778	rBV	455910	375968	12.47%	1.491%
26	12.563	1778	1781	1789	rBV	221680	260189	8.63%	1.032%
27	12.639	1792	1794	1799	rVB2	53549	64311	2.13%	0.255%
28	12.757	1808	1814	1817	rBV2	350131	379018	12.57%	1.503%
29	12.804	1819	1822	1827	rVB2	30941	49491	1.64%	0.196%
30	12.874	1831	1834	1836	rBV	37608	36999	1.23%	0.147%
31	12.910	1836	1840	1843	rVV	2676899	2369164	78.60%	9.397%
32	12.980	1846	1852	1855	rBV2	46993	79479	2.64%	0.315%
33	13.063	1863	1866	1868	rBV3	39006	52171	1.73%	0.207%
34	13.080	1868	1869	1873	rVB	52940	45608	1.51%	0.181%
35	13.186	1884	1887	1891	rVB2	73244	72428	2.40%	0.287%
36	13.386	1918	1921	1929	rVB5	36776	47913	1.59%	0.190%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.498	1931	1940	1945	rBV6	33988	73575	2.44%	0.292%
38	13.592	1953	1956	1961	rVB	62234	67238	2.23%	0.267%
39	13.698	1971	1974	1978	rBV2	33623	53126	1.76%	0.211%
40	13.821	1992	1995	2001	rVB	222595	228232	7.57%	0.905%
41	13.957	2013	2018	2021	rBV2	1090447	1124472	37.31%	4.460%
42	13.980	2021	2022	2025	rVB	171058	114863	3.81%	0.456%
43	14.345	2081	2084	2086	rBV	44216	45300	1.50%	0.180%
44	14.457	2098	2103	2108	rBV5	55481	107835	3.58%	0.428%
45	14.763	2152	2155	2159	rVB2	26627	36876	1.22%	0.146%
46	14.992	2190	2194	2197	rBV	118717	177026	5.87%	0.702%
47	15.104	2210	2213	2216	rBV	61550	63237	2.10%	0.251%
48	15.292	2242	2245	2251	rVB	70946	96581	3.20%	0.383%
49	15.357	2252	2256	2262	rBV	89728	115484	3.83%	0.458%
50	15.421	2262	2267	2271	rBV	561508	667262	22.14%	2.647%
51	16.886	2513	2516	2522	rVB3	31034	52318	1.74%	0.208%

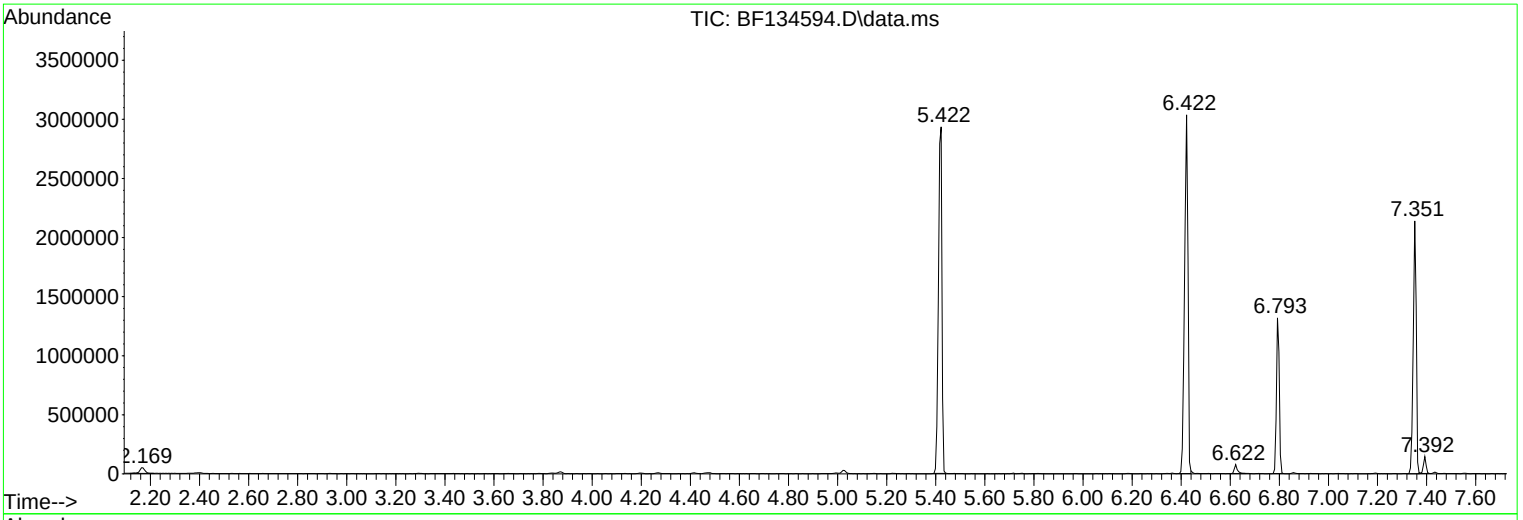
Sum of corrected areas: 25211358

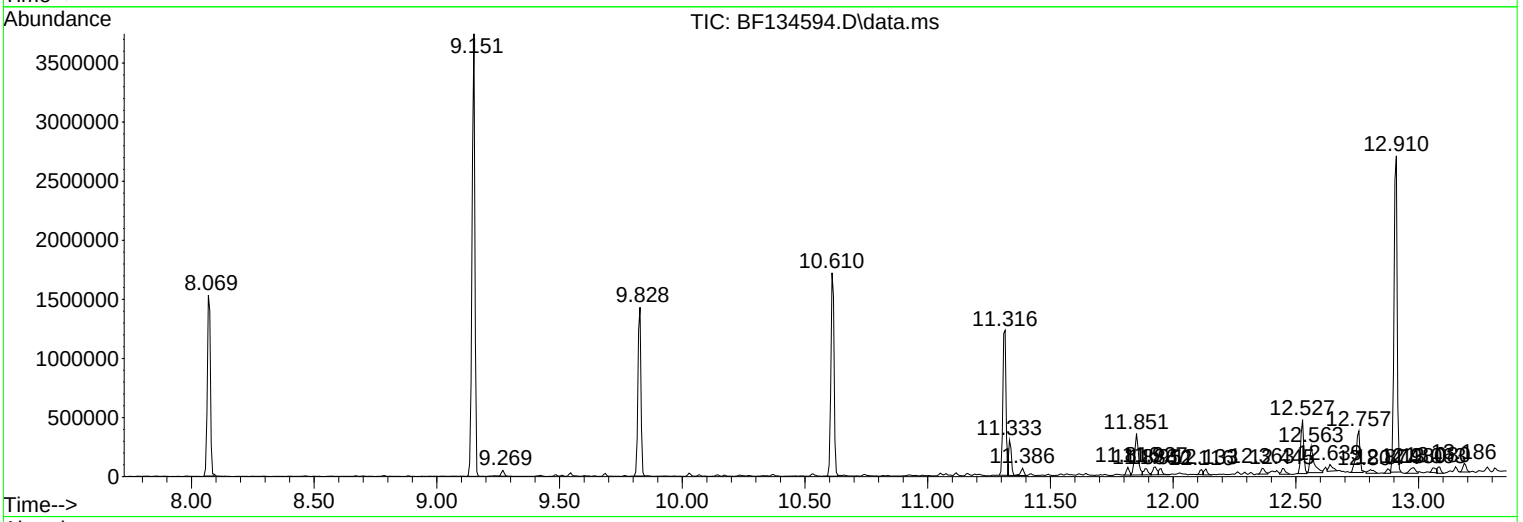
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

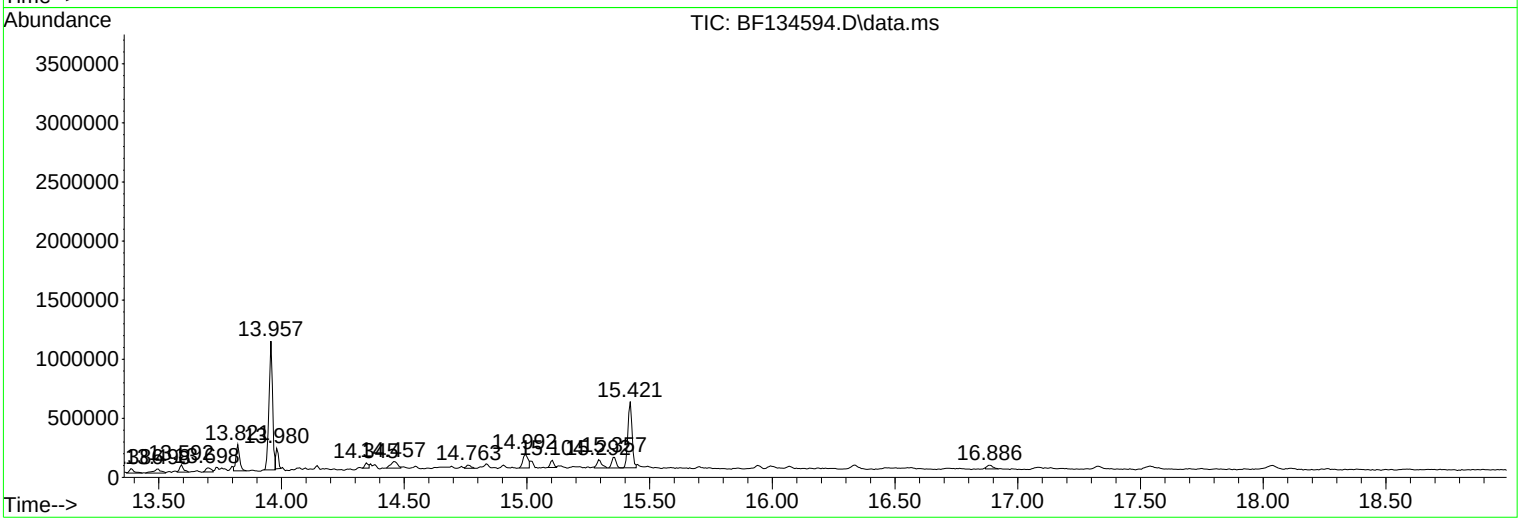
Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

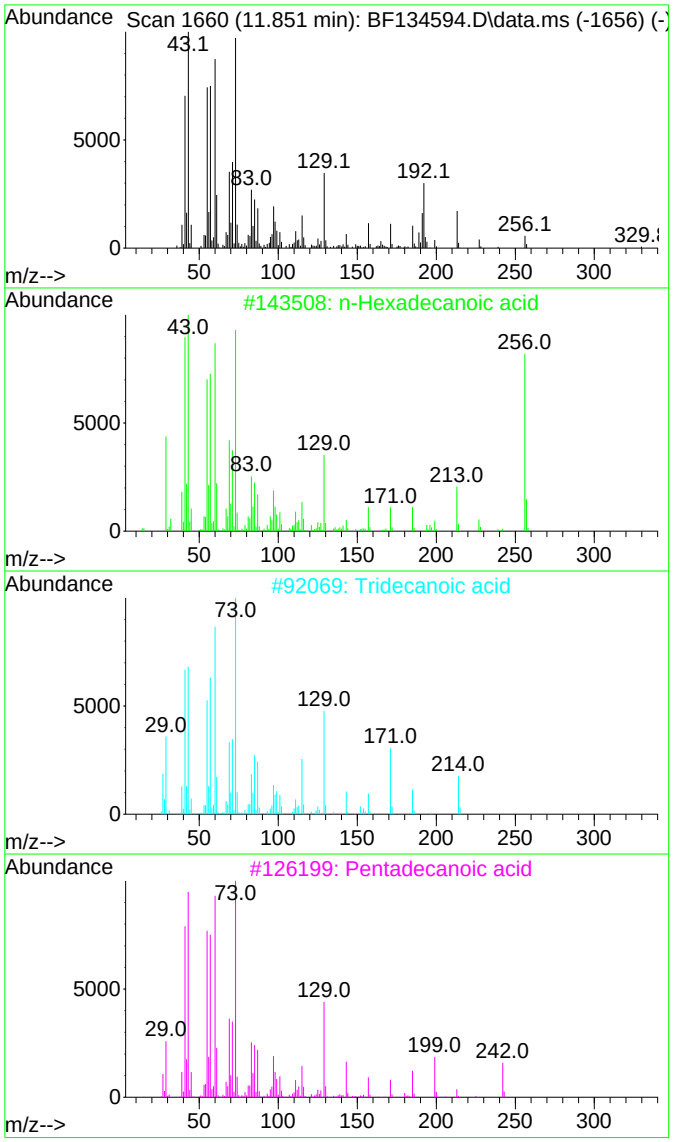
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

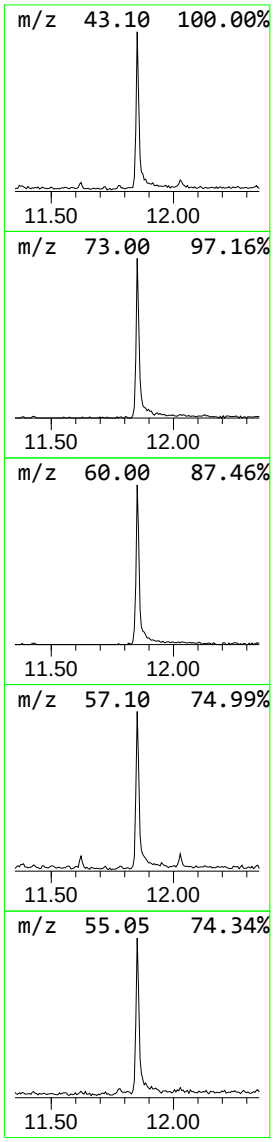
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.68 ng	377061	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

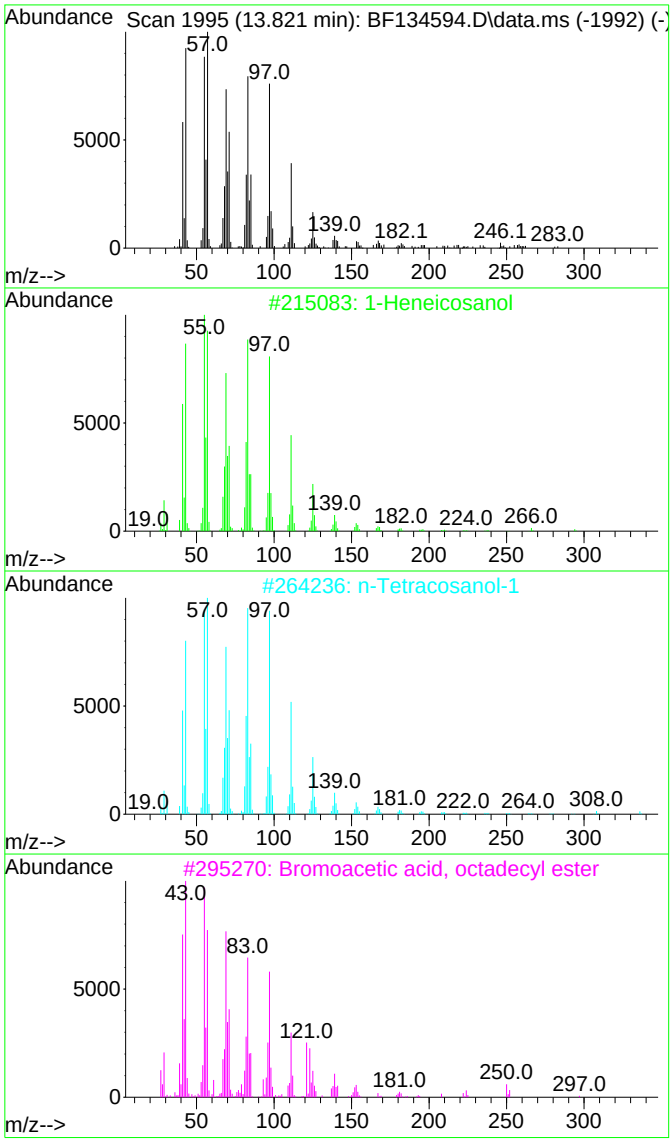
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

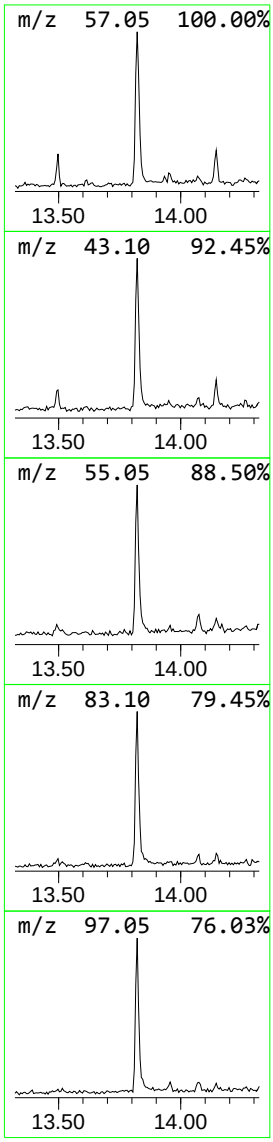
****

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	4.06 ng	228232	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

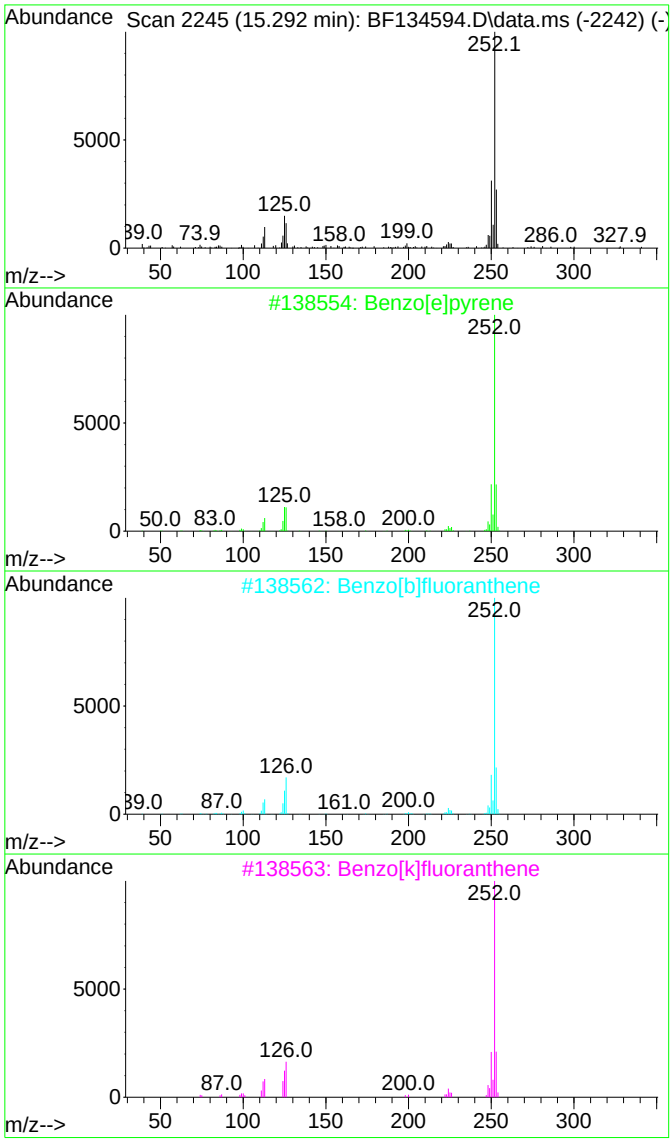
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

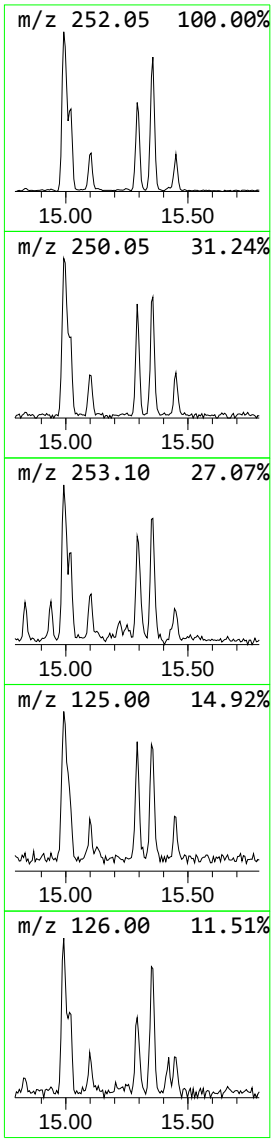
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	2.89 ng	96581	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	92
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134594.D
Acq On : 02 Aug 2023 22:48
Operator : CG\JU
Sample : 03598-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-56-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
n-Hexadecanoic ...	11.851	6.7	ng	377061	4	11.316	1128540	20.0
1-Heneicosanol	13.822	4.1	ng	228232	5	13.957	1124470	20.0
Benzo[e]pyrene	15.292	2.9	ng	96581	6	15.421	667262	20.0