LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134309.D
Acq On : 15 Jul 2023 02:03
Operator : CG\JU
Sample : 03597-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-45-(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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	503	508	517	rBV	23728	30149	2.15%	0.265%
2	5.469	572	575	592	rBV	1229492	1273896	90.89%	11.200%
3	6.475	742	746	762	rBV	1385429	1315081	93.82%	11.562%
4	6.675	777	780	793	rVB	12942	22852	1.63%	0.201%
5	6.839	805	808	816	rBV	608427	475583	33.93%	4.181%
6	7.404	900	904	916	rBV	976161	847121	60.44%	7.448%
7	8.122	1022	1026	1033	rBV	680672	610802	43.58%	5.370%
8	9.198	1205	1209	1212	rBV	1724738	1401646	100.00%	12.323%
9	9.310	1224	1228	1232	rVB	29570	27827	1.99%	0.245%
10	9.880	1321	1325	1328	rBV	701048	624292	44.54%	5.489%
11	10.668	1456	1459	1472	rBV	1023940	951348	67.87%	8.364%
12	11.374	1575	1579	1581	rBV	717335	617743	44.07%	5.431%
13	11.398	1581	1583	1588	rVV	68300	63488	4.53%	0.558%
14	11.439	1588	1590	1594	rVB2	15384	18774	1.34%	0.165%
15	11.904	1666	1669	1676	rBV3	100618	114454	8.17%	1.006%
16	12.427	1755	1758	1762	rBV	17890	19945	1.42%	0.175%
17	12.474	1762	1766	1771	rVB6	14221	24973	1.78%	0.220%
18	12.592	1782	1786	1790	rBV	107539	106642	7.61%	0.938%
19	12.692	1800	1803	1809	rBV3	27208	36237	2.59%	0.319%
20	12.827	1820	1826	1831	rBV	105503	111625	7.96%	0.981%
21	12.968	1846	1850	1857	rVV	1399731	1185754	84.60%	10.425%
22	13.045	1859	1863	1868	rVB5	10896	17589	1.25%	0.155%
23	13.545	1943	1948	1950	rBV2	15334	17081	1.22%	0.150%
24	13.909	2006	2010	2019	rVB8	20116	43243	3.09%	0.380%
25	14.033	2024	2031	2034	rBV	539103	563364	40.19%	4.953%
26	14.056	2034	2035	2043	rVB	60206	64321	4.59%	0.566%
27	14.192	2054	2058	2061	rBV4	22248	28902	2.06%	0.254%
28	14.427	2095	2098	2101	rVB2	16684	18209	1.30%	0.160%
29	14.503	2108	2111	2117	rBV6	21268	28086	2.00%	0.247%
30	14.662	2135	2138	2142	rVB2	35016	35797	2.55%	0.315%
31	15.098	2208	2212	2215	rBV	49850	71955	5.13%	0.633%
32	15.168	2221	2224	2228	rBV3	22710	23606	1.68%	0.208%
33	15.409	2261	2265	2271	rVB	30192	42715	3.05%	0.376%
34	15.474	2271	2276	2281	rBV	39069	52313	3.73%	0.460%
35	15.539	2282	2287	2299	rVV	282725	388651	27.73%	3.417%
36	16.015	2366	2368	2375	rVB4	16071	25456	1.82%	0.224%

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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.509	2446	2452	2454	rBV6	19200	38563	2.75%	0.339%
38	17.086	2545	2550	2556	rBV3	16307	33762	2.41%	0.297%

Sum of corrected areas: 11373845

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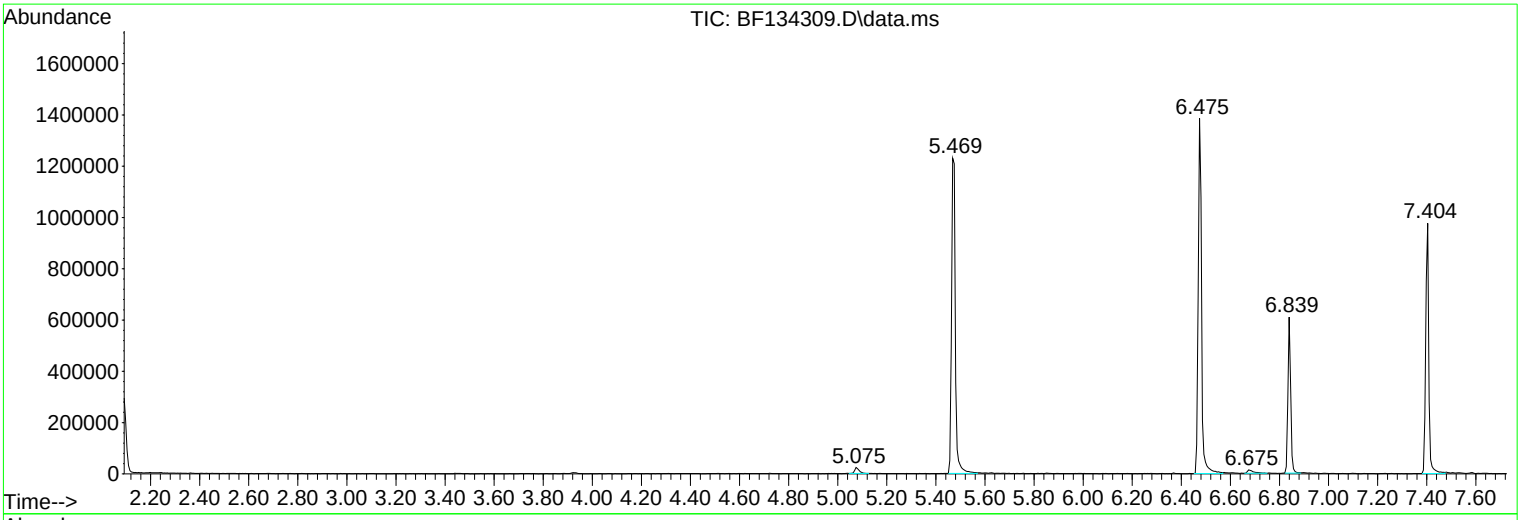
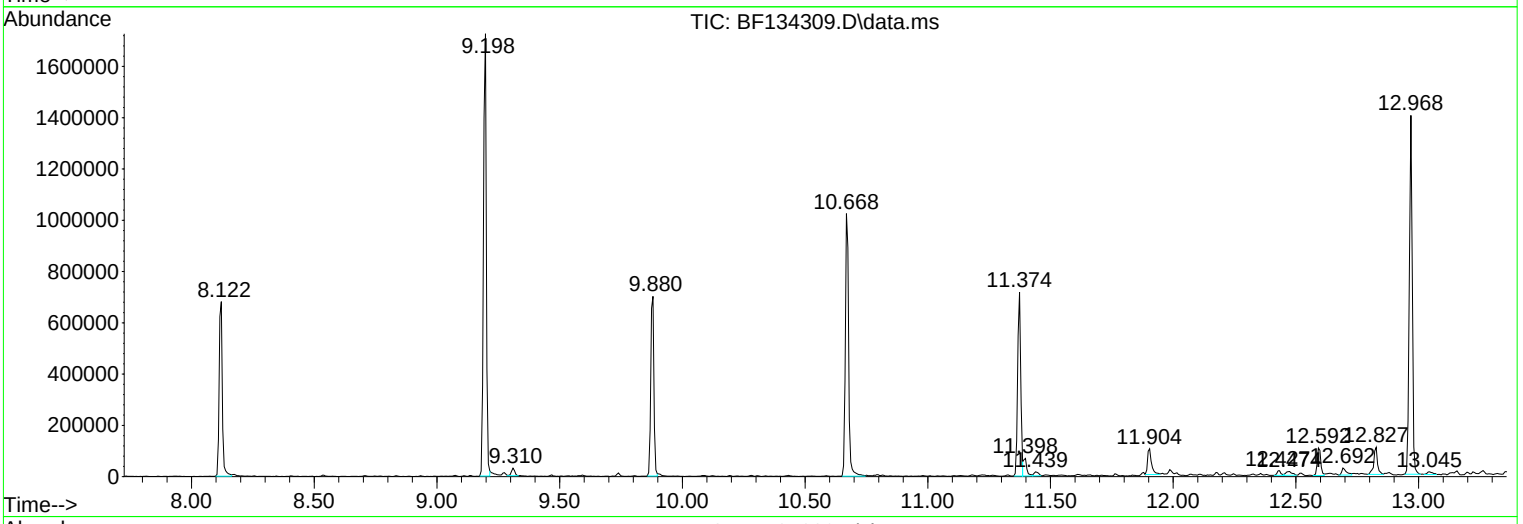
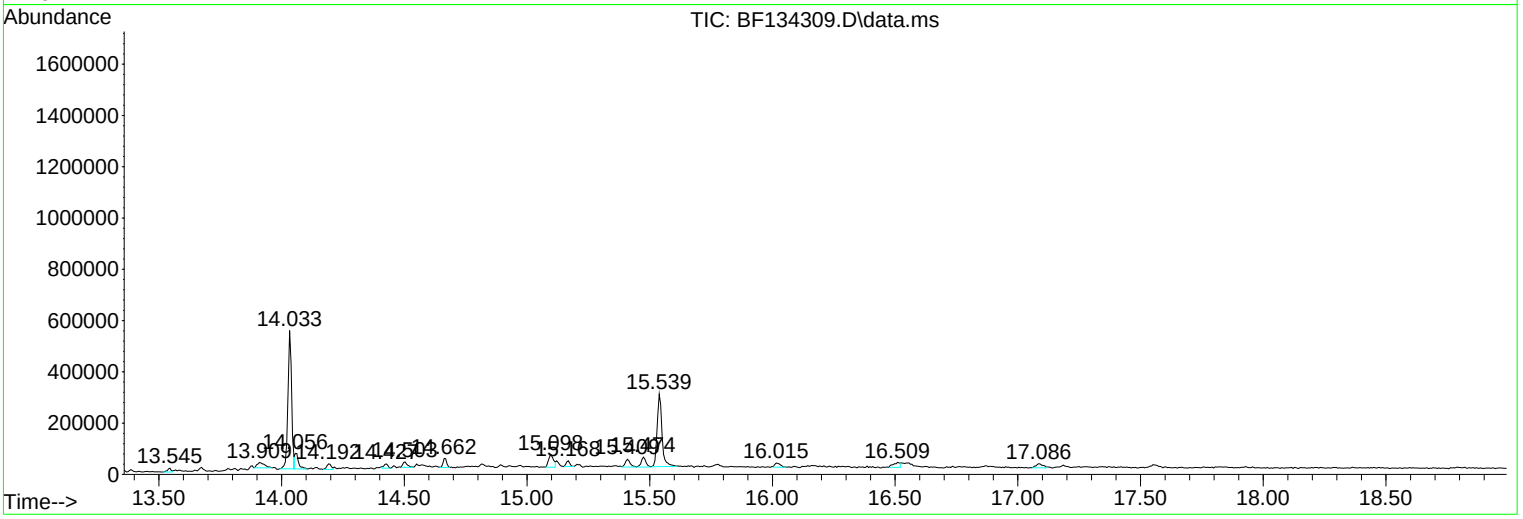
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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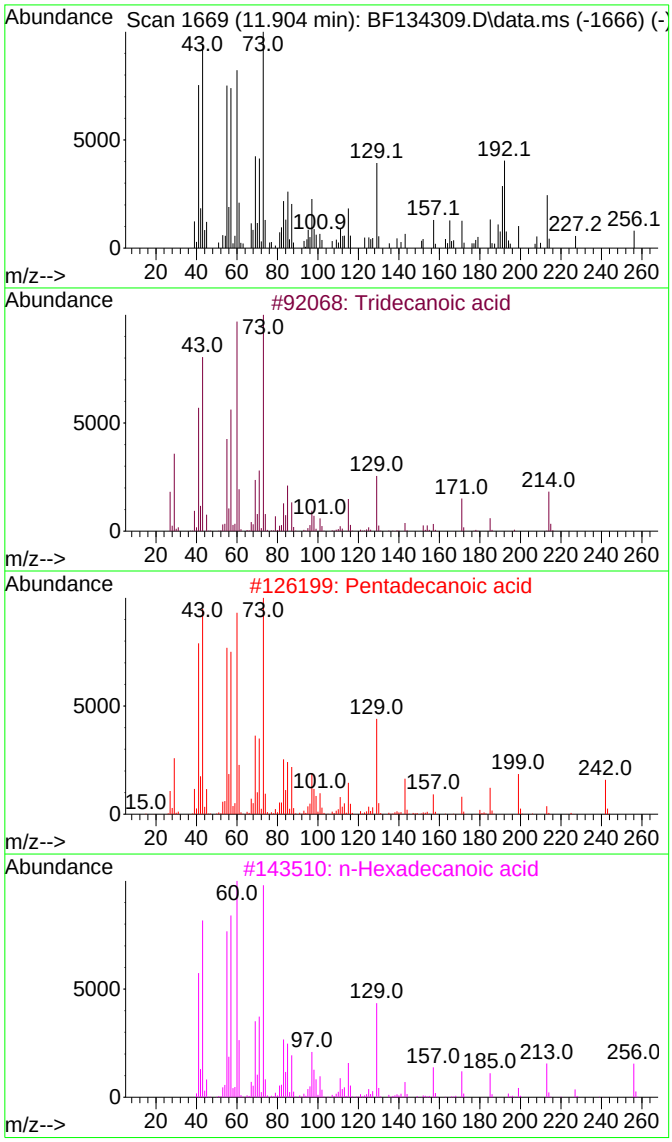
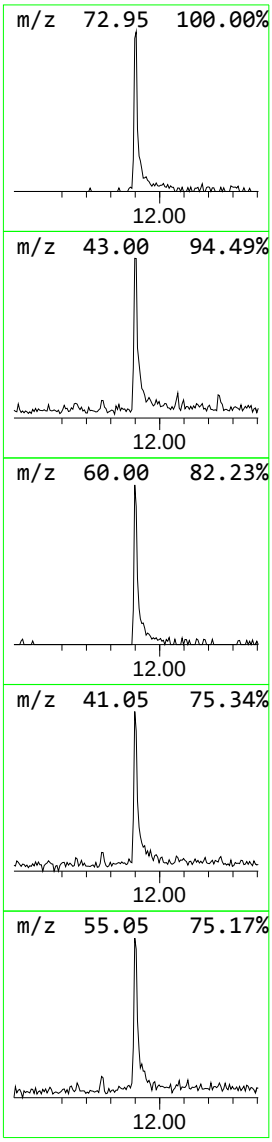
Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.71 ng	114454	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	78
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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

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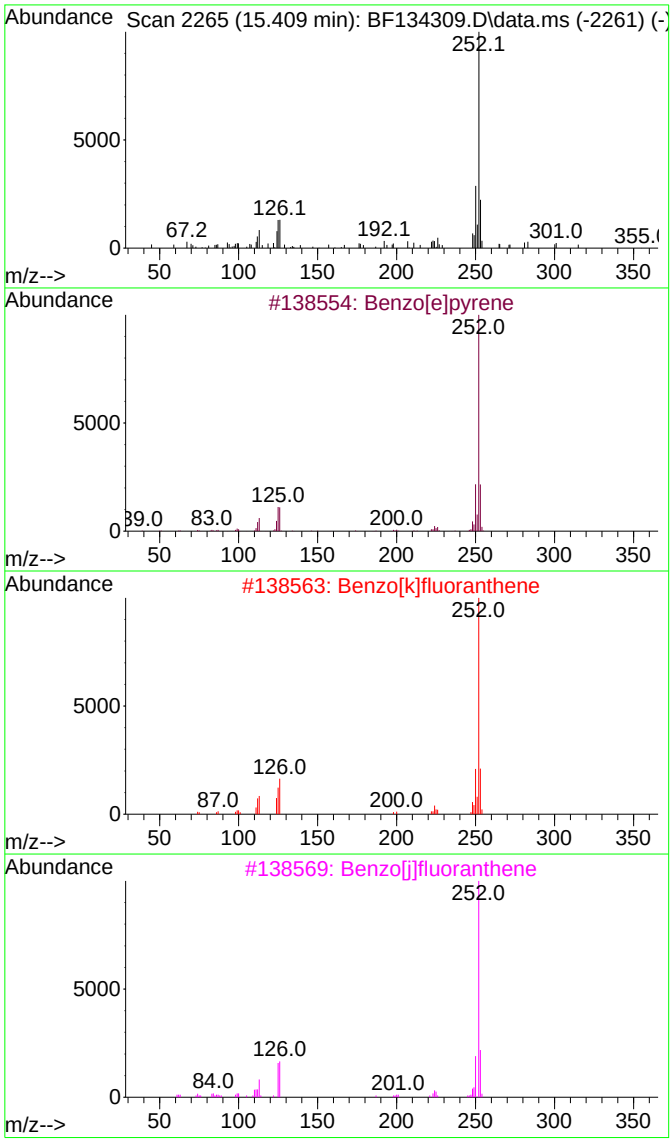
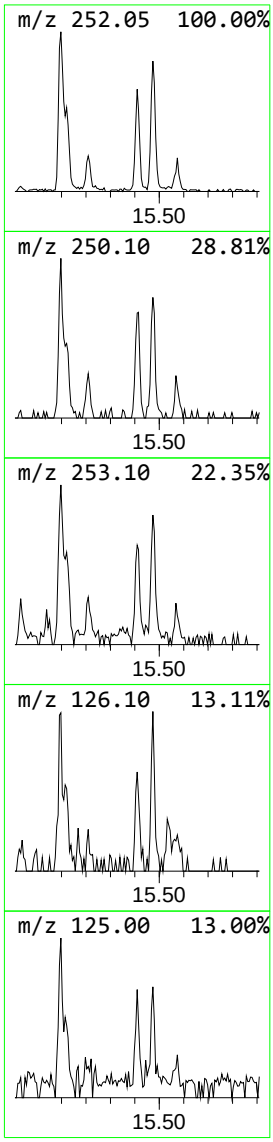
Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	2.20 ng	42715	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Tridecanoic acid	11.904	3.7	ng	114454	4	11.374	617743	20.0
Benzo[e]pyrene	15.409	2.2	ng	42715	6	15.539	388651	20.0