LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120634.D
Acq On : 17 Jun 2020 16:00
Operator : JU/CG
Sample : L3024-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-25

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-BF061020.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	5.404	560	564	573	rBV	2276509	2122711	62.89%	8.006%
2	6.428	733	738	741	rBV	2490540	2180916	64.62%	8.225%
3	6.798	797	801	804	rBV	914649	748229	22.17%	2.822%
4	6.951	823	827	831	rBV	2368703	1936716	57.38%	7.304%
5	7.357	892	896	899	rBV	1807729	1455580	43.13%	5.490%
6	8.080	1015	1019	1022	rBV	1077436	971927	28.80%	3.666%
7	9.151	1197	1201	1204	rBV	3501605	2870663	85.05%	10.827%
8	9.545	1264	1268	1271	rBV	252940	190678	5.65%	0.719%
9	9.751	1295	1303	1313	rBV2	47123	99057	2.93%	0.374%
10	9.827	1313	1316	1320	rVB	1376652	1134229	33.61%	4.278%
11	10.616	1446	1450	1453	rBV	2187353	1867123	55.32%	7.042%
12	11.310	1565	1568	1571	rBV	1383939	1253880	37.15%	4.729%
13	11.333	1571	1572	1575	rVV	102547	65244	1.93%	0.246%
14	11.386	1579	1581	1584	rVB	53030	41963	1.24%	0.158%
15	11.839	1655	1658	1661	rBV	100354	87612	2.60%	0.330%
16	11.874	1661	1664	1669	rVB2	33800	45933	1.36%	0.173%
17	12.521	1771	1774	1778	rVB	281521	223953	6.64%	0.845%
18	12.627	1788	1792	1797	rBV2	73302	94579	2.80%	0.357%
19	12.751	1806	1813	1816	rBV2	243895	256078	7.59%	0.966%
20	12.898	1834	1838	1841	rBV	3873612	3375161	100.00%	12.729%
21	12.968	1846	1850	1854	rBV3	35033	50543	1.50%	0.191%
22	13.062	1862	1866	1867	rBV3	34679	48104	1.43%	0.181%
23	13.145	1872	1880	1882	rBV5	31197	60334	1.79%	0.228%
24	13.180	1882	1886	1889	rBV2	51357	61653	1.83%	0.233%
25	13.586	1952	1955	1959	rVB	36454	42465	1.26%	0.160%
26	13.698	1970	1974	1977	rBV3	29306	46478	1.38%	0.175%
27	13.745	1980	1982	1987	rVV2	36645	51488	1.53%	0.194%
28	13.798	1987	1991	2001	rVV4	323600	513349	15.21%	1.936%
29	13.945	2009	2016	2019	rBV	1432508	1622081	48.06%	6.118%
30	13.974	2019	2021	2026	rVB	151484	154597	4.58%	0.583%
31	14.115	2042	2045	2050	rBV5	28212	41480	1.23%	0.156%
32	14.333	2080	2082	2085	rVB	58127	42187	1.25%	0.159%
33	14.721	2145	2148	2151	rBV3	38862	38001	1.13%	0.143%
34	14.968	2186	2190	2193	rBV	253633	346429	10.26%	1.307%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.045	2200	2203	2206	rBV	52647	59915	1.78%	0.226%
36	15.262	2236	2240	2245	rVB	132620	164584	4.88%	0.621%
37	15.321	2246	2250	2255	rVV	141589	165532	4.90%	0.624%
38	15.386	2255	2261	2264	rVV	1137602	1391370	41.22%	5.247%
39	15.415	2264	2266	2272	rVB2	88884	106002	3.14%	0.400%
40	15.833	2335	2337	2344	rVB4	36643	48418	1.43%	0.183%
41	15.903	2344	2349	2356	rBV8	47093	131234	3.89%	0.495%
42	16.609	2464	2469	2479	rVB9	24261	66293	1.96%	0.250%
43	16.786	2495	2499	2506	rBV2	49679	90155	2.67%	0.340%
44	17.021	2534	2539	2544	rBV7	30002	56232	1.67%	0.212%
45	17.209	2567	2571	2582	rVB2	43643	93950	2.78%	0.354%

Sum of corrected areas: 26515106

LSC Report - Integrated Chromatogram

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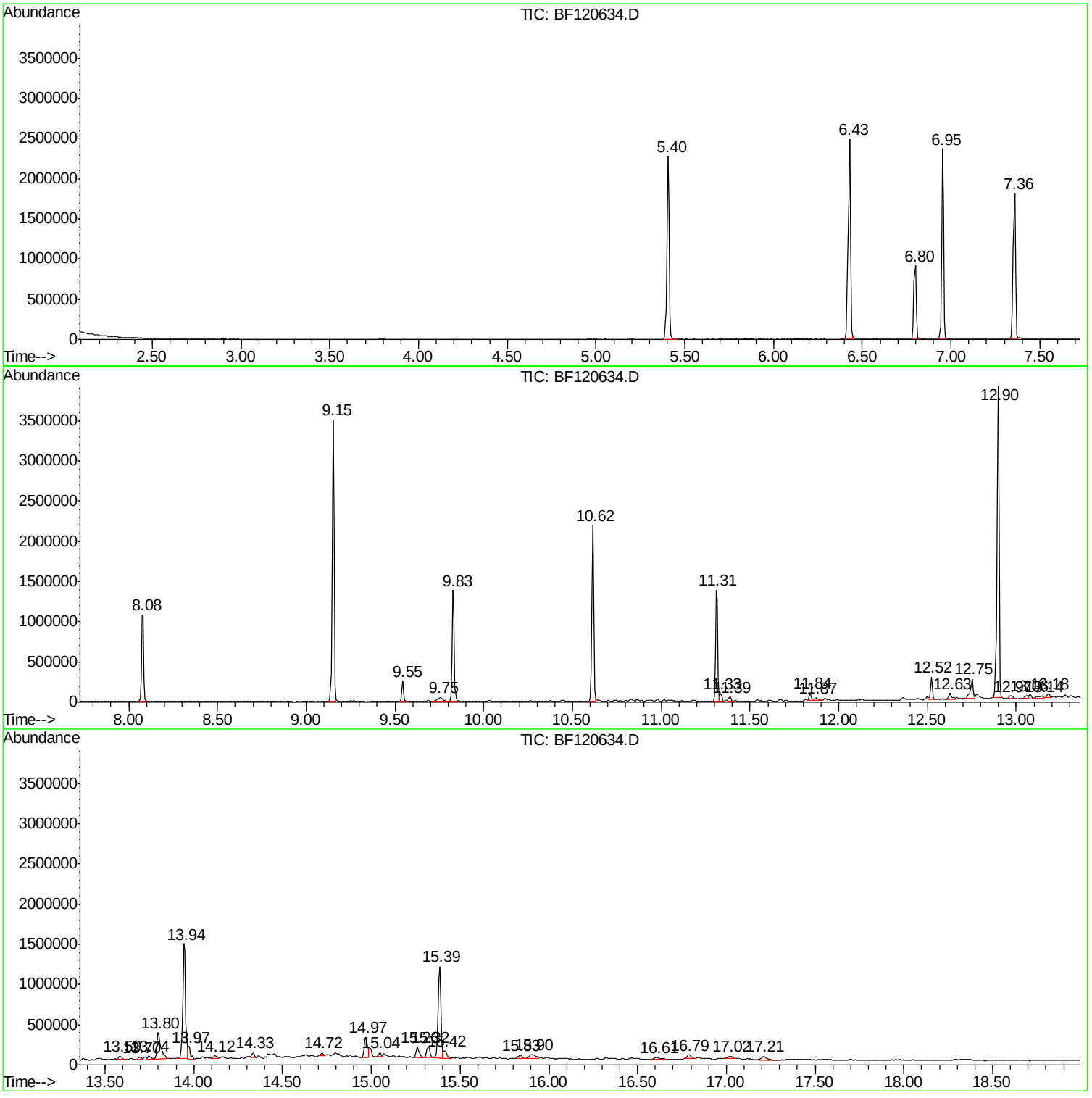
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120634.D
Acq On : 17 Jun 2020 16:00
Operator : JU/CG
Sample : L3024-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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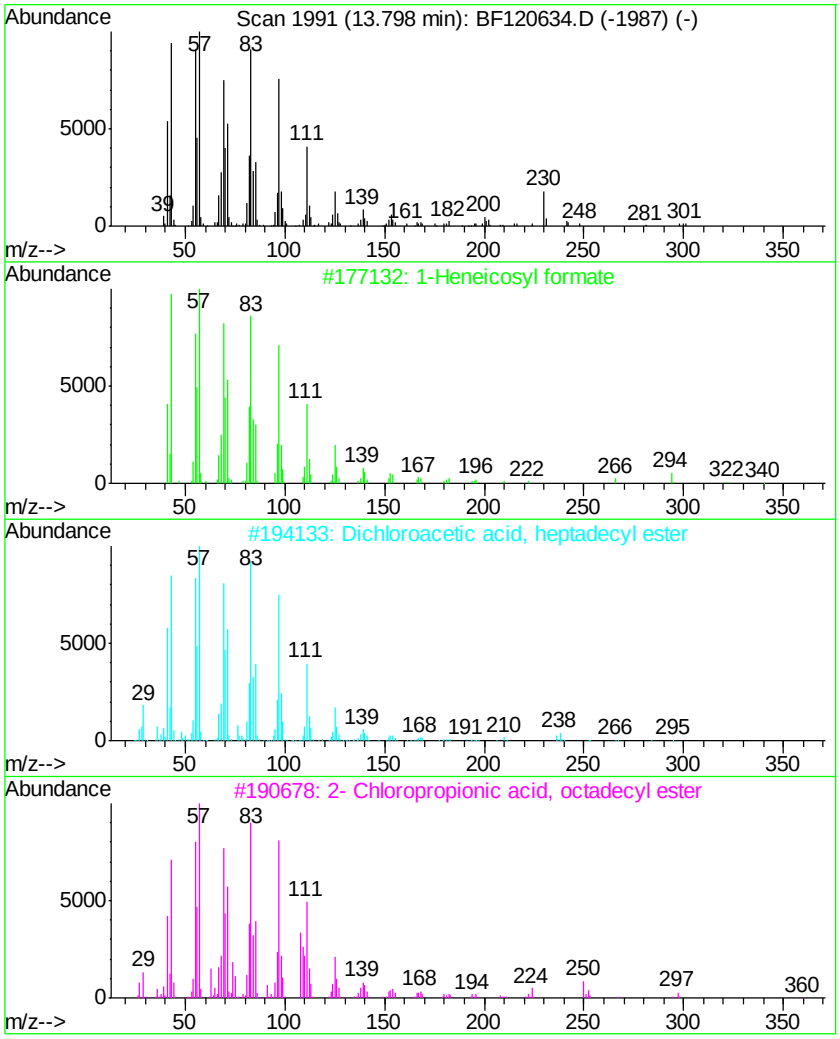
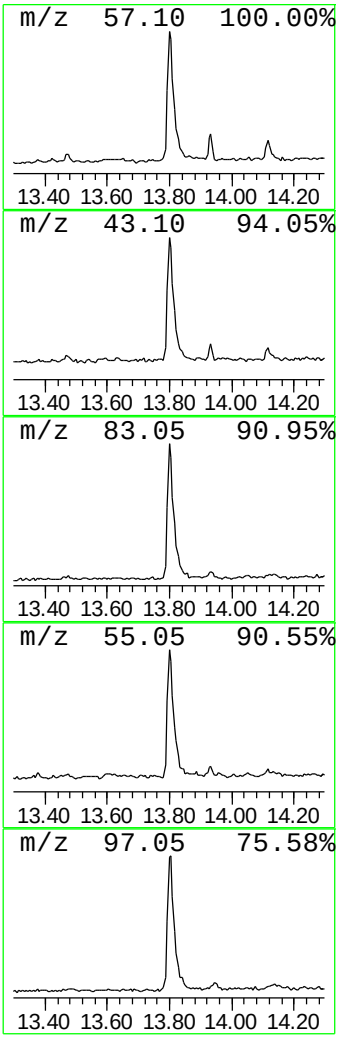
Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.33 ng	513349	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Instrument : BNA_F
ClientSampleId : RO-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

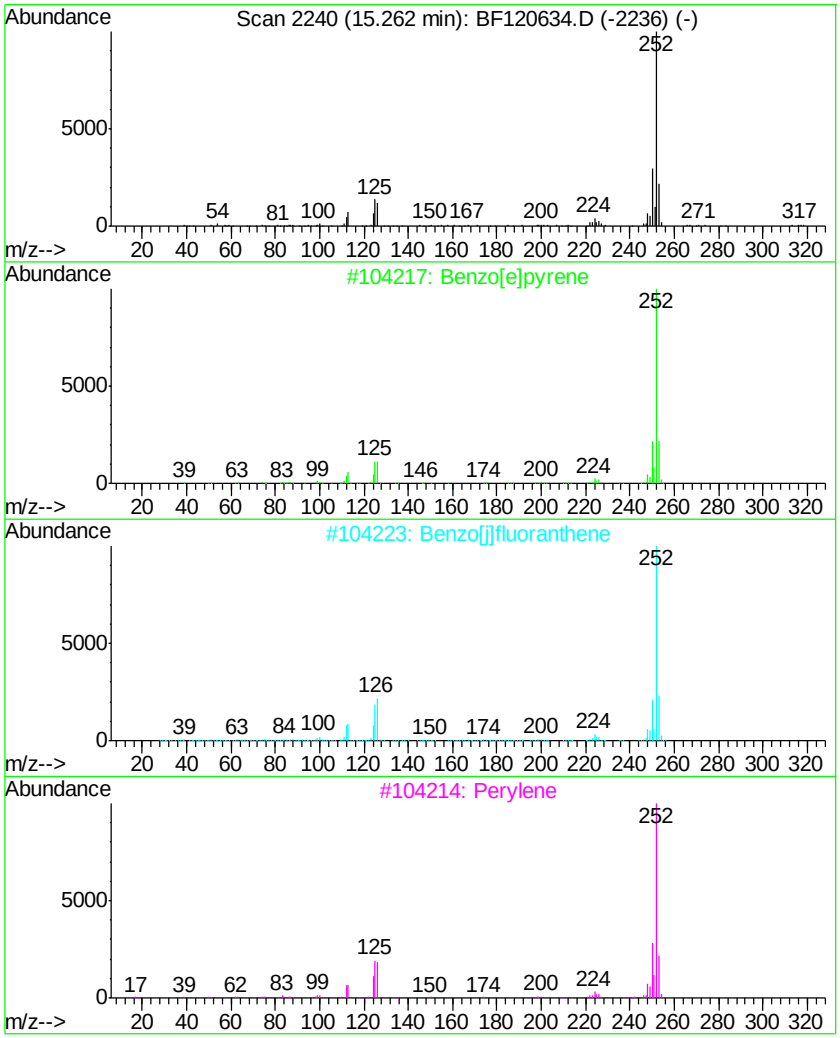
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

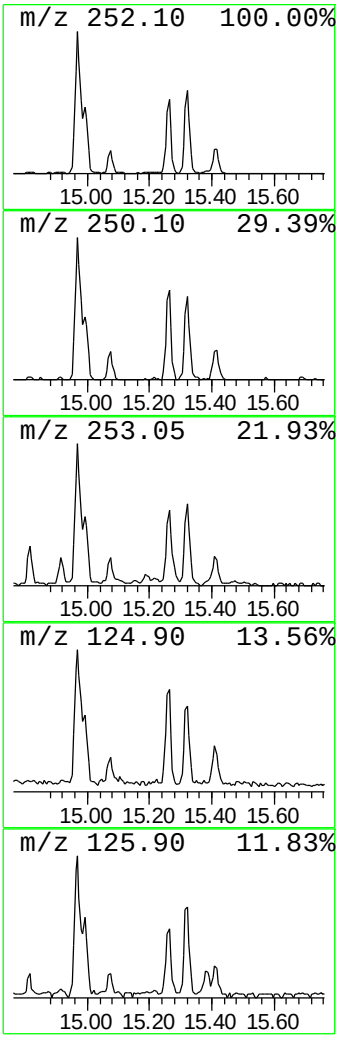
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.37 ng	164584	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : RO-25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Heneicosyl formate	13.80	6.3	ng	513349	5	13.94	1622080	20.0
Benzo[e]pyrene	15.26	2.4	ng	164584	6	15.39	1391370	20.0