LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

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-BF031820.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	2.210	19	21	34	rVB5	20111	44206	1.32%	0.167%
2	5.440	566	570	578	rBV	1003445	877782	26.12%	3.319%
3	6.451	738	742	751	rBV	1078224	894288	26.61%	3.382%
4	6.839	804	808	812	rBV	2449853	2040757	60.73%	7.717%
5	6.992	830	834	838	rBV	841918	752050	22.38%	2.844%
6	7.392	898	902	914	rVB	598131	579420	17.24%	2.191%
7	8.128	1021	1027	1030	rBV	3009887	2722688	81.02%	10.296%
8	9.204	1205	1210	1213	rBV	1347588	1181226	35.15%	4.467%
9	9.598	1270	1277	1281	rBV	78256	73885	2.20%	0.279%
10	9.886	1320	1326	1329	rBV	3565639	3138762	93.40%	11.870%
11	10.669	1455	1459	1469	rBV	774416	688659	20.49%	2.604%
12	11.374	1574	1579	1582	rBV	3696303	3360580	100.00%	12.708%
13	11.898	1665	1668	1673	rBV	143293	124529	3.71%	0.471%
14	11.980	1679	1682	1685	rBV2	31802	36534	1.09%	0.138%
15	12.580	1781	1784	1788	rBV	314428	271658	8.08%	1.027%
16	12.686	1799	1802	1805	rBV2	87415	85867	2.56%	0.325%
17	12.810	1820	1823	1826	rVB	343499	293150	8.72%	1.109%
18	12.957	1844	1848	1852	rVV	1675546	1334772	39.72%	5.048%
19	13.027	1856	1860	1865	rBV3	28308	37578	1.12%	0.142%
20	13.245	1893	1897	1900	rBV	43682	41159	1.22%	0.156%
21	13.645	1962	1965	1972	rVB2	27762	36860	1.10%	0.139%
22	13.763	1980	1985	1987	rBV2	27276	38487	1.15%	0.146%
23	13.815	1991	1994	1997	rBV3	23741	36050	1.07%	0.136%
24	13.868	1997	2003	2005	rBV4	64148	76827	2.29%	0.291%
25	14.015	2022	2028	2030	rBV	2996398	2955395	87.94%	11.176%
26	14.039	2030	2032	2038	rVB	175202	161536	4.81%	0.611%
27	14.115	2040	2045	2050	rBV4	23432	37001	1.10%	0.140%
28	14.186	2053	2057	2061	rVB	111842	101338	3.02%	0.383%
29	14.398	2088	2093	2096	rBV	37209	37101	1.10%	0.140%
30	14.492	2102	2109	2112	rBV	192968	189308	5.63%	0.716%
31	14.798	2157	2161	2169	rVB	232878	248844	7.40%	0.941%
32	15.051	2200	2204	2207	rBV	143151	219961	6.55%	0.832%
33	15.139	2215	2219	2225	rBV2	237550	302664	9.01%	1.145%
34	15.351	2251	2255	2262	rVB	90588	116087	3.45%	0.439%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.409	2262	2265	2271	rVB	103601	120397	3.58%	0.455%
36	15.480	2271	2277	2281	rBV	1683666	2107254	62.71%	7.969%
37	15.527	2281	2285	2291	rVB2	253657	336336	10.01%	1.272%
38	15.962	2354	2359	2365	rBV	173150	259023	7.71%	0.980%
39	16.474	2441	2446	2454	rBV	95656	175708	5.23%	0.664%
40	16.768	2490	2496	2499	rBV7	27869	62333	1.85%	0.236%
41	16.933	2519	2524	2527	rBV3	50715	102974	3.06%	0.389%
42	17.368	2593	2598	2604	rVB2	43679	68759	2.05%	0.260%
43	17.780	2660	2668	2675	rBV8	27845	73909	2.20%	0.279%

Sum of corrected areas: 26443702

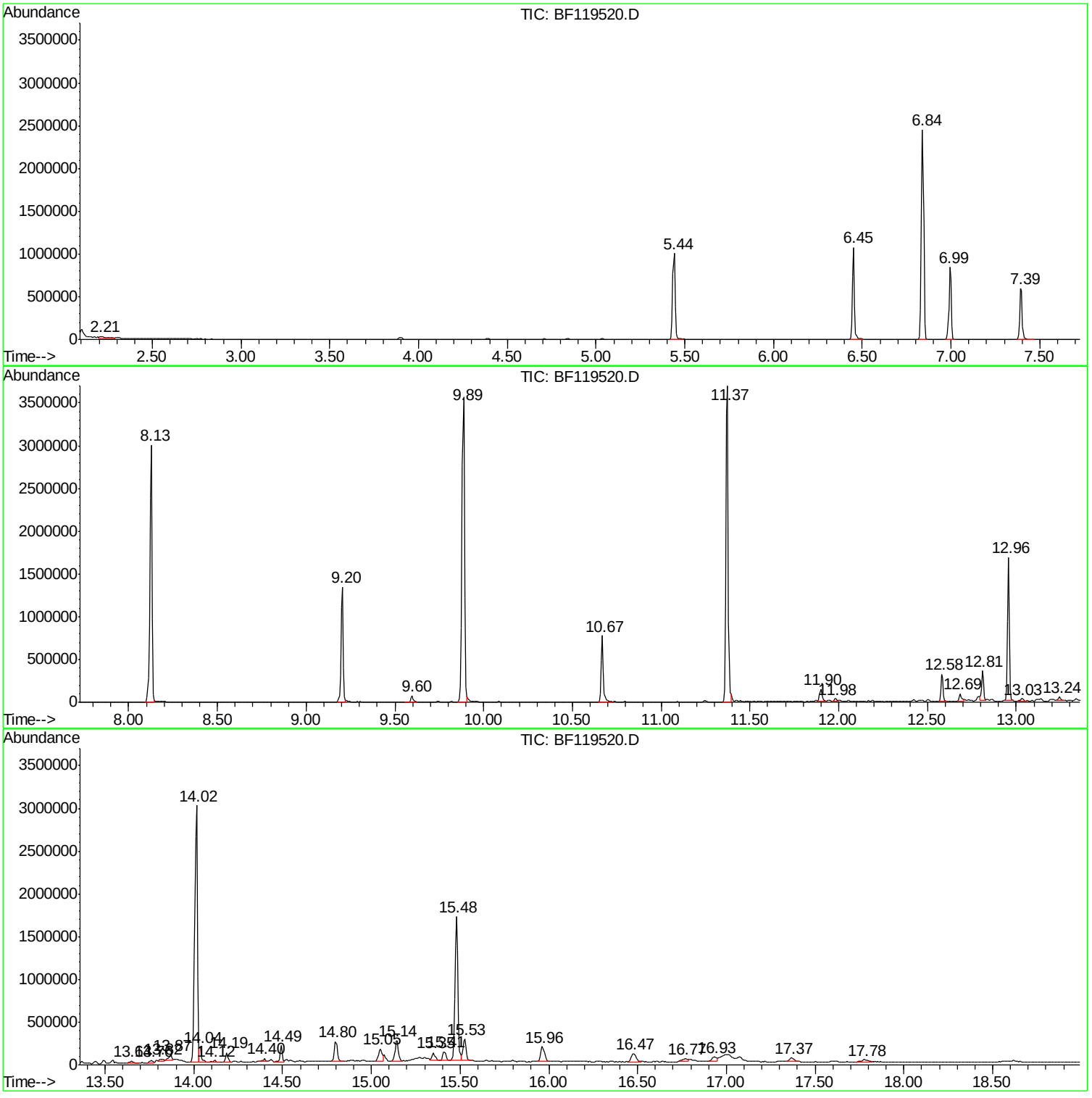
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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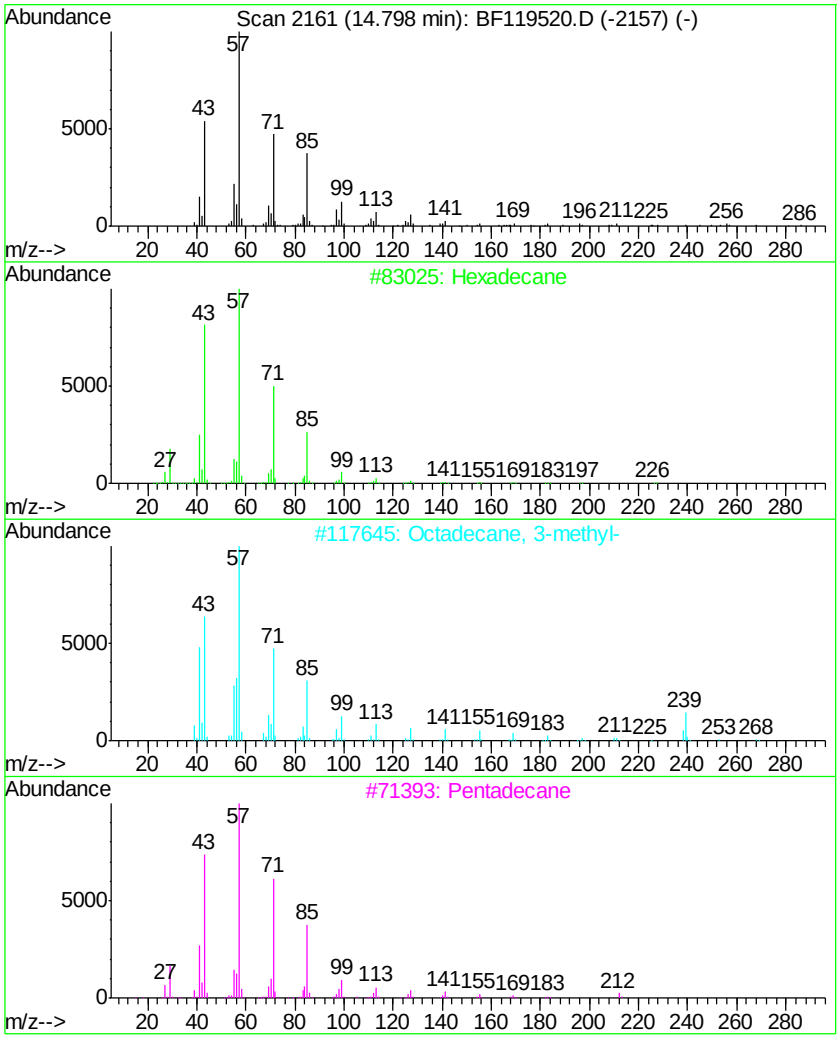
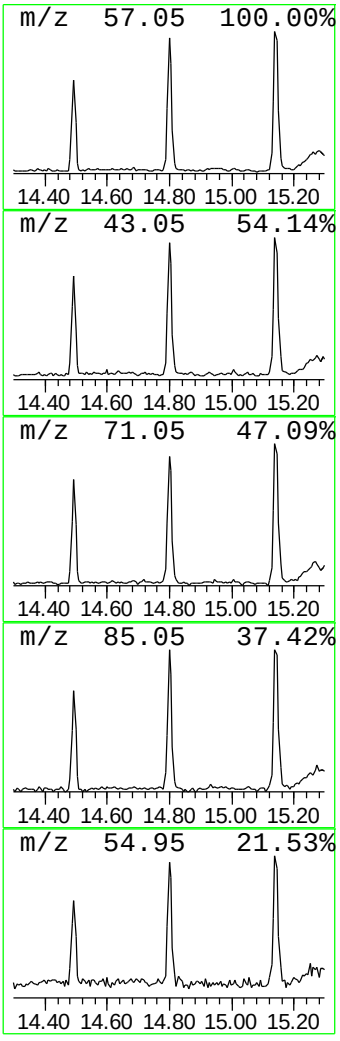
Peak Number 2 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.36 ng	248844	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octadecane, 3-methyl-	268	C19H40	006561-44-0	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Pentacosane	352	C25H52	000629-99-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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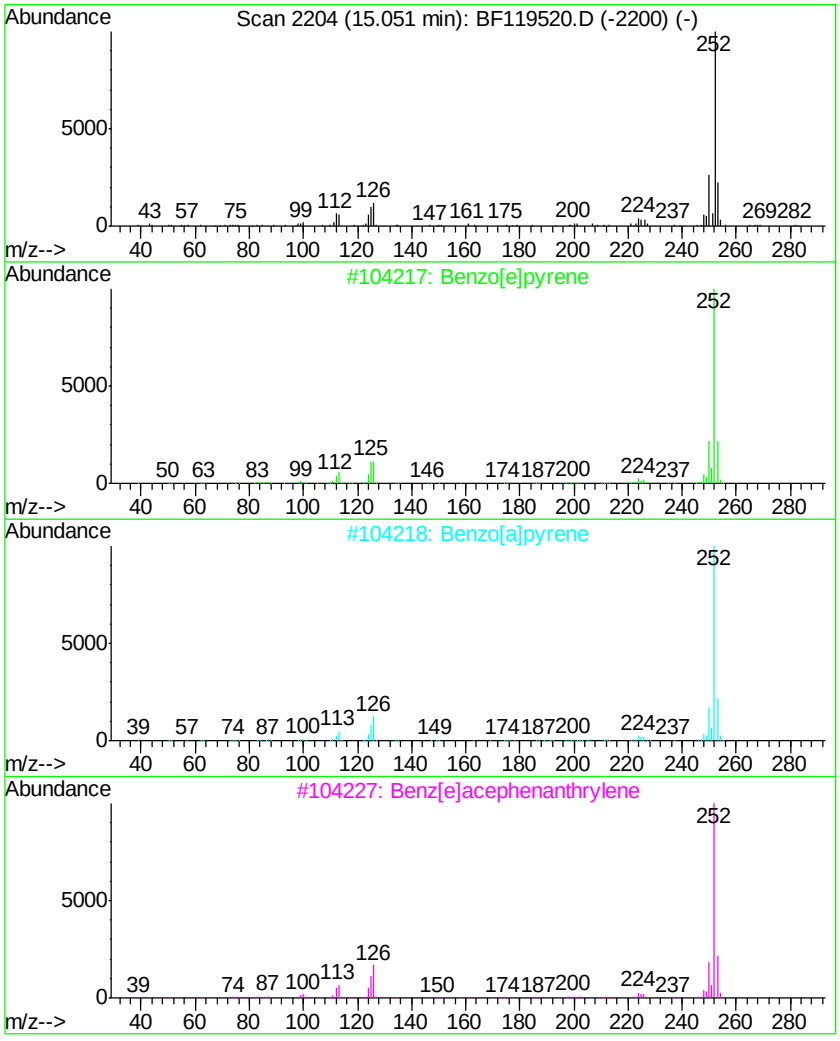
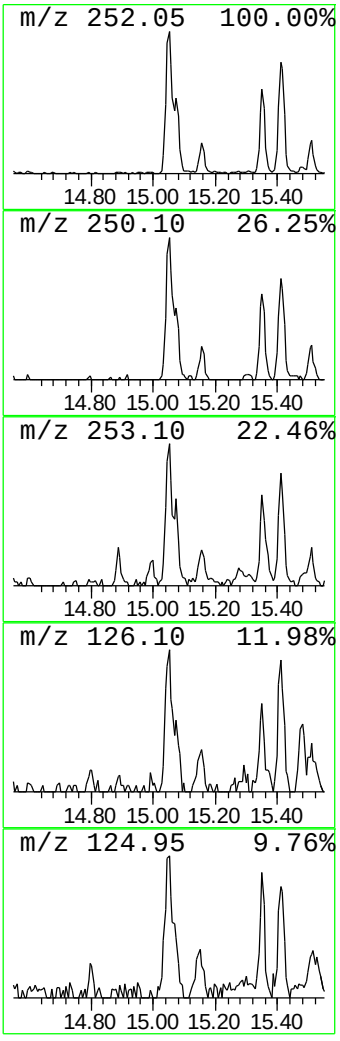
Peak Number 3 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.09 ng	219961	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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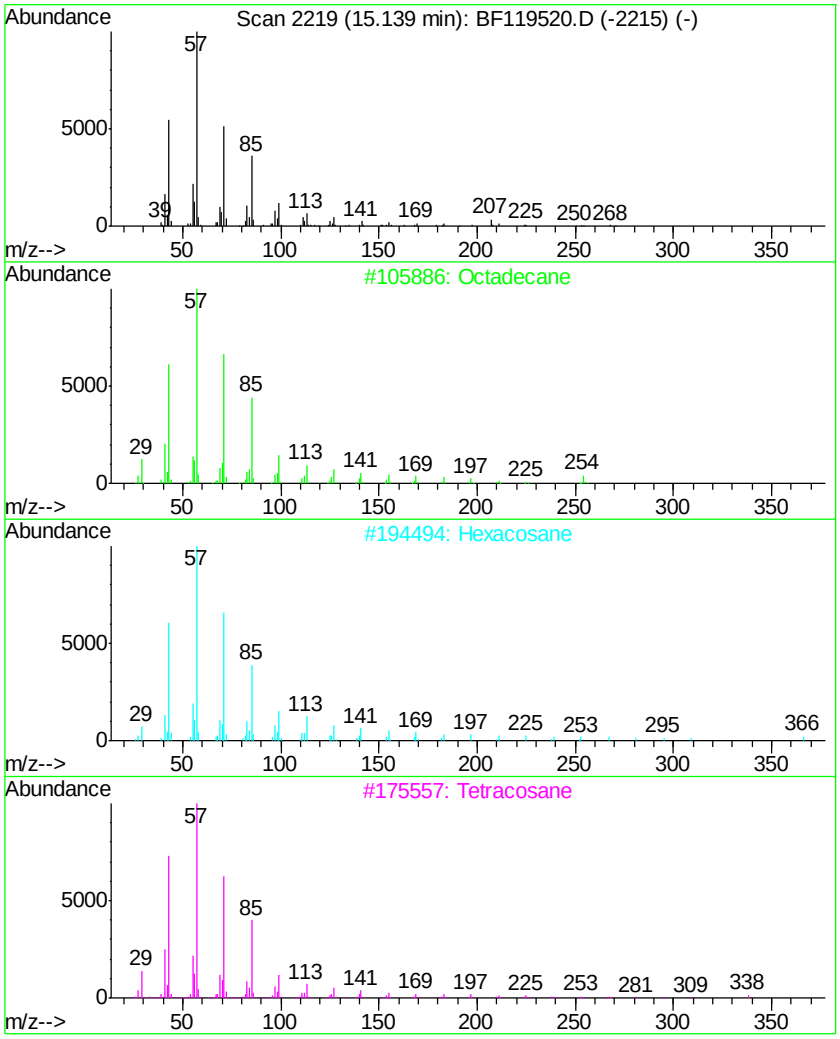
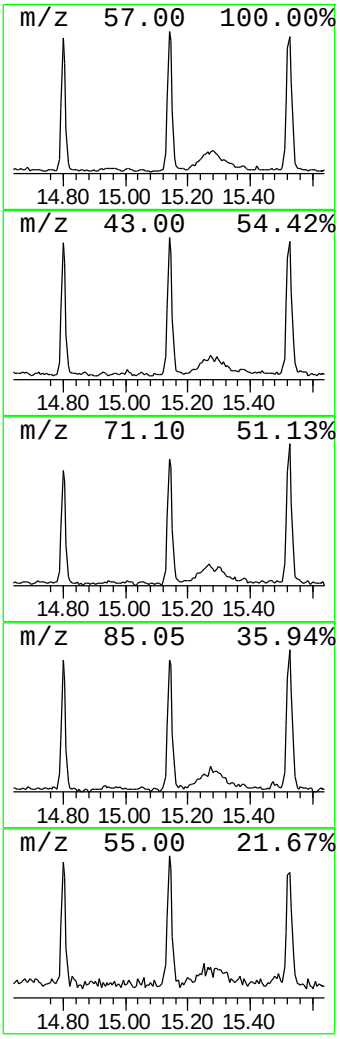
Peak Number 4 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.87 ng	302664	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hentriacontane	437	C31H64	000630-04-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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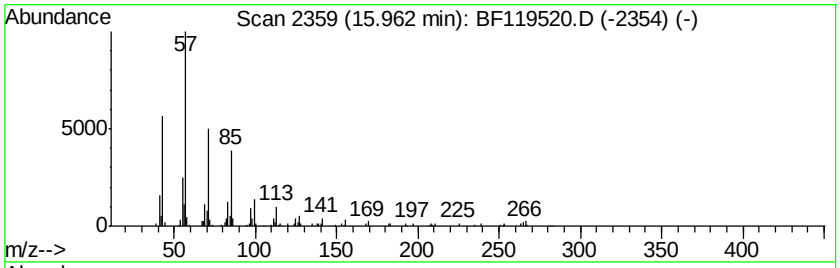
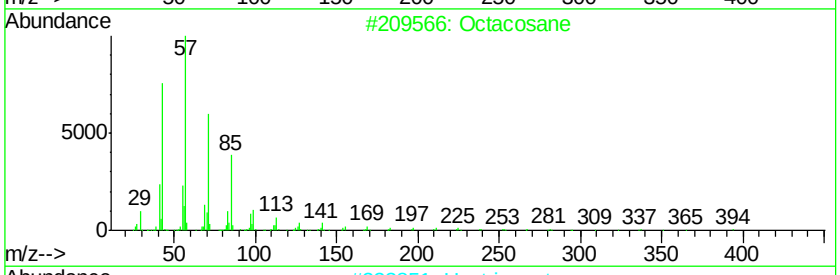
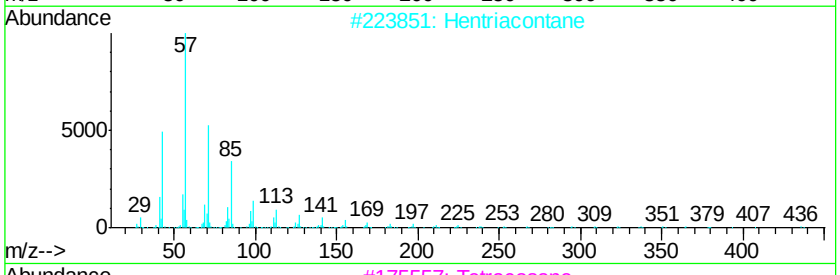
Peak Number 5 Octacosane Concentration Rank 3

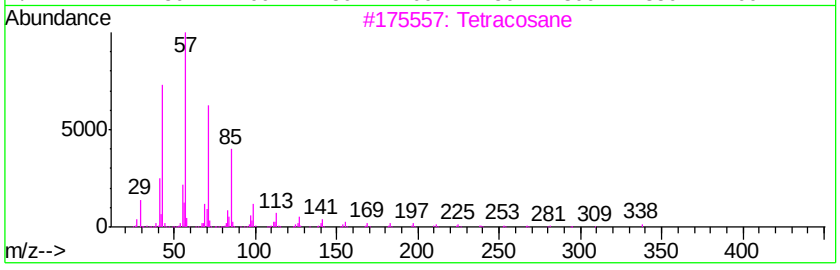
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.46 ng	259023	Perylene-d12	15.48

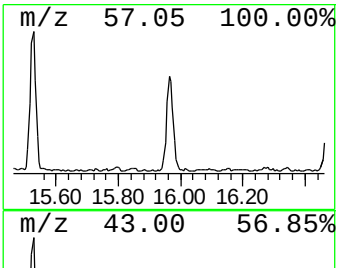
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Docosane	310	C22H46	000629-97-0	87
5	Octadecane	254	C18H38	000593-45-3	87

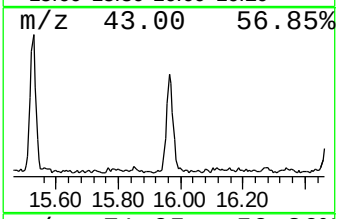


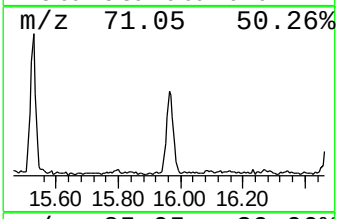


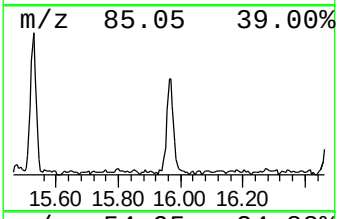


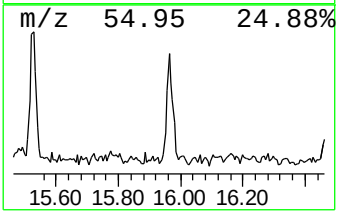












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
Data File : BF119520.D
Acq On : 26 Mar 2020 1:04
Operator : CG/JU
Sample : L1994-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Hexadecane	14.80	2.4	ng	248844	6	15.48	2107250	20.0
Benzo[e]pyrene	15.05	2.1	ng	219961	6	15.48	2107250	20.0
Octadecane	15.14	2.9	ng	302664	6	15.48	2107250	20.0
Octacosane	15.96	2.5	ng	259023	6	15.48	2107250	20.0