LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

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-BF022020.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	4.922	478	482	495	rBV	89775	131317	8.30%	0.676%
2	5.357	553	556	580	rBV	930335	1231167	77.78%	6.338%
3	6.381	727	730	753	rBV	978568	1225533	77.42%	6.309%
4	6.722	785	788	798	rVB	749734	679668	42.94%	3.499%
5	6.881	811	815	824	rBV	1230341	1130458	71.42%	5.819%
6	7.286	881	884	897	rBV	741008	803014	50.73%	4.134%
7	8.004	1003	1006	1016	rBV	966589	871926	55.08%	4.488%
8	9.080	1185	1189	1201	rBV	1768334	1582923	100.00%	8.149%
9	9.480	1254	1257	1266	rBV	77496	78687	4.97%	0.405%
10	9.622	1278	1281	1288	rVB	96803	82423	5.21%	0.424%
11	9.757	1300	1304	1320	rVB	1074977	979248	61.86%	5.041%
12	10.551	1435	1439	1455	rVV	832231	823862	52.05%	4.241%
13	10.686	1458	1462	1469	rVB6	21031	33066	2.09%	0.170%
14	11.245	1553	1557	1560	rBV	932042	842379	53.22%	4.336%
15	11.268	1560	1561	1564	rVV	102731	61138	3.86%	0.315%
16	11.321	1567	1570	1576	rVV	139380	125443	7.92%	0.646%
17	11.486	1593	1598	1603	rBV	57987	68087	4.30%	0.350%
18	11.633	1619	1623	1628	rBV8	11753	17696	1.12%	0.091%
19	11.745	1639	1642	1644	rBV	24411	25016	1.58%	0.129%
20	11.774	1644	1647	1653	rVV2	148676	176863	11.17%	0.910%
21	11.863	1658	1662	1671	rVB4	38840	69932	4.42%	0.360%
22	12.039	1690	1692	1695	rVB	23683	18649	1.18%	0.096%
23	12.086	1697	1700	1708	rVB2	45959	55260	3.49%	0.284%
24	12.292	1733	1735	1738	rBV	24018	26675	1.69%	0.137%
25	12.398	1749	1753	1755	rBV	45018	46050	2.91%	0.237%
26	12.457	1760	1763	1768	rBV	686721	605235	38.24%	3.116%
27	12.527	1772	1775	1777	rBV2	18038	20565	1.30%	0.106%
28	12.557	1777	1780	1786	rVV2	106736	143615	9.07%	0.739%
29	12.610	1786	1789	1791	rVB	47092	40769	2.58%	0.210%
30	12.686	1797	1802	1808	rBV	659407	683691	43.19%	3.519%
31	12.739	1809	1811	1816	rVB3	34546	34449	2.18%	0.177%
32	12.821	1821	1825	1828	rVV	1368288	1191966	75.30%	6.136%
33	12.857	1828	1831	1835	rVB	106006	108568	6.86%	0.559%
34	12.910	1835	1840	1844	rBV2	51311	83052	5.25%	0.428%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.992	1851	1854	1857	rBV4	60210	94413	5.96%	0.486%
36	13.057	1862	1865	1867	rVV	30498	31319	1.98%	0.161%
37	13.121	1871	1876	1883	rVV3	74301	132856	8.39%	0.684%
38	13.215	1889	1892	1894	rVB	47288	38971	2.46%	0.201%
39	13.245	1895	1897	1900	rVV2	39350	31913	2.02%	0.164%
40	13.533	1943	1946	1952	rVB	128493	136957	8.65%	0.705%
41	13.639	1961	1964	1966	rBV2	94720	107708	6.80%	0.554%
42	13.686	1970	1972	1975	rVV	88027	103555	6.54%	0.533%
43	13.721	1975	1978	1980	rVV3	136395	172604	10.90%	0.889%
44	13.745	1980	1982	1987	rVB2	147219	200206	12.65%	1.031%
45	13.886	1999	2006	2009	rBV2	958856	1335797	84.39%	6.876%
46	13.909	2009	2010	2014	rVB	383449	308387	19.48%	1.588%
47	13.992	2022	2024	2027	rBV	53051	40094	2.53%	0.206%
48	14.333	2080	2082	2089	rBV4	66333	107399	6.78%	0.553%
49	14.909	2176	2180	2183	rBV	549528	754387	47.66%	3.883%
50	15.015	2196	2198	2204	rVB	88276	93534	5.91%	0.481%
51	15.198	2226	2229	2233	rVB	260992	289250	18.27%	1.489%
52	15.262	2237	2240	2244	rBV	203061	230978	14.59%	1.189%
53	15.315	2245	2249	2253	rVV	474750	584413	36.92%	3.008%
54	16.733	2483	2490	2499	rVB3	132629	381559	24.10%	1.964%
55	17.168	2559	2564	2571	rVB	72630	151114	9.55%	0.778%

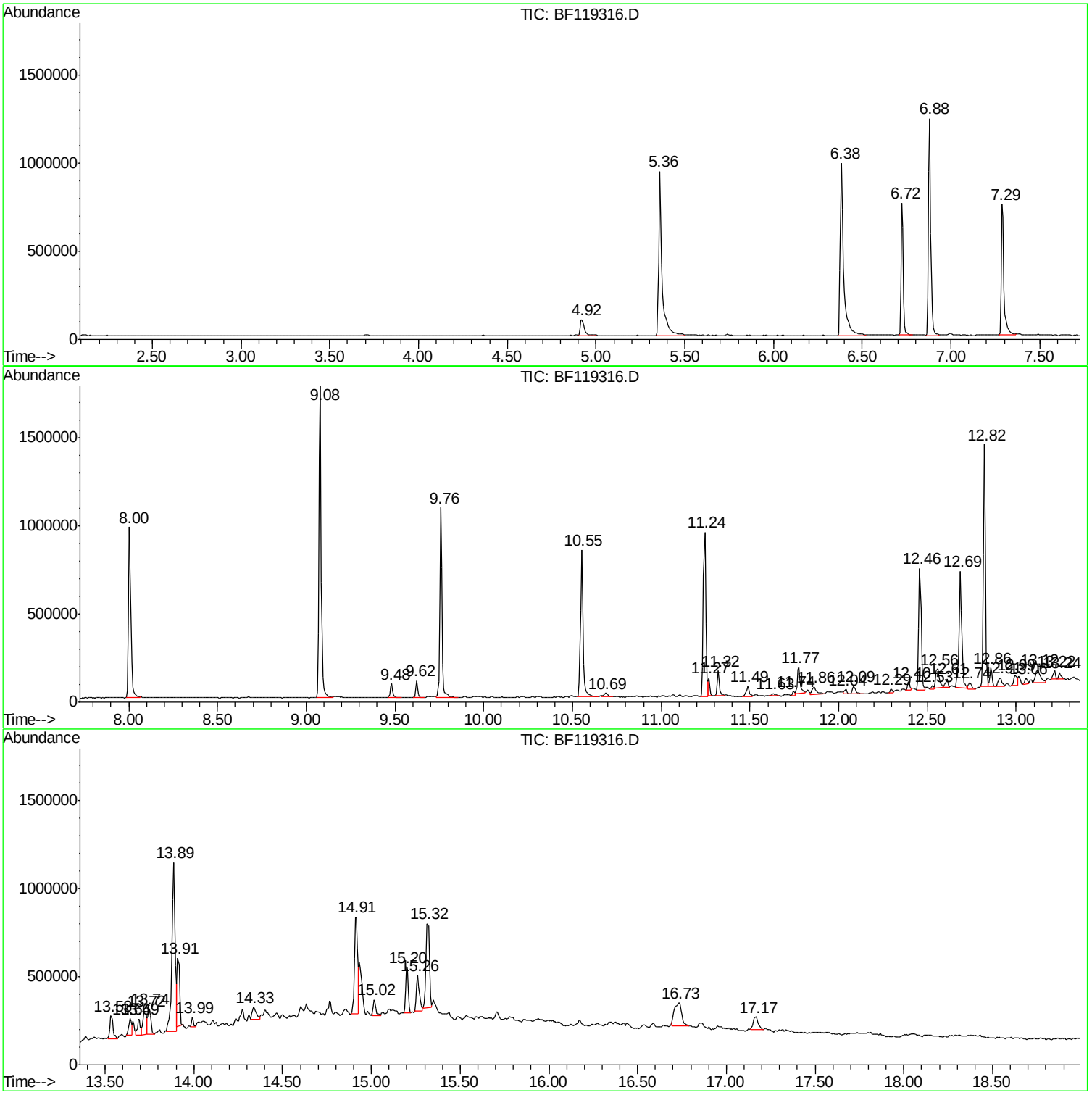
Sum of corrected areas: 19425804

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

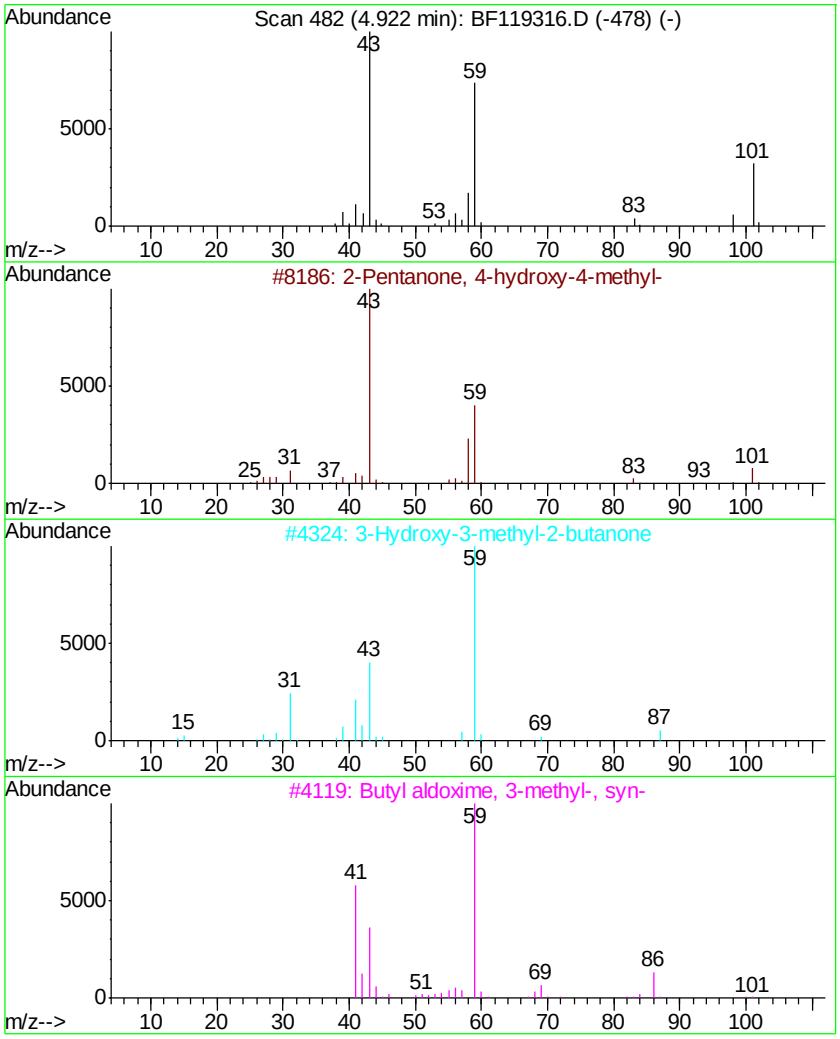
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

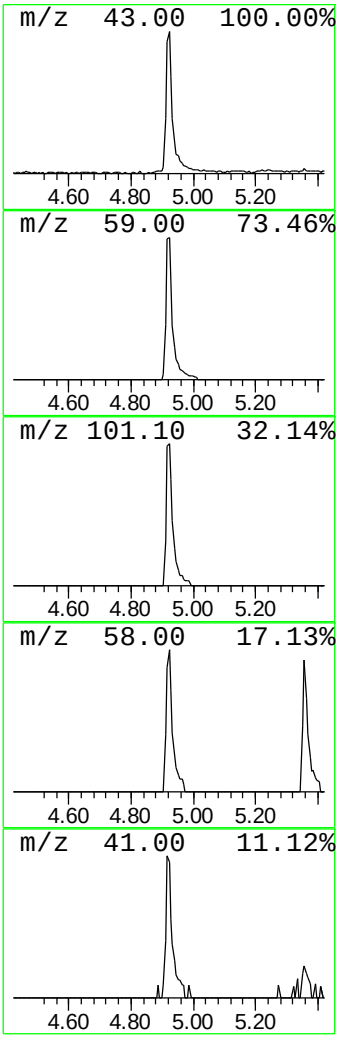
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.86 ng	131317	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	37
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

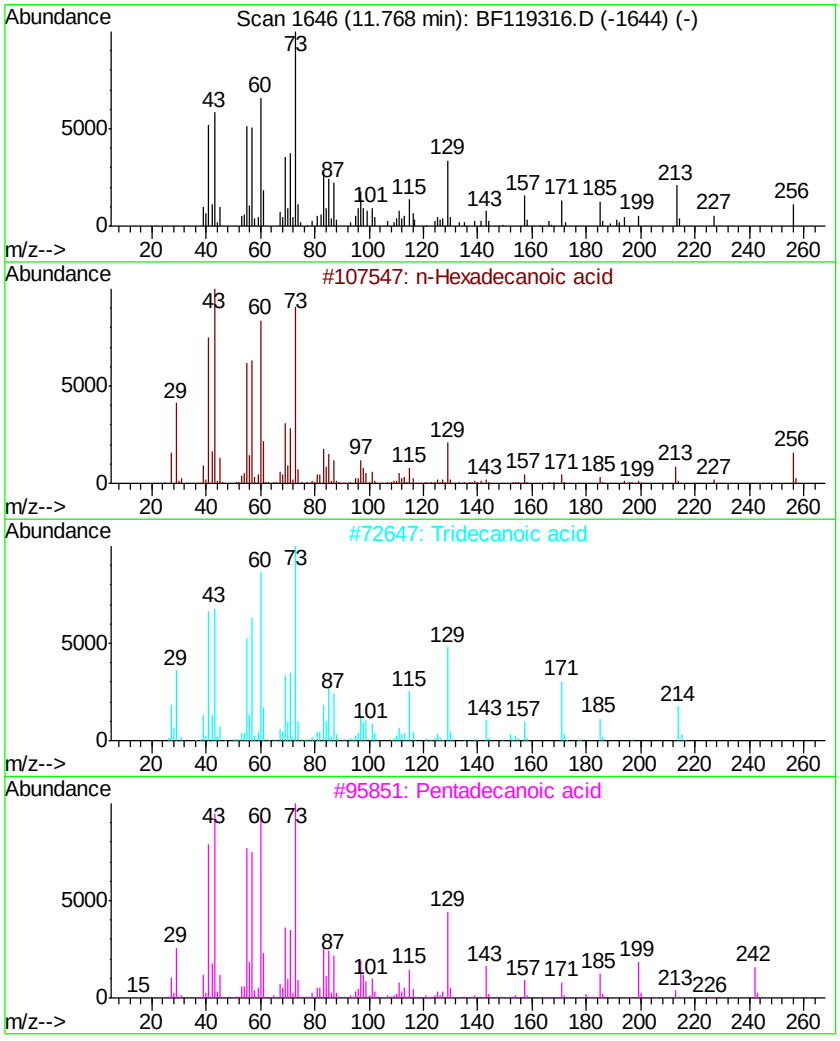
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

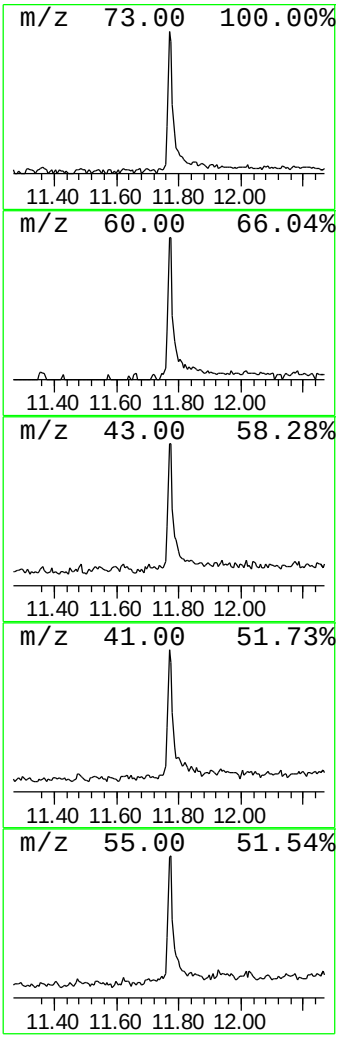
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.20 ng	176863	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

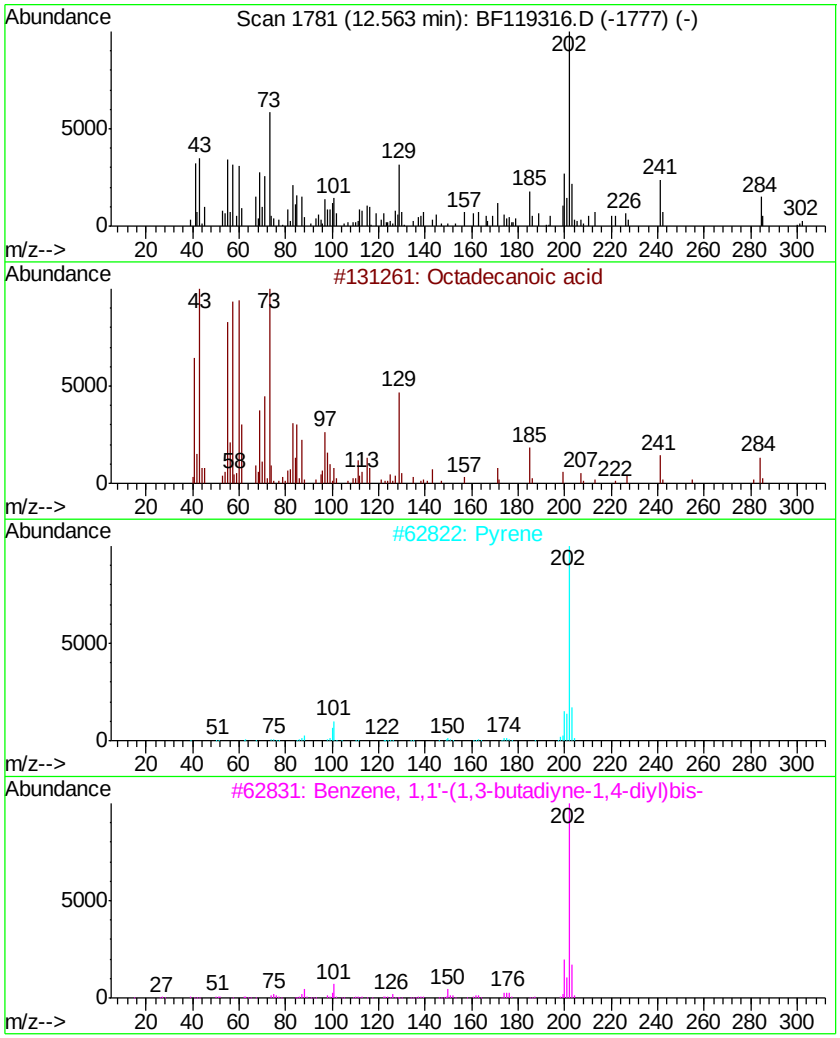
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

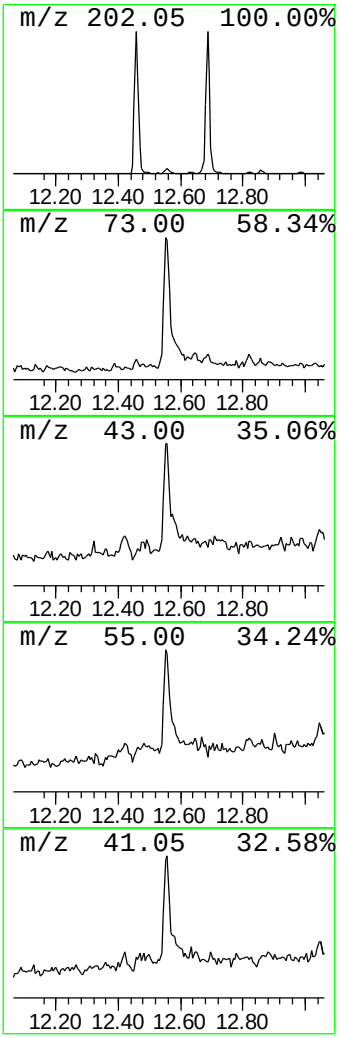
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.41 ng	143615	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	76
2	Pyrene	202	C16H10	000129-00-0	38
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	38
4	2-Naphthoic acid, 6-methoxy-	202	C12H10O3	002471-70-7	38
5	5-Methyl-1-phenylpyrazole-4-carb...	202	C11H10N2O2	091138-00-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

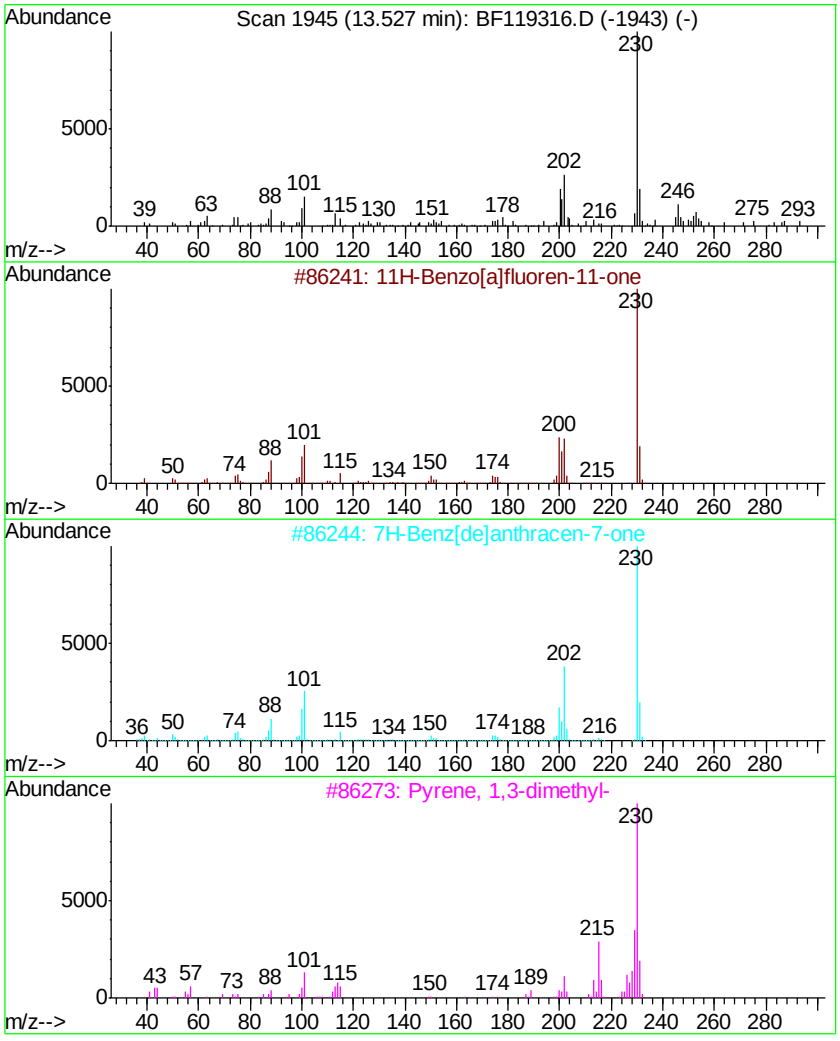
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

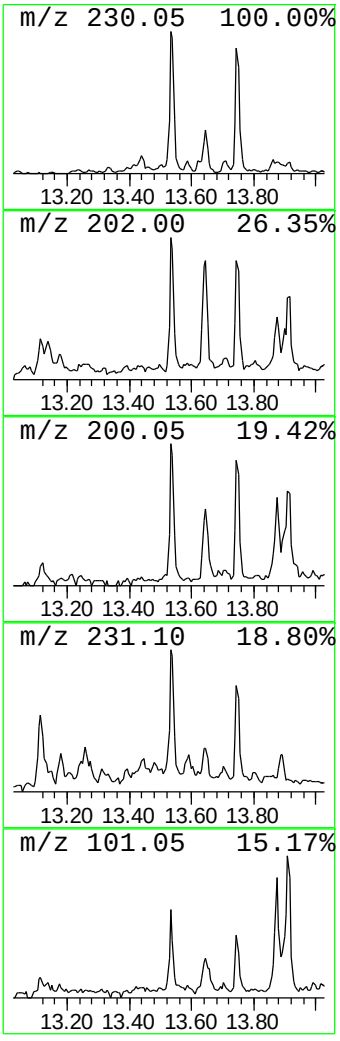
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.05 ng	136957	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

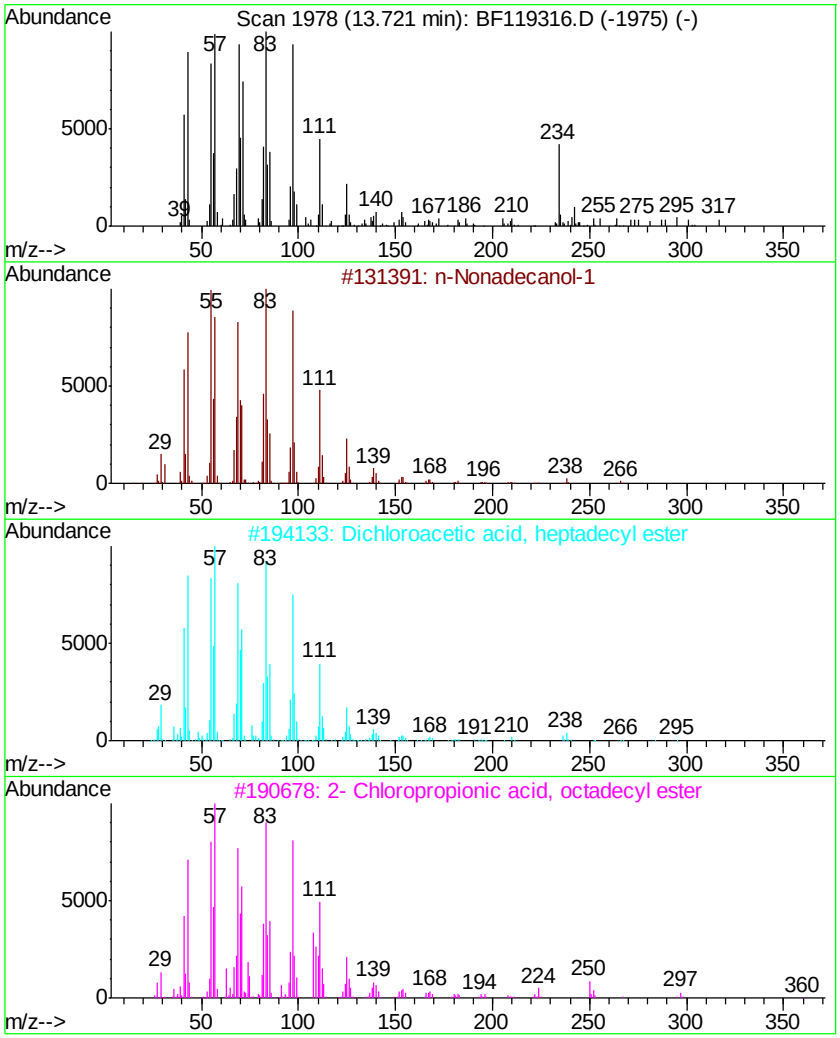
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

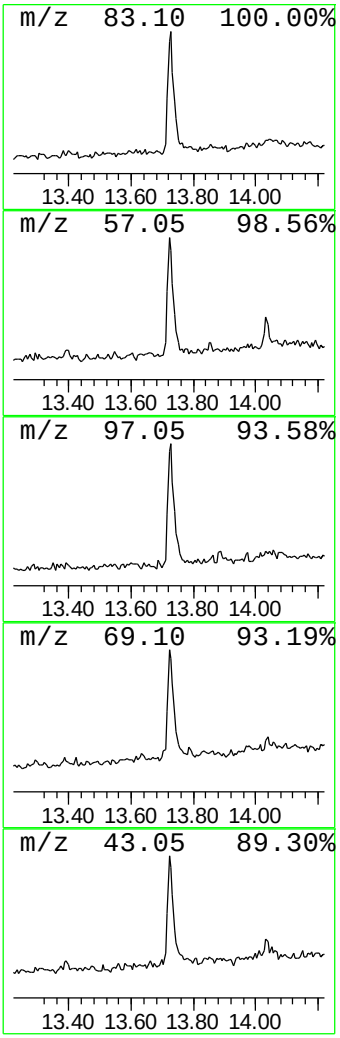
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.58 ng	172604	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4	1-Docosene	308	C22H44	001599-67-3	83
5	1-Heptacosanol	396	C27H56O	002004-39-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

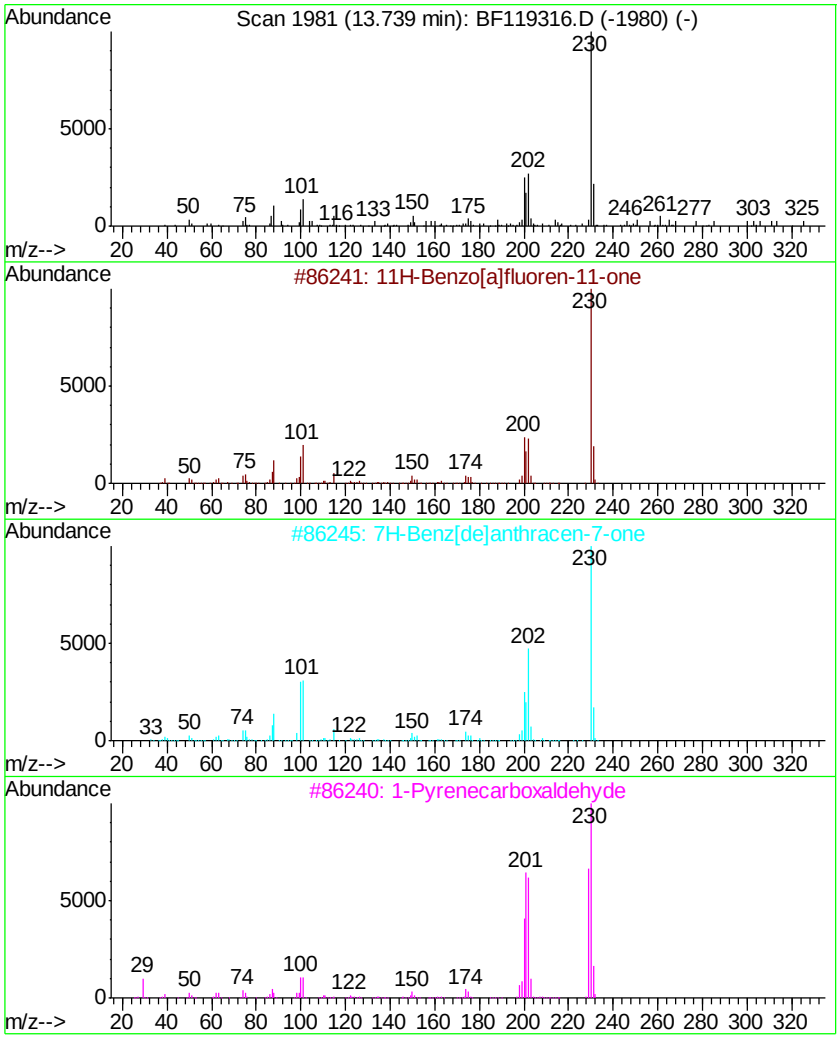
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

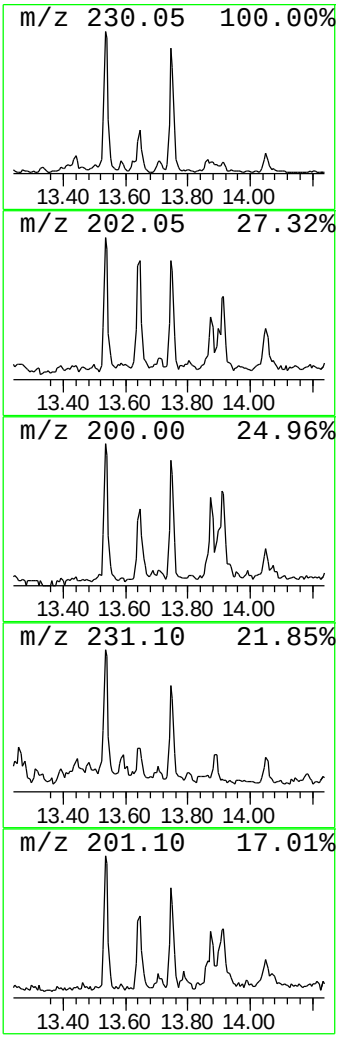
****

Peak Number 7 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.00 ng	200206	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

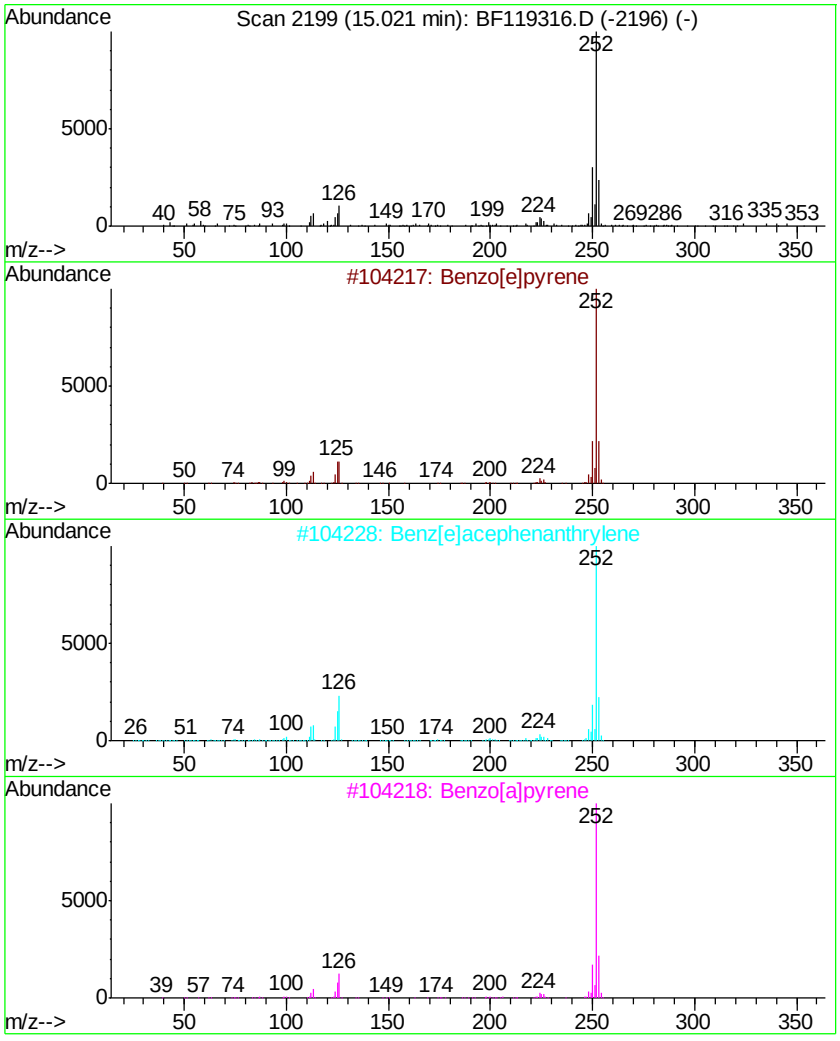
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

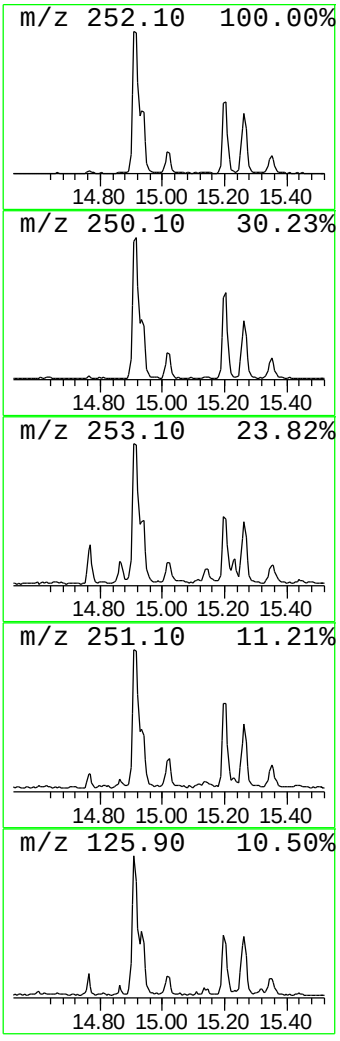
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.20 ng	93534	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2-Pentanone, 4-hy...	4.92	3.9	ng	131317	1	6.72	679668	20.0
n-Hexadecanoic acid	11.77	4.2	ng	176863	4	11.24	842379	20.0
Octadecanoic acid	12.56	3.4	ng	143615	4	11.24	842379	20.0
11H-Benzo[a]fluor...	13.53	2.0	ng	136957	5	13.89	1335800	20.0
n-Nonadecanol-1	13.72	2.6	ng	172604	5	13.89	1335800	20.0
7H-Benz[de]anthra...	13.74	3.0	ng	200206	5	13.89	1335800	20.0
Benzo[e]pyrene	15.02	3.2	ng	93534	6	15.32	584413	20.0