LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107584.D
Acq On : 23 Jul 2018 13:31
Operator : JU/SJ
Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

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-BF072018.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	5.207	484	488	498	rBV	618158	719701	13.10%	1.278%
2	5.607	552	556	582	rBV	3585615	4547751	82.78%	8.075%
3	6.607	721	726	745	rBV	3438525	4705584	85.65%	8.355%
4	6.748	745	750	756	rVV	4114016	4640564	84.47%	8.239%
5	6.801	756	759	773	rVB	180798	414412	7.54%	0.736%
6	6.972	785	788	806	rVB	1628061	1743099	31.73%	3.095%
7	7.131	811	815	830	rBV	3498177	3781379	68.83%	6.714%
8	7.536	879	884	909	rBV	2562406	3124830	56.88%	5.548%
9	8.254	1002	1006	1026	rBV	2108749	2329597	42.40%	4.136%
10	9.330	1184	1189	1199	rBV	5609807	5493840	100.00%	9.754%
11	9.436	1203	1207	1217	rVB	419661	423636	7.71%	0.752%
12	9.719	1252	1255	1263	rBV	325121	327024	5.95%	0.581%
13	10.019	1302	1306	1319	rBV	2337987	2397684	43.64%	4.257%
14	10.424	1368	1375	1381	rBV4	62851	93656	1.70%	0.166%
15	10.577	1396	1401	1405	rBV2	98674	102743	1.87%	0.182%
16	10.807	1436	1440	1454	rBV	3055342	3456763	62.92%	6.138%
17	10.901	1454	1456	1467	rVB4	48339	108423	1.97%	0.193%
18	11.513	1556	1560	1562	rBV	2133449	2224880	40.50%	3.950%
19	11.530	1562	1563	1568	rVB	398336	374402	6.81%	0.665%
20	12.013	1642	1645	1648	rBV2	231514	265225	4.83%	0.471%
21	12.054	1648	1652	1656	rVB2	127972	220837	4.02%	0.392%
22	12.124	1661	1664	1666	rBV2	100623	113309	2.06%	0.201%
23	12.307	1692	1695	1697	rBV	53294	57845	1.05%	0.103%
24	12.336	1697	1700	1707	rVB2	61168	75313	1.37%	0.134%
25	12.560	1735	1738	1742	rBV2	67303	91476	1.67%	0.162%
26	12.654	1751	1754	1761	rVB2	50515	75167	1.37%	0.133%
27	12.724	1763	1766	1771	rBV	682691	710333	12.93%	1.261%
28	12.960	1800	1806	1812	rBV	617908	752743	13.70%	1.337%
29	13.095	1825	1829	1838	rVB	4460566	4156827	75.66%	7.381%
30	13.171	1839	1842	1846	rVB2	50085	77562	1.41%	0.138%
31	13.283	1855	1861	1864	rBV	98400	148601	2.70%	0.264%
32	13.389	1876	1879	1882	rVB2	67421	72041	1.31%	0.128%
33	13.518	1898	1901	1906	rBV3	41721	58141	1.06%	0.103%
34	13.795	1946	1948	1952	rVB	69590	69573	1.27%	0.124%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.971	1974	1978	1981	rBV3	188739	239036	4.35%	0.424%
36	14.001	1981	1983	1988	rVB	79830	87343	1.59%	0.155%
37	14.112	2000	2002	2005	rBV	97576	94748	1.72%	0.168%
38	14.159	2005	2010	2013	rVV2	1878882	2112205	38.45%	3.750%
39	14.183	2013	2014	2020	rVB	376990	297182	5.41%	0.528%
40	14.289	2024	2032	2044	rVB10	386704	1405219	25.58%	2.495%
41	15.236	2188	2193	2196	rBV	336435	576001	10.48%	1.023%
42	15.559	2244	2248	2255	rVB	208448	285375	5.19%	0.507%
43	15.624	2255	2259	2264	rBV	265128	383991	6.99%	0.682%
44	15.695	2265	2271	2283	rVB	1366487	2136363	38.89%	3.793%
45	16.148	2344	2348	2354	rVB	199188	305573	5.56%	0.543%
46	16.689	2436	2440	2445	rVB2	119539	203313	3.70%	0.361%
47	17.259	2533	2537	2544	rBV2	120362	240198	4.37%	0.426%

Sum of corrected areas: 56321508

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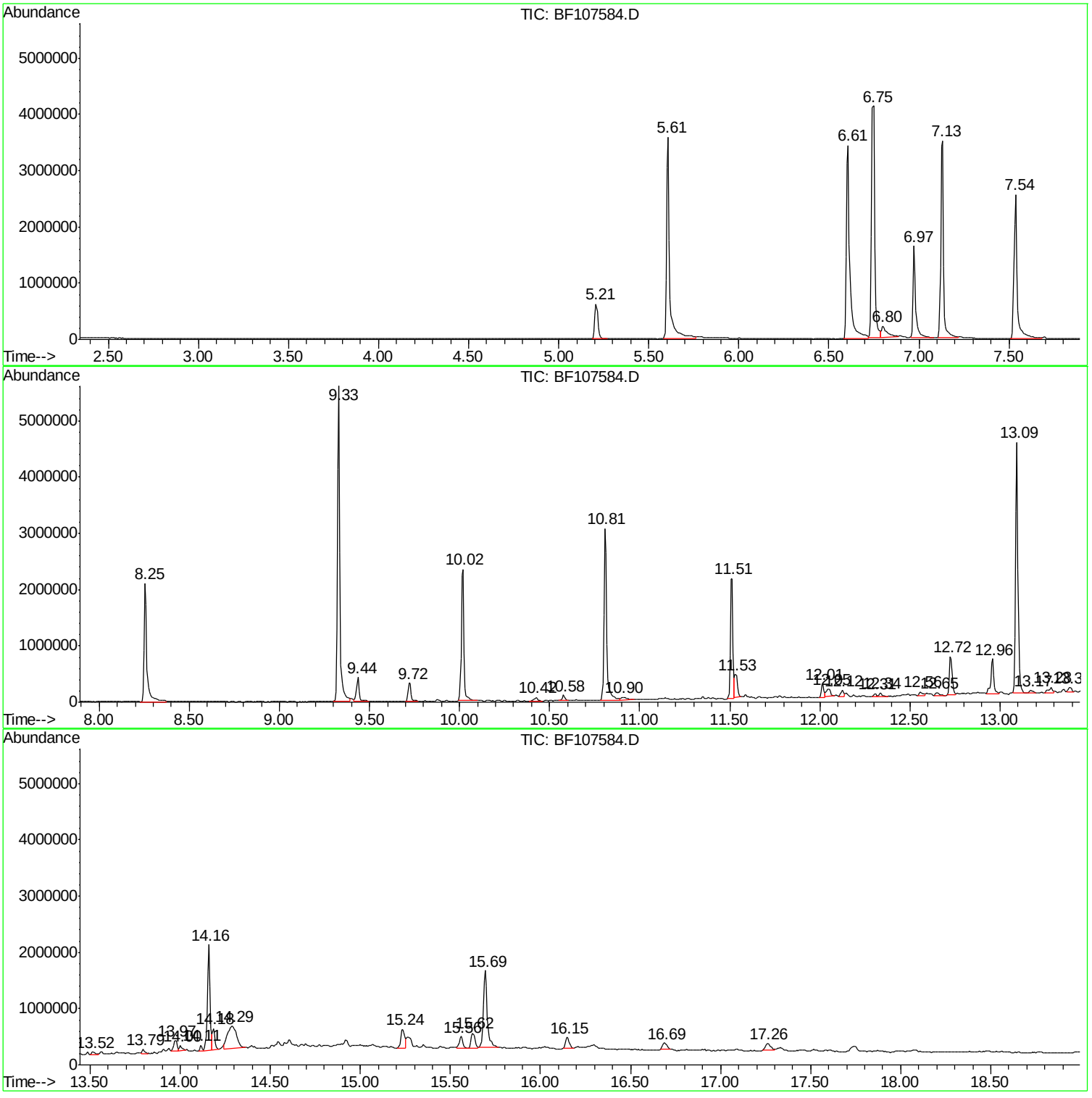
BNA_F
ClientSampleId :
RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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

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Operator : JU/SJ
Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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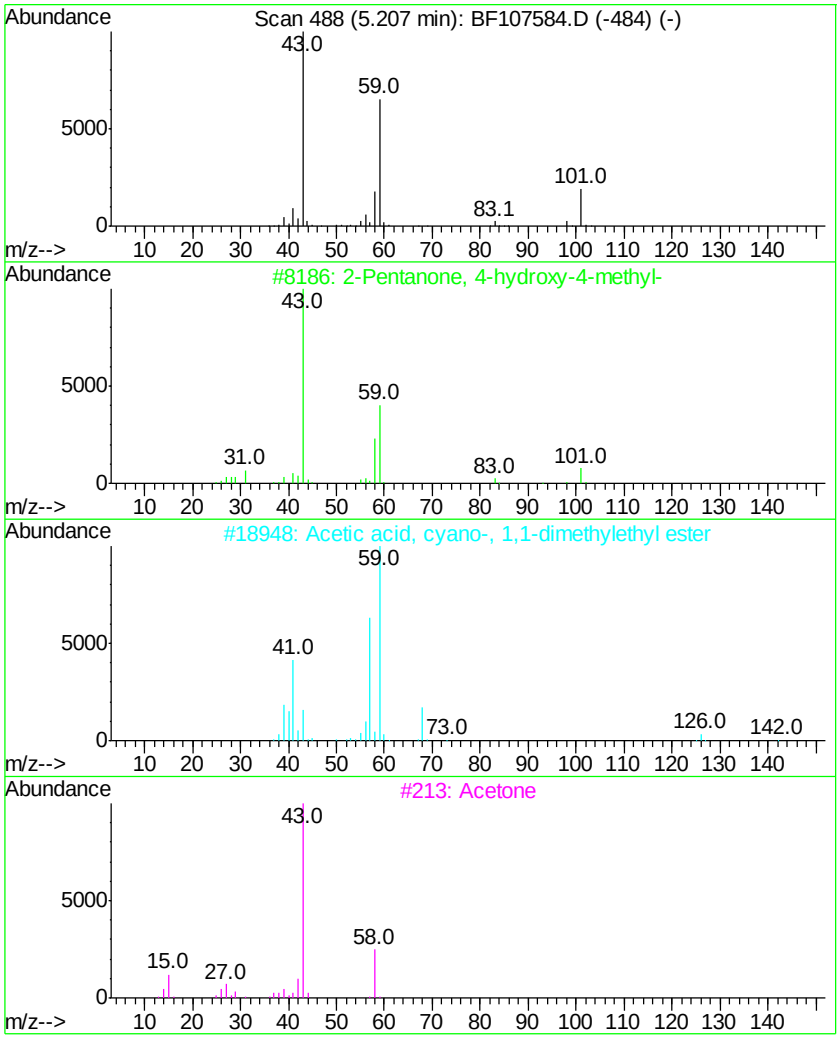
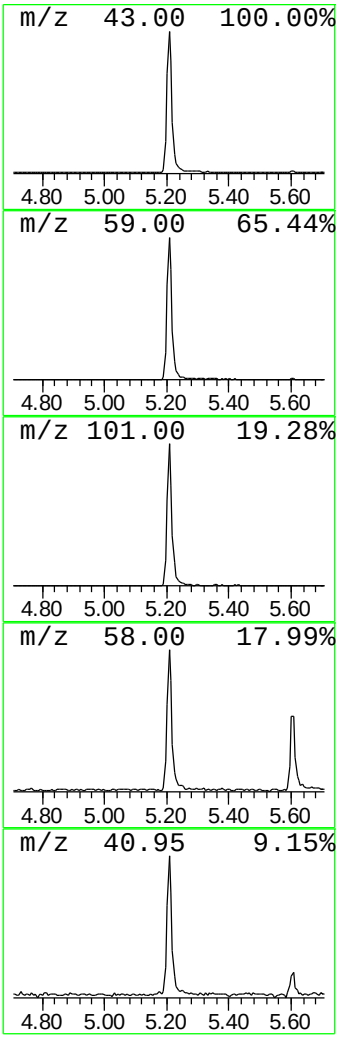
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	8.26 ng	719701	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Misc :
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Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

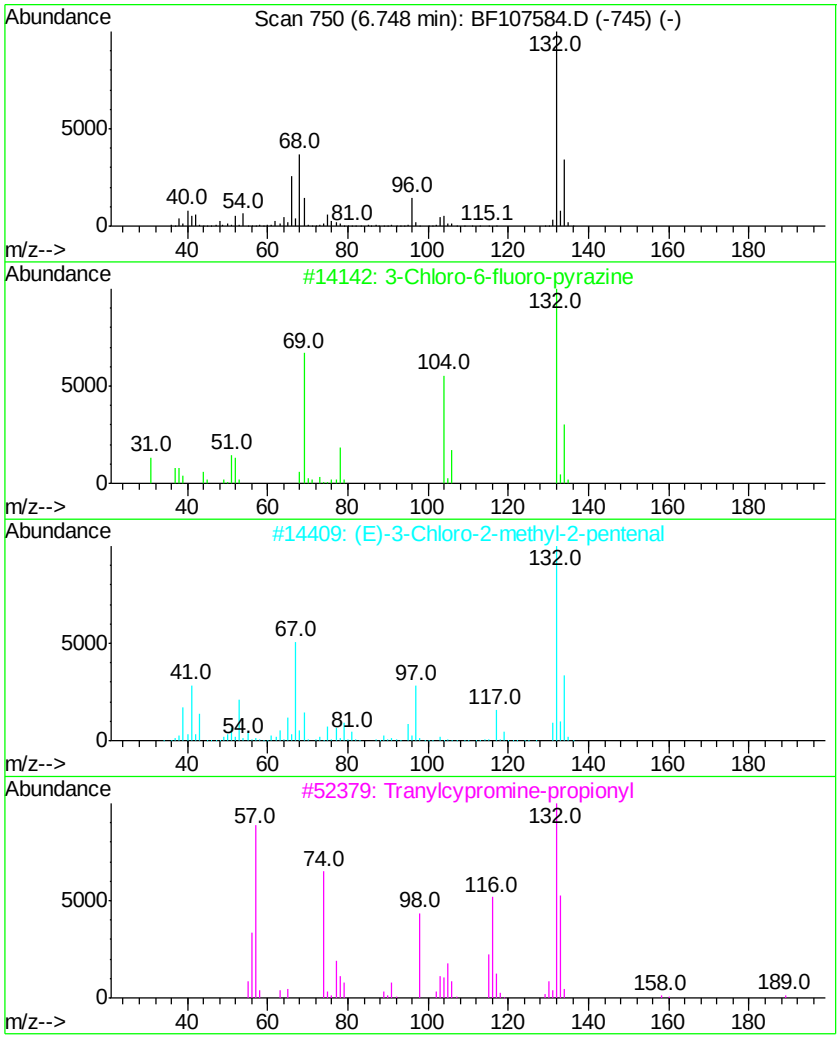
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

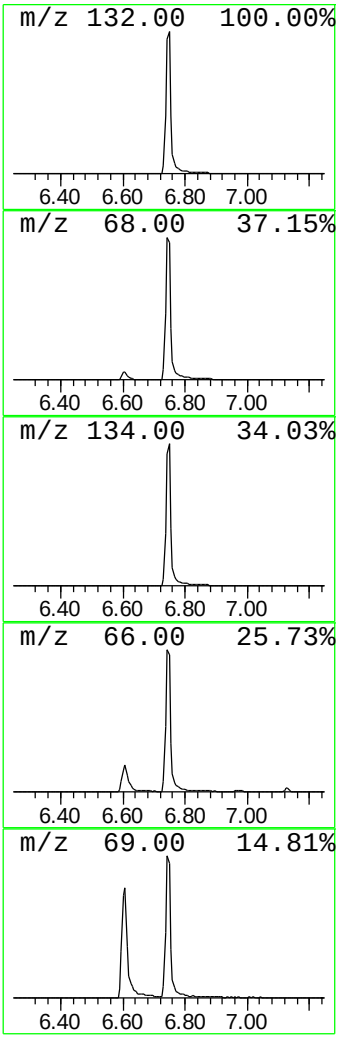
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	53.25 ng	4640560	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

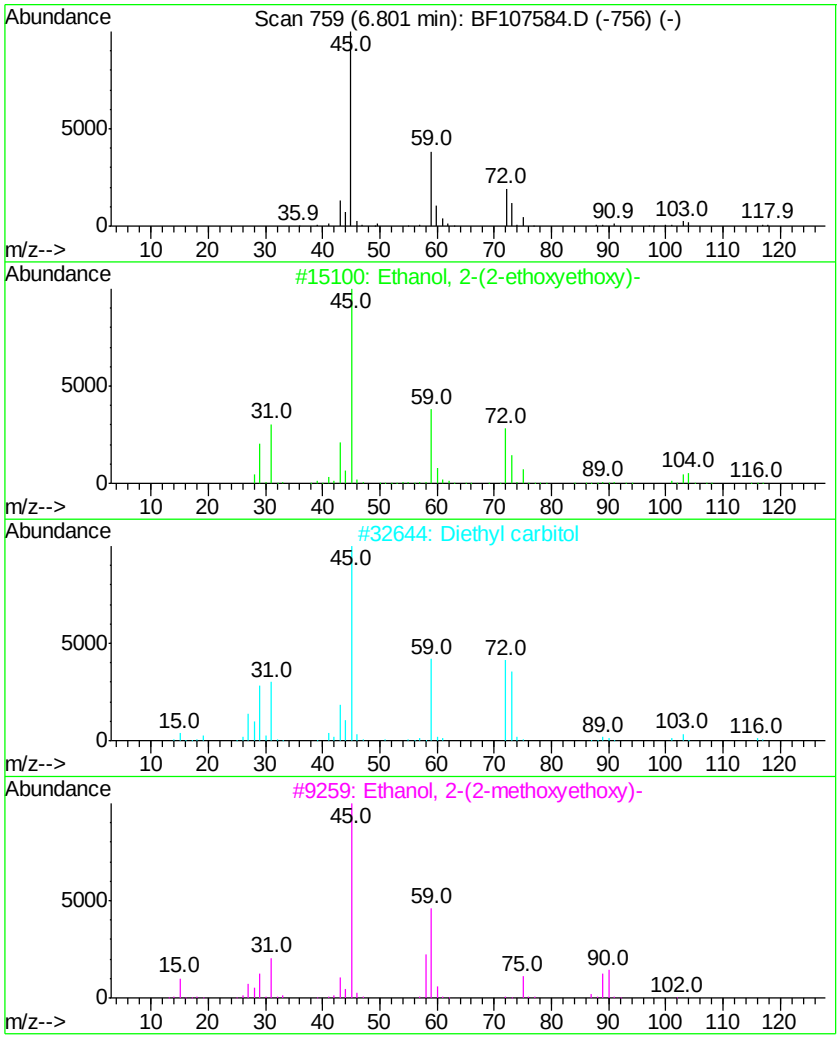
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

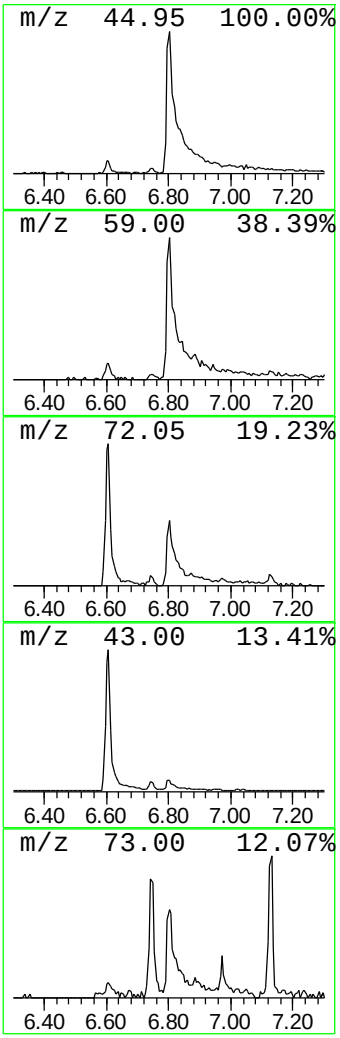
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	4.75 ng	414412	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
4	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	39
5	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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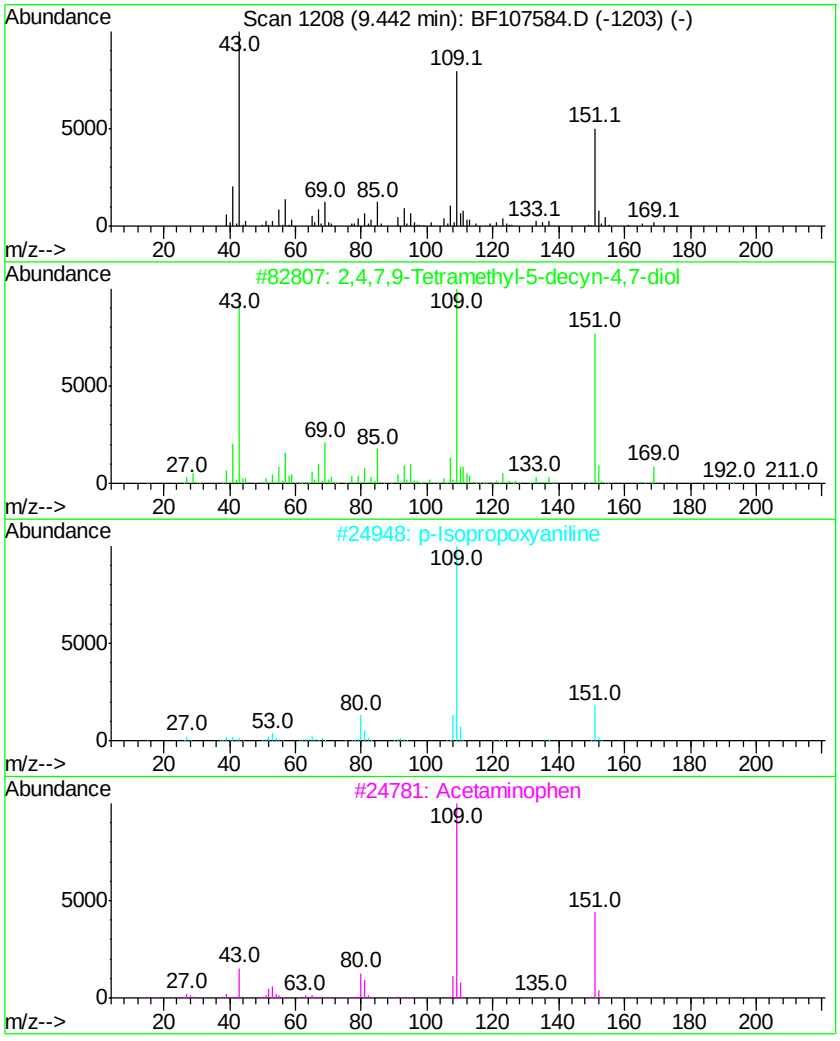
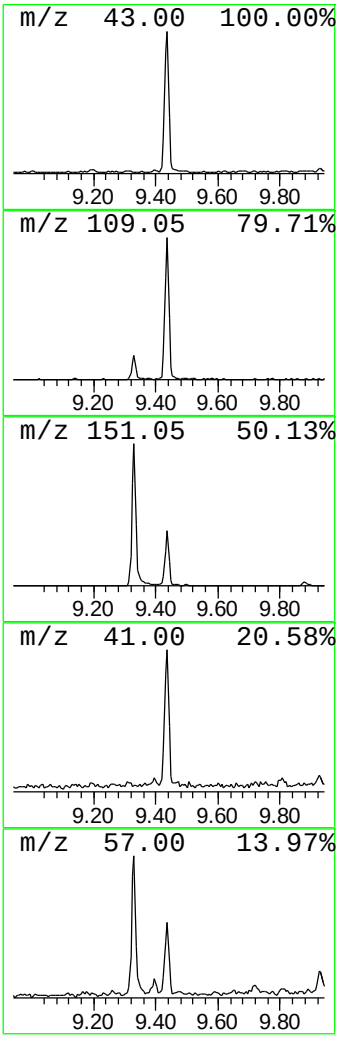
Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.53 ng	423636	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	53
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





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TIC Library : C:\DATABASE\NIST11.L
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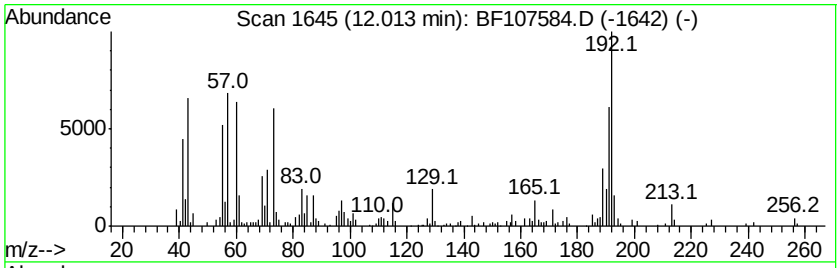
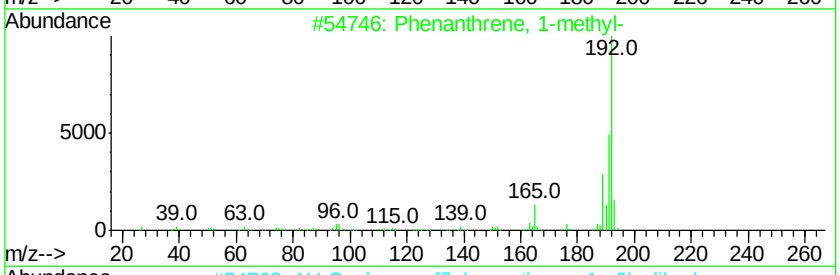
****

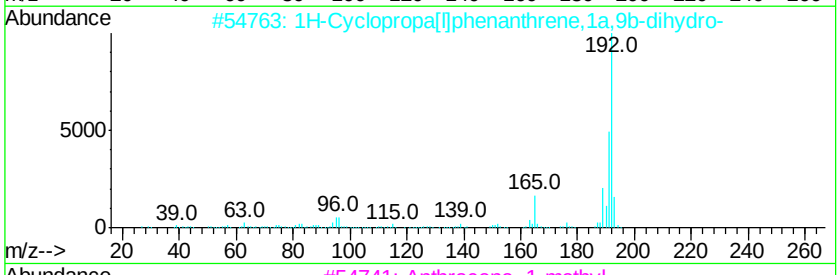
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

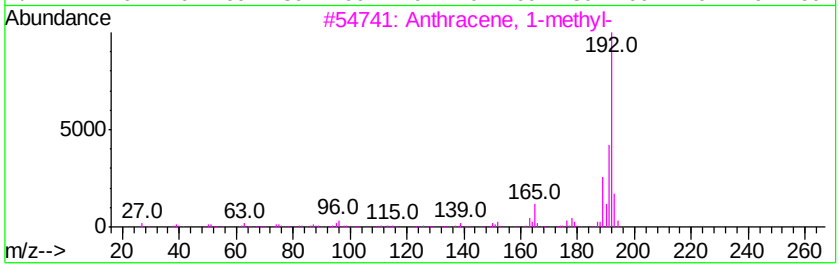
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.38 ng	265225	Phenanthrene-d10	11.51

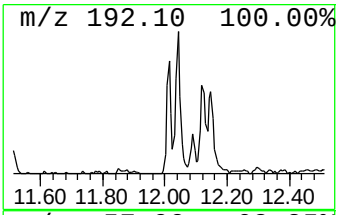
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92

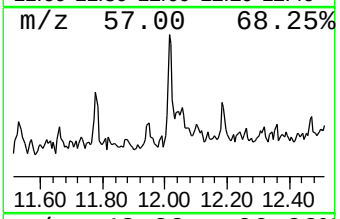


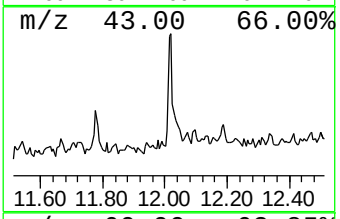


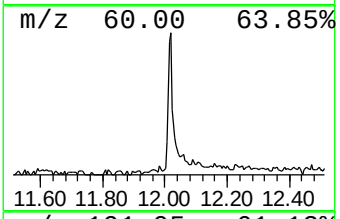


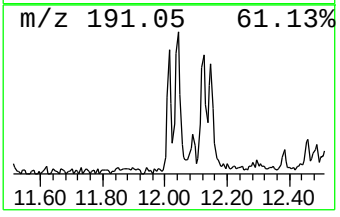












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Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

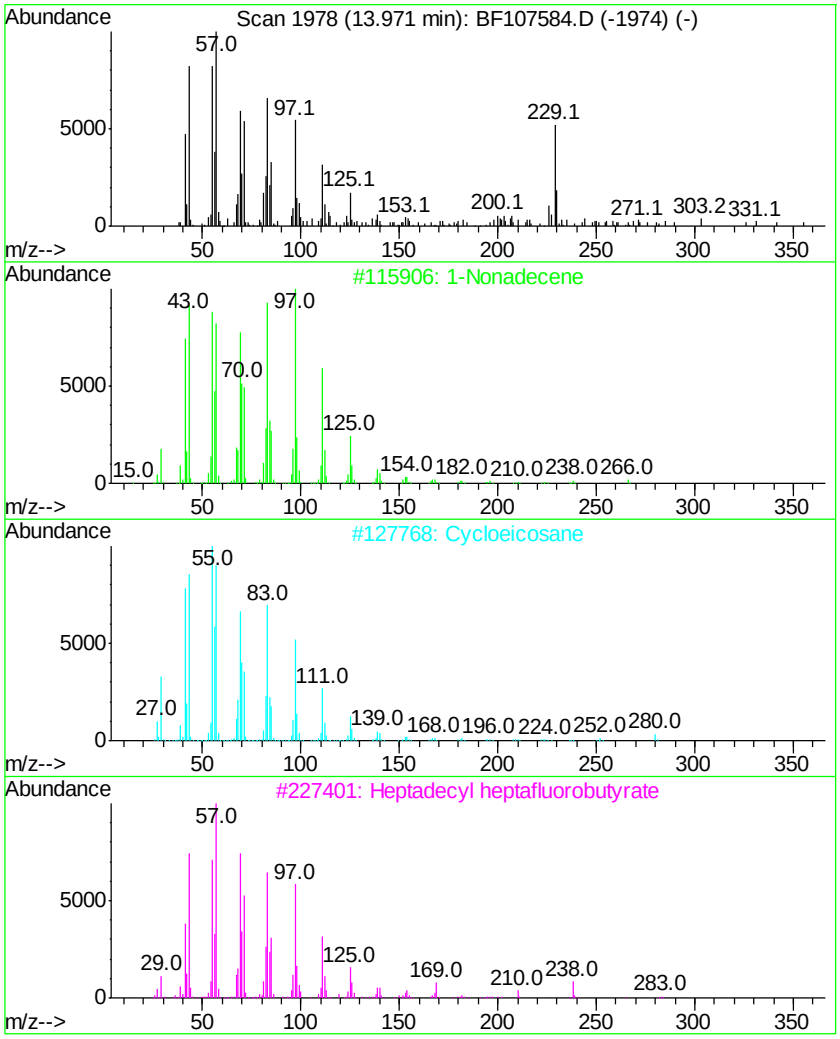
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

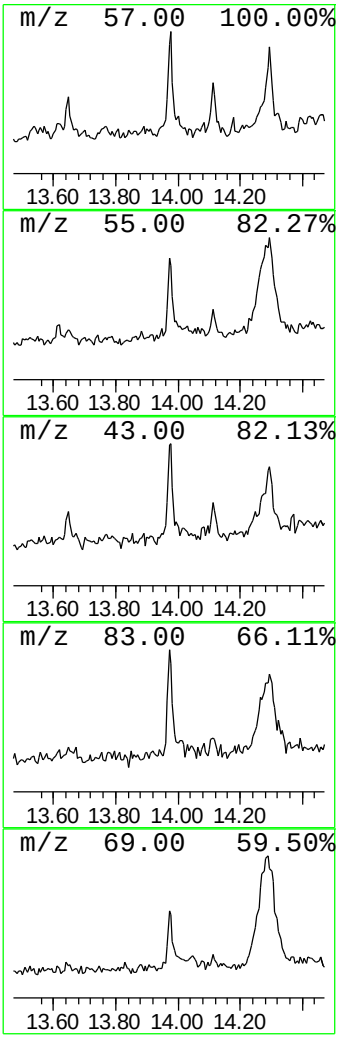
****

Peak Number 7 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.26 ng	239036	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	Cycloeicosane	280	C20H40	000296-56-0	86
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
4	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	74
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	74





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TIC Library : C:\DATABASE\NIST11.L
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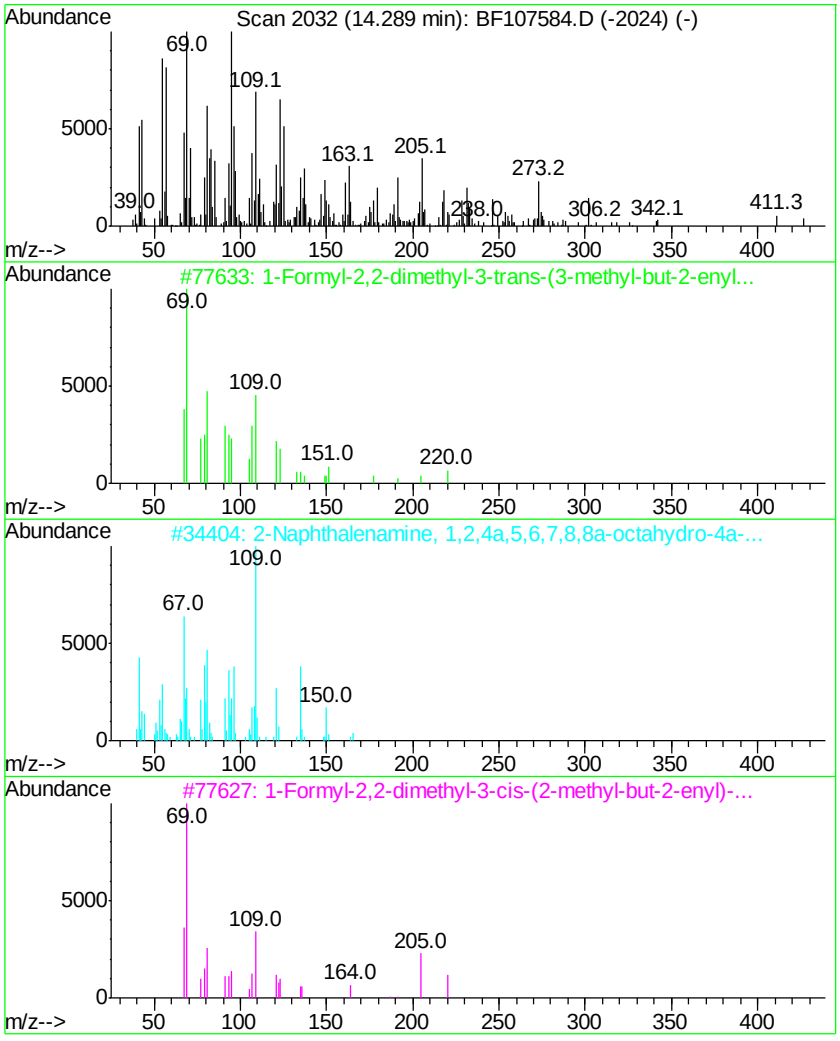
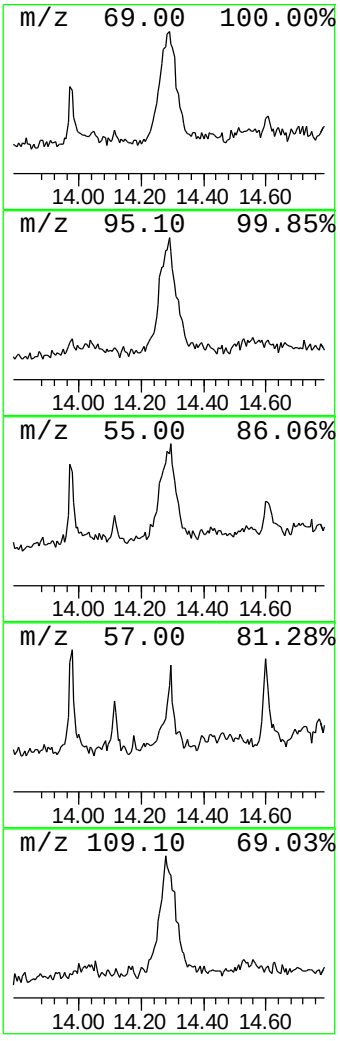
****

Peak Number 8 unknown14.29 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	13.31 ng	1405220	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	42
2	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	41
3	1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	38
4	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	38
5	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	30





Library Search Compound Report

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Data File : BF107584.D
Acq On : 23 Jul 2018 13:31
Operator : JU/SJ
Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

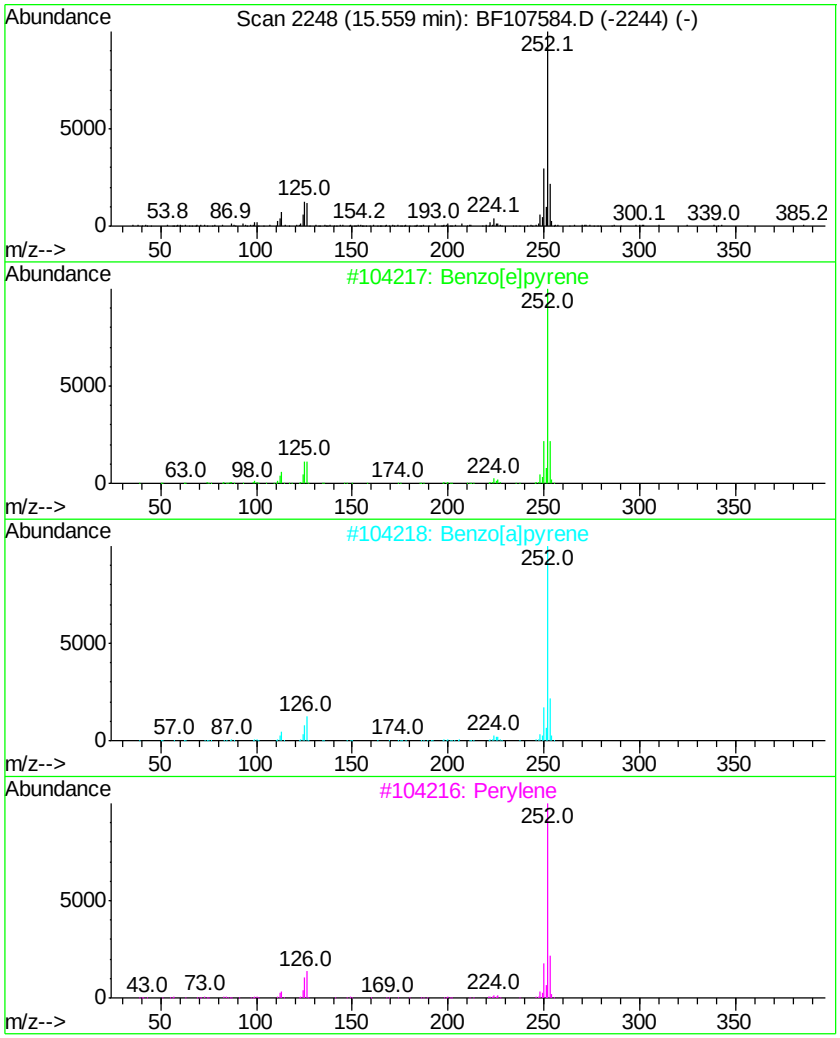
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

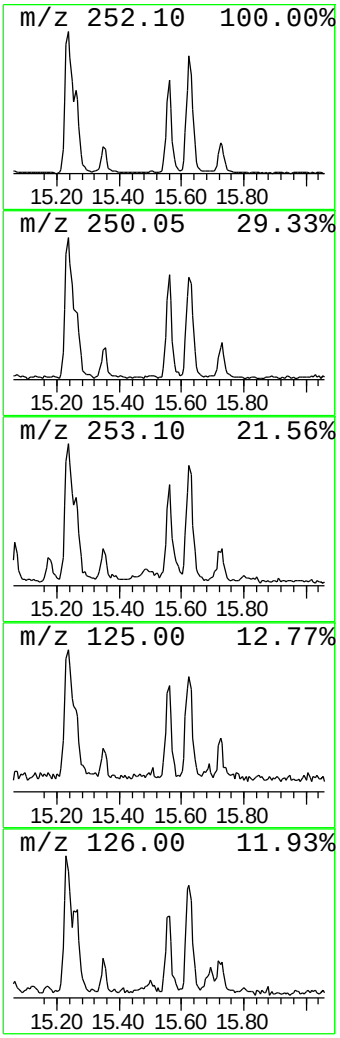
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.67 ng	285375	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107584.D
Acq On : 23 Jul 2018 13:31
Operator : JU/SJ
Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

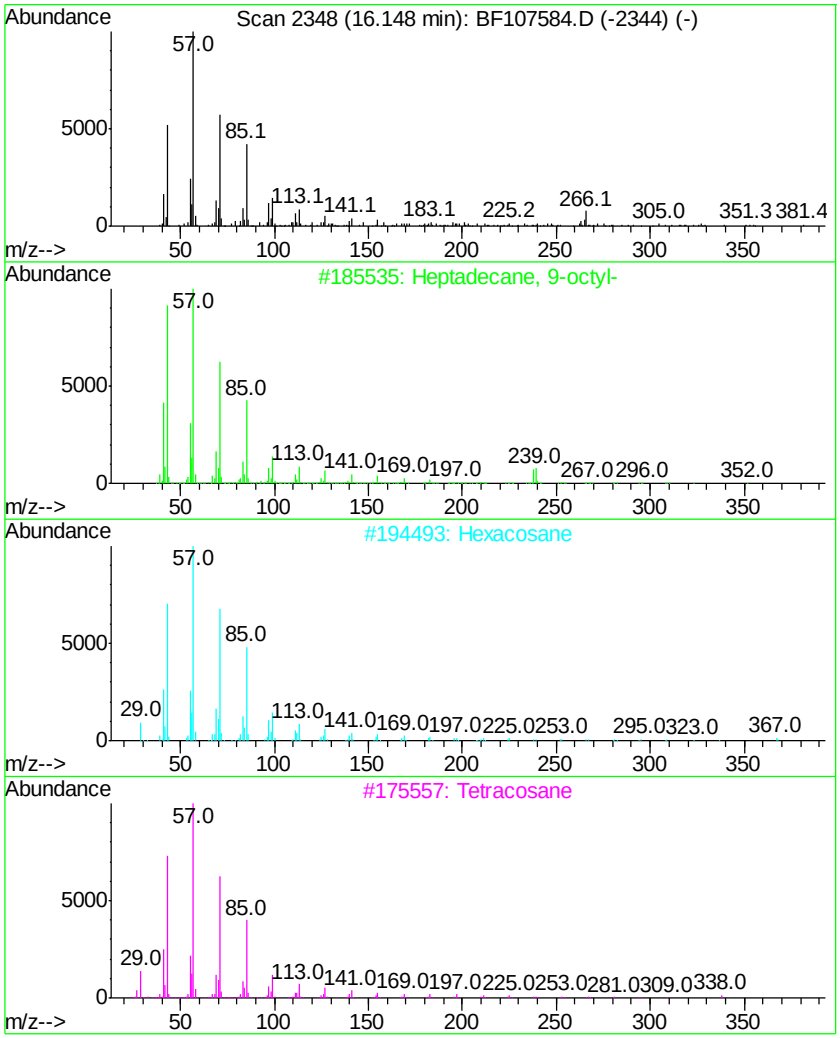
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

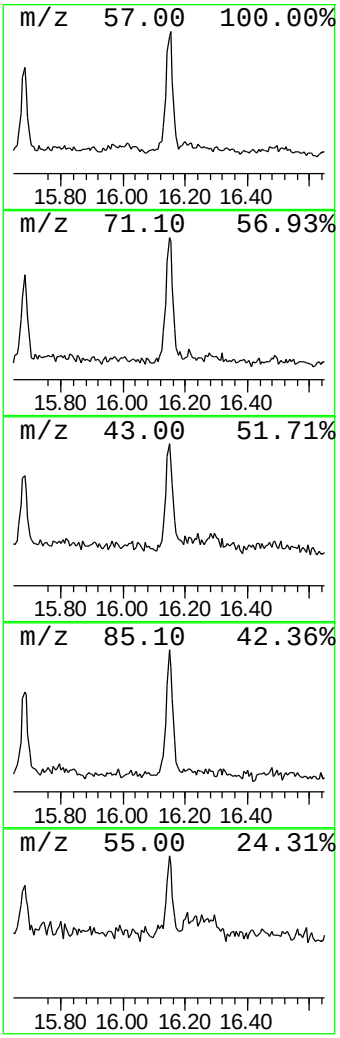
****

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.86 ng	305573	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Pentadecane	212	C15H32	000629-62-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107584.D
Acq On : 23 Jul 2018 13:31
Operator : JU/SJ
Sample : J4081-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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...	5.21	8.3	ng	719701	1	6.97	1743100	20.0
unknown6.75	6.75	53.3	ng	4640560	1	6.97	1743100	20.0
Ethanol, 2-(2-eth...	6.80	4.8	ng	414412	1	6.97	1743100	20.0
2,4,7,9-Tetrameth...	9.44	3.5	ng	423636	3	10.02	2397680	20.0
Phenanthrene, 1-m...	12.01	2.4	ng	265225	4	11.51	2224880	20.0
1-Nonadecene	13.97	2.3	ng	239036	5	14.16	2112210	20.0
unknown14.29	14.29	13.3	ng	1405220	5	14.16	2112210	20.0
Benzo[e]pyrene	15.56	2.7	ng	285375	6	15.69	2136360	20.0
Heptadecane, 9-oc...	16.15	2.9	ng	305573	6	15.69	2136360	20.0