LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

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-BF020320.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	2.128	3	7	14	rVB	52776	75103	1.27%	0.138%
2	5.010	494	497	505	rVB	178079	217050	3.67%	0.398%
3	5.428	563	568	571	rBV	5149442	4880045	82.51%	8.940%
4	6.087	676	680	684	rBV	217851	192906	3.26%	0.353%
5	6.440	736	740	750	rBV	4781232	5031579	85.08%	9.218%
6	6.563	757	761	764	rBV	106216	87391	1.48%	0.160%
7	6.763	791	795	798	rVB	89275	71346	1.21%	0.131%
8	6.804	798	802	805	rBV	1867037	1538384	26.01%	2.818%
9	6.922	819	822	825	rBV	69236	64904	1.10%	0.119%
10	6.963	825	829	832	rVV	4675897	4256038	71.96%	7.797%
11	7.363	892	897	900	rBV	3574136	3334241	56.38%	6.108%
12	8.087	1016	1020	1028	rBV	2347217	2035654	34.42%	3.729%
13	9.163	1198	1203	1206	rBV	6302445	5914274	100.00%	10.835%
14	9.304	1221	1227	1240	rVB	258563	384969	6.51%	0.705%
15	9.551	1266	1269	1273	rBV	316277	284639	4.81%	0.521%
16	9.839	1314	1318	1322	rBV	2990822	2511839	42.47%	4.602%
17	10.628	1447	1452	1456	rBV	4915737	4542243	76.80%	8.321%
18	11.210	1547	1551	1559	rVB2	198829	233422	3.95%	0.428%
19	11.322	1566	1570	1573	rBV	2821232	2718796	45.97%	4.981%
20	11.345	1573	1574	1578	rVV	463034	310902	5.26%	0.570%
21	11.398	1578	1583	1586	rVB2	103957	127031	2.15%	0.233%
22	11.551	1604	1609	1615	rVB2	35636	64513	1.09%	0.118%
23	11.857	1657	1661	1667	rBV	507241	506588	8.57%	0.928%
24	11.939	1671	1675	1677	rBV2	87737	94084	1.59%	0.172%
25	12.145	1708	1710	1717	rVB2	59327	61196	1.03%	0.112%
26	12.374	1746	1749	1752	rBV	64503	69336	1.17%	0.127%
27	12.533	1773	1776	1780	rBV	807728	726534	12.28%	1.331%
28	12.639	1790	1794	1798	rBV2	141116	178943	3.03%	0.328%
29	12.763	1808	1815	1818	rBV	750364	771899	13.05%	1.414%
30	12.910	1832	1840	1844	rBV	5461348	5269047	89.09%	9.653%
31	12.980	1848	1852	1856	rBV3	58855	91972	1.56%	0.168%
32	13.092	1869	1871	1874	rVB	96925	81649	1.38%	0.150%
33	13.198	1886	1889	1891	rBV2	74240	70607	1.19%	0.129%
34	13.598	1954	1957	1963	rVB	59131	73839	1.25%	0.135%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.710	1972	1976	1979	rBV2	70913	90467	1.53%	0.166%
36	13.810	1989	1993	2003	rVB3	406882	521236	8.81%	0.955%
37	13.886	2003	2006	2011	rBV2	66728	77987	1.32%	0.143%
38	13.963	2011	2019	2022	rBV2	2194261	2448129	41.39%	4.485%
39	13.986	2022	2023	2029	rVB	359400	271511	4.59%	0.497%
40	14.133	2045	2048	2054	rVB2	104222	120647	2.04%	0.221%
41	14.351	2081	2085	2088	rBV	78327	86606	1.46%	0.159%
42	14.439	2096	2100	2104	rBV2	158078	184836	3.13%	0.339%
43	14.739	2147	2151	2155	rBV2	184655	187215	3.17%	0.343%
44	14.992	2190	2194	2197	rBV	308020	459825	7.77%	0.842%
45	15.068	2203	2207	2210	rBV	189799	194147	3.28%	0.356%
46	15.286	2240	2244	2250	rVB	158279	192897	3.26%	0.353%
47	15.345	2250	2254	2260	rVB	235684	302510	5.11%	0.554%
48	15.410	2260	2265	2269	rBV	1386038	1880800	31.80%	3.446%
49	15.868	2338	2343	2347	rBV	113519	179349	3.03%	0.329%
50	16.357	2422	2426	2431	rVB2	52566	80974	1.37%	0.148%
51	16.839	2503	2508	2518	rVB2	113308	244703	4.14%	0.448%
52	17.268	2577	2581	2588	rVB	97107	188133	3.18%	0.345%

Sum of corrected areas: 54584935

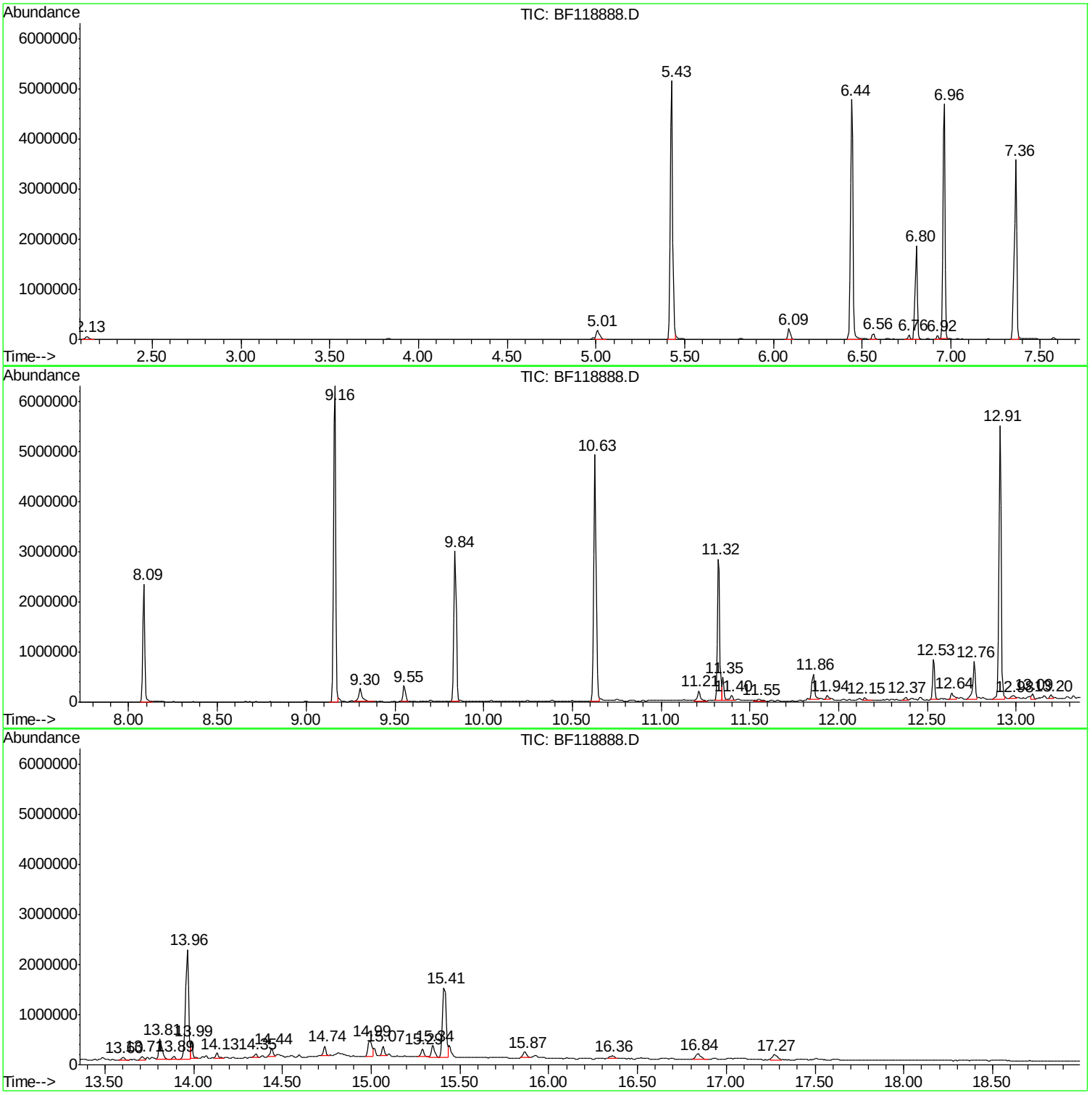
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

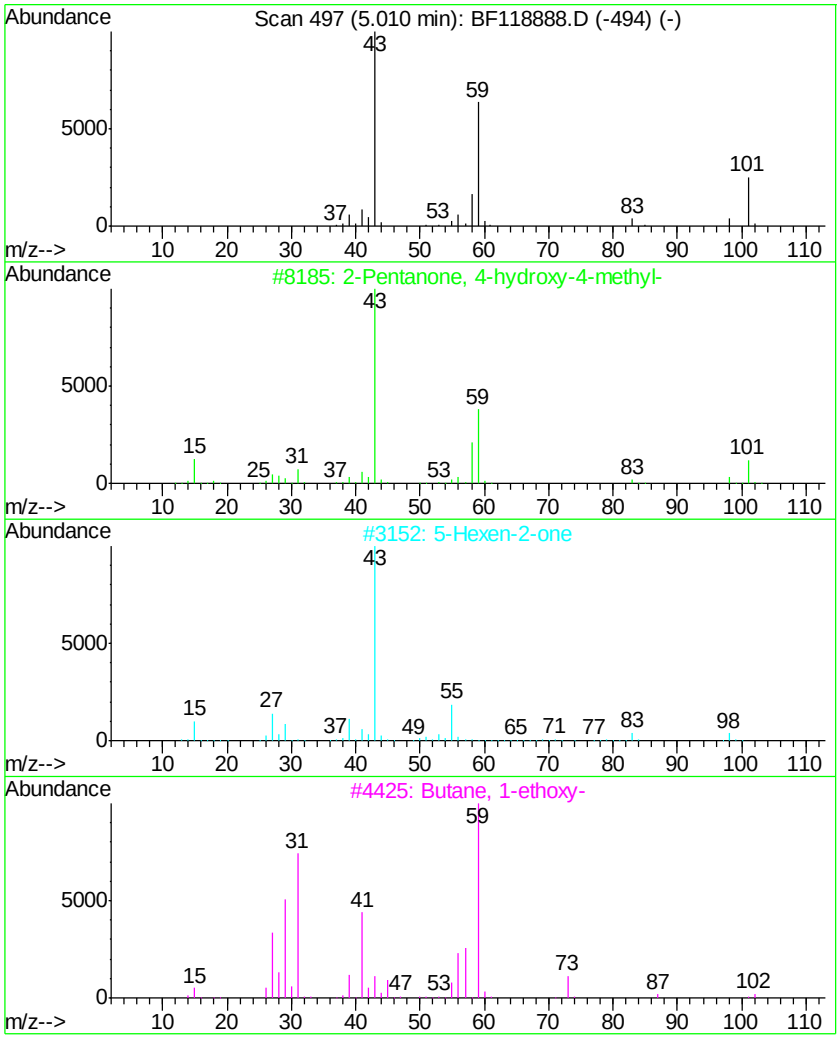
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

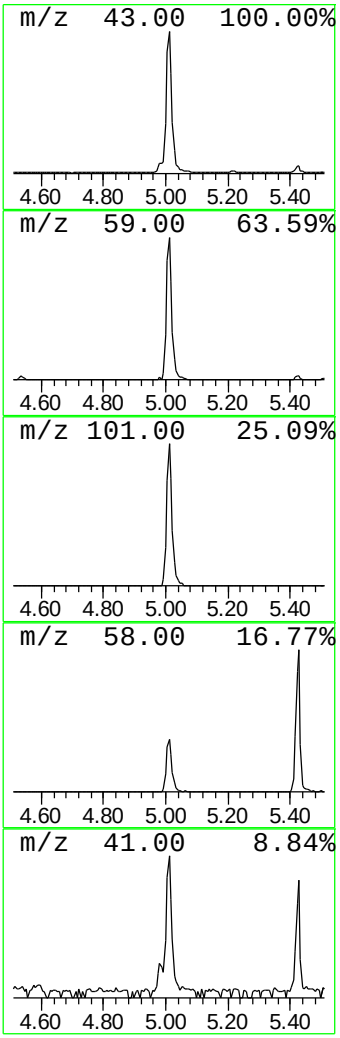
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.82 ng	217050	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

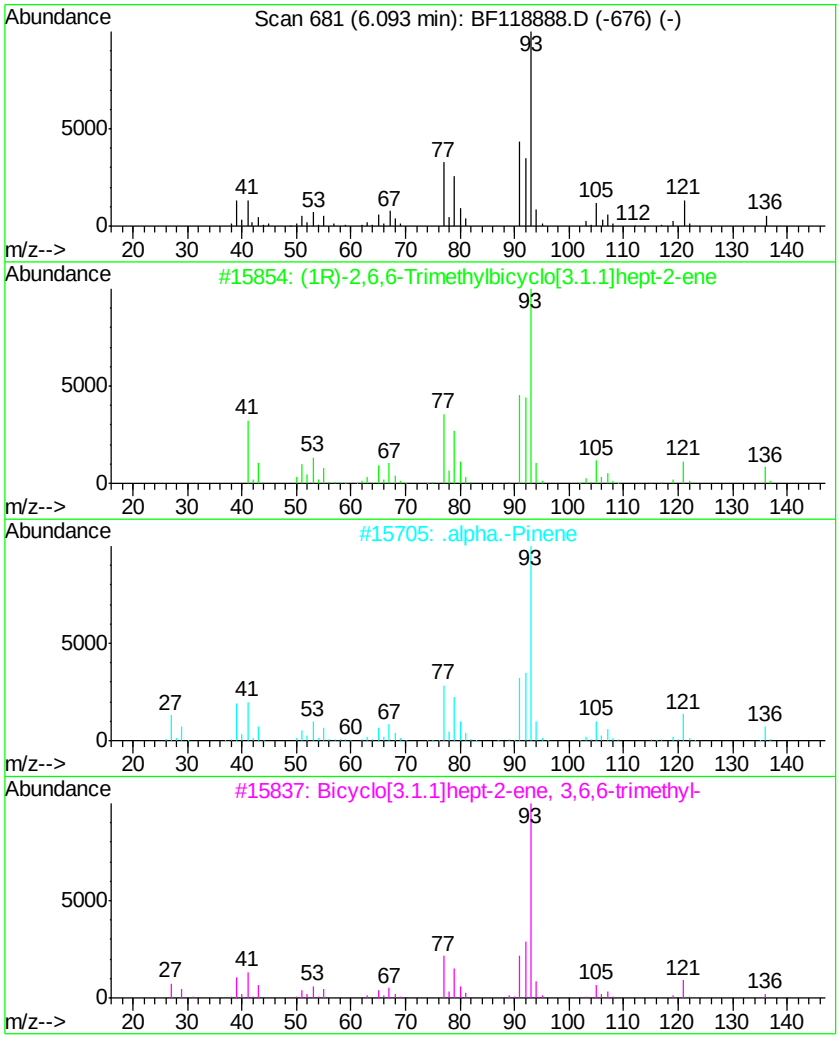
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

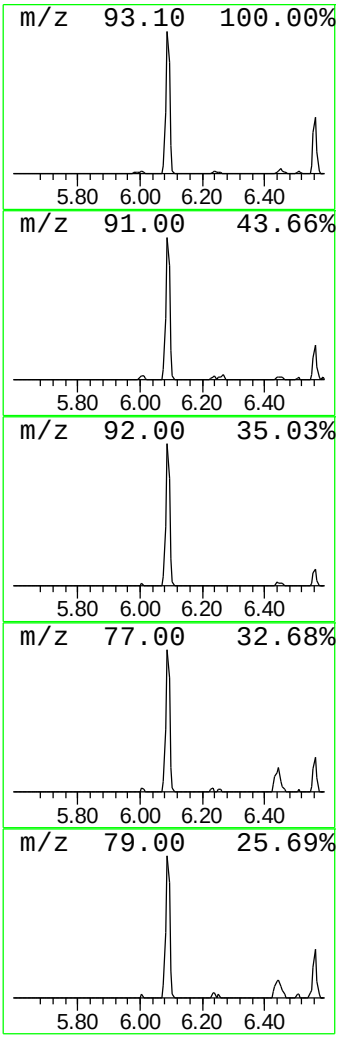
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.51 ng	192906	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

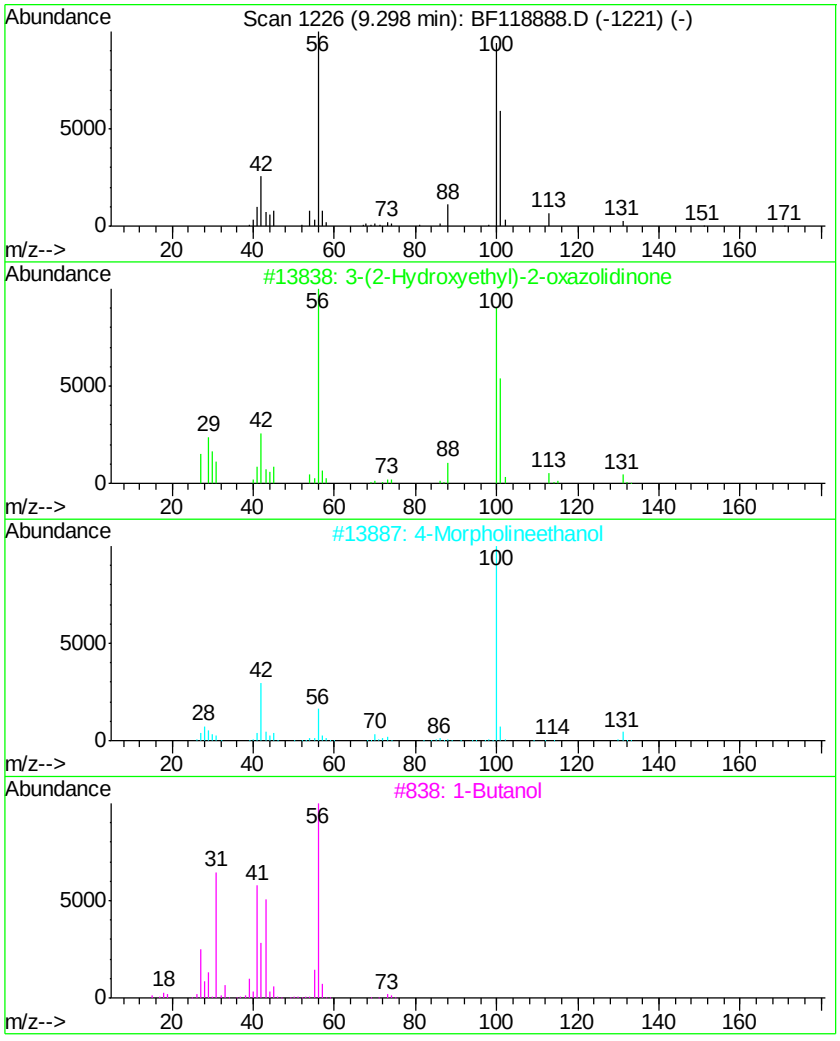
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

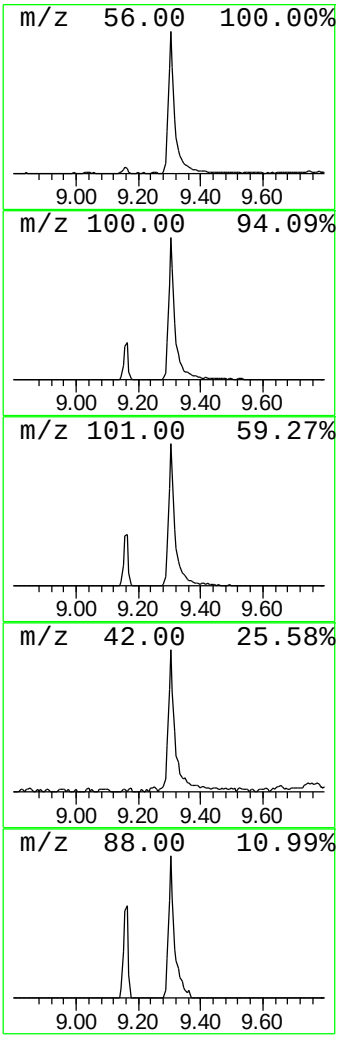
****

Peak Number 4 3-(2-Hydroxyethyl)-2-oxazol... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.07 ng	384969	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Hydroxyethyl)-2-oxazolidinone	131	C5H9NO3	003356-88-5	87
2	4-Morpholineethanol	131	C6H13NO2	000622-40-2	35
3	1-Butanol	74	C4H10O	000071-36-3	27
4	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	12
5	Cycloheptylamine	113	C7H15N	005452-35-7	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118888.D
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Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

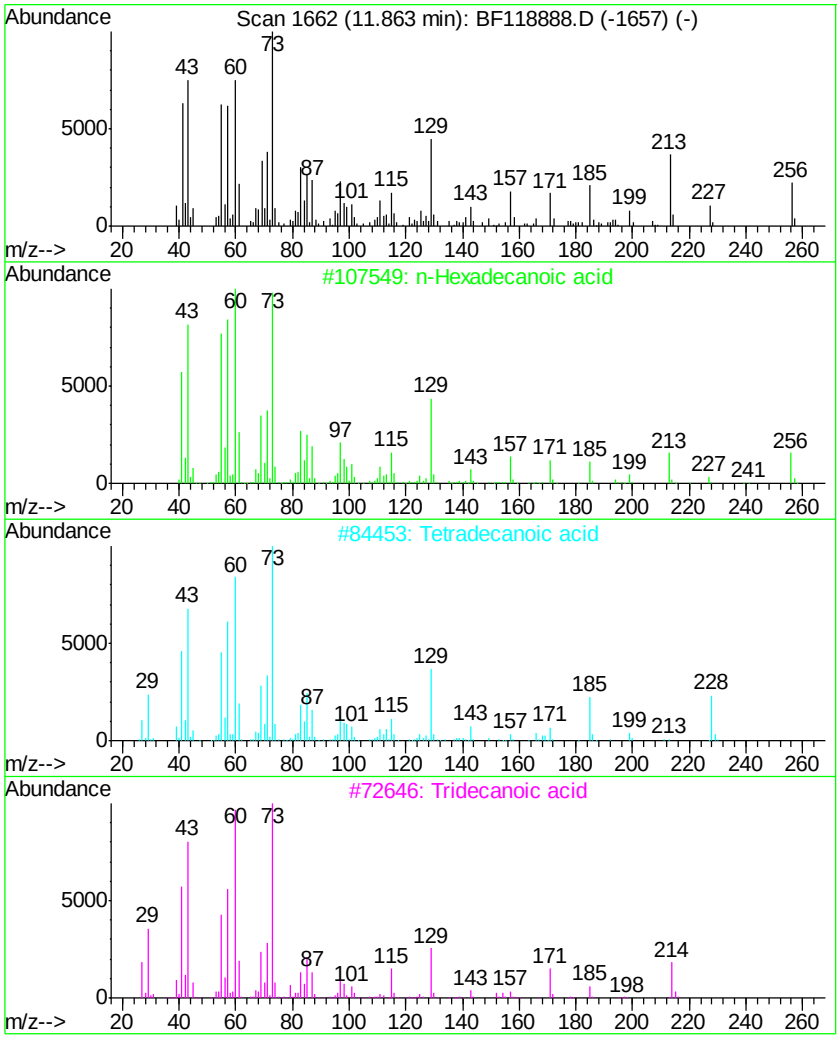
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

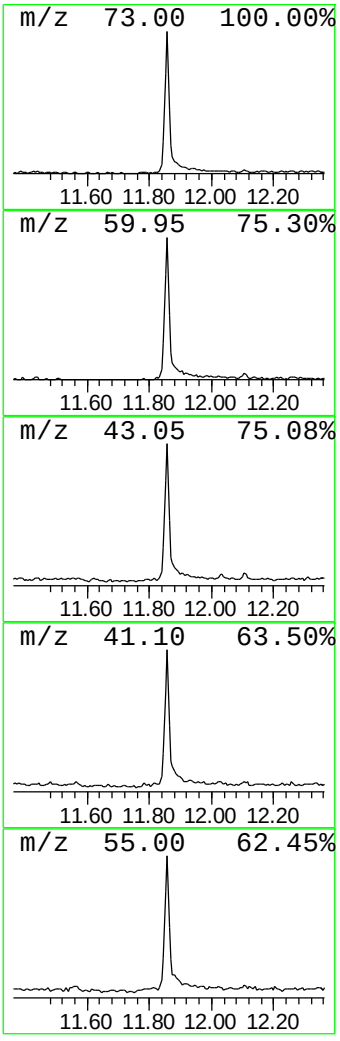
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.73 ng	506588	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

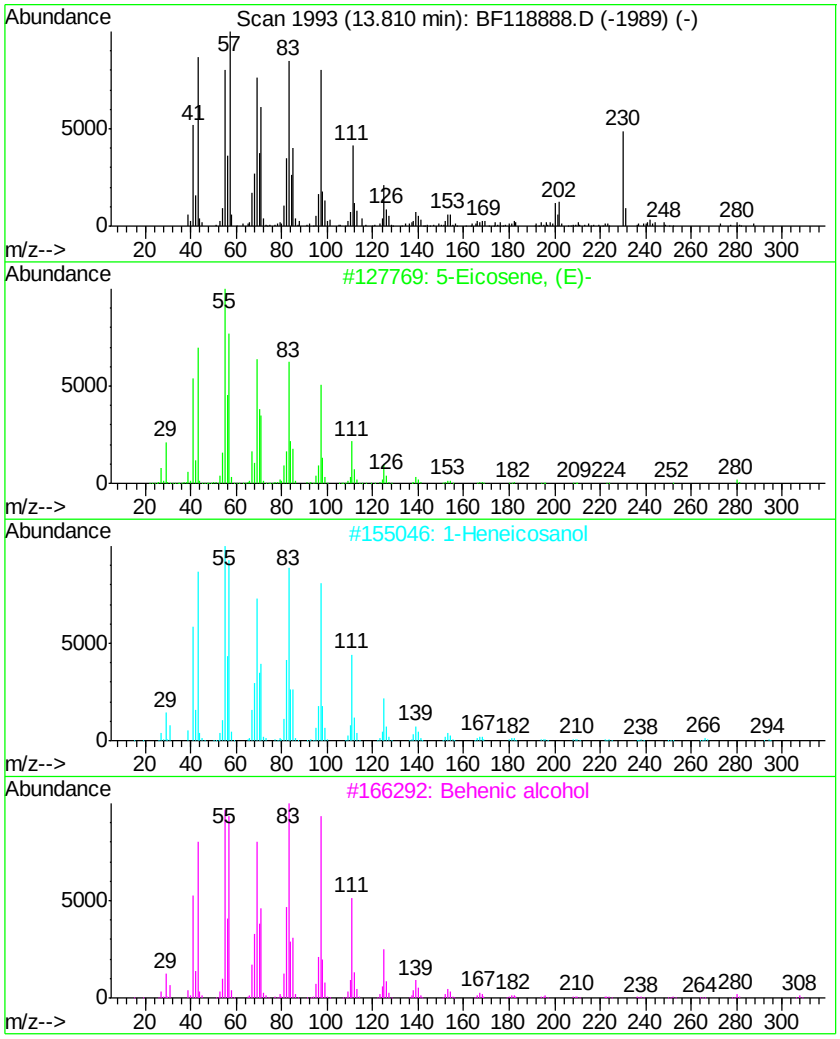
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

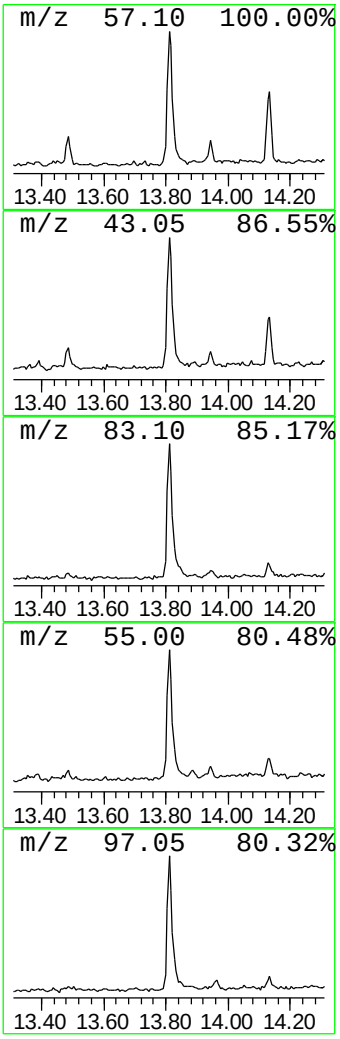
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.26 ng	521236	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	93





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Data File : BF118888.D
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Sample : L1481-02
Misc :
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Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

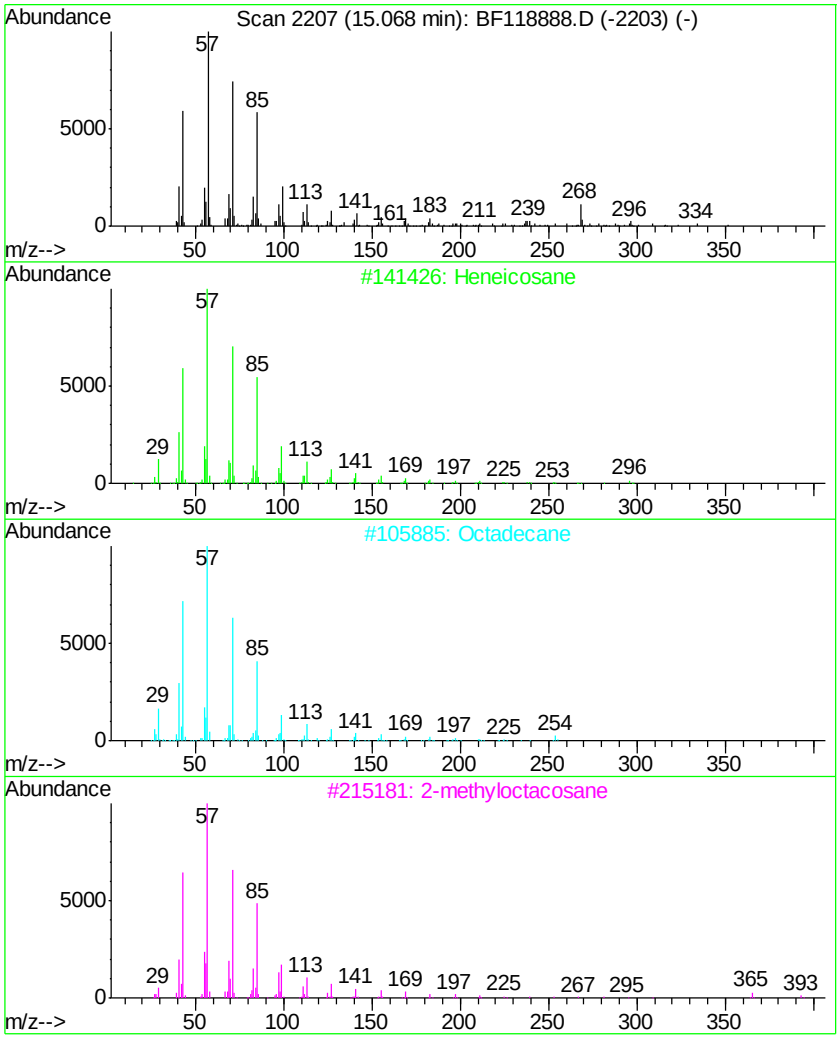
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

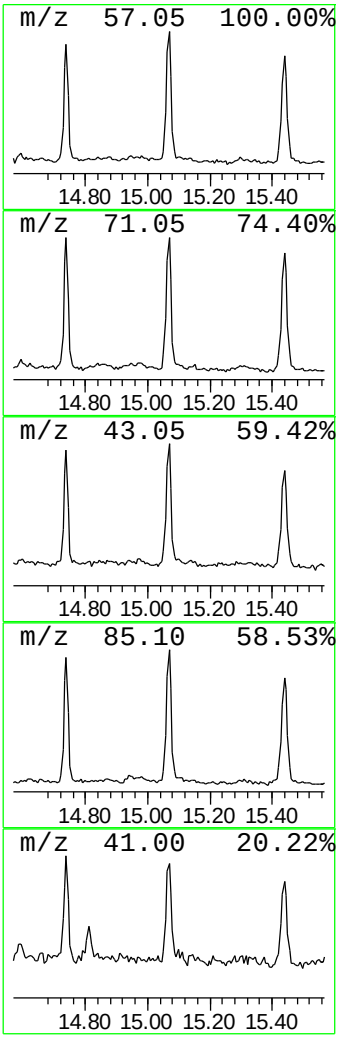
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.06 ng	194147	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octadecane	254	C18H38	000593-45-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

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Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

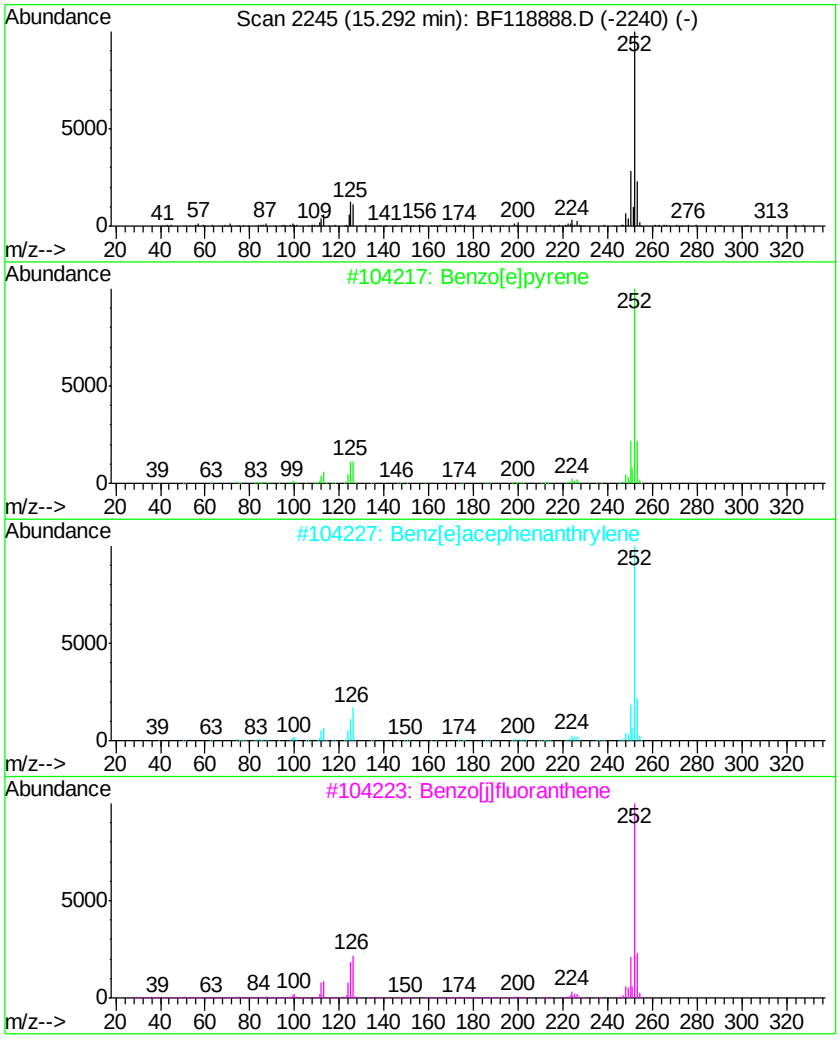
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

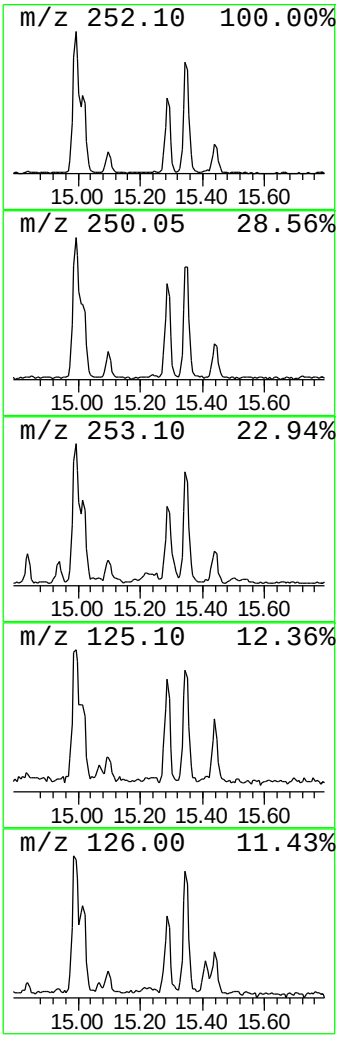
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.05 ng	192897	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021120\
Data File : BF118888.D
Acq On : 11 Feb 2020 17:11
Operator : CG/JU
Sample : L1481-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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...	5.01	2.8	ng	217050	1	6.80	1538380	20.0
(1R)-2,6,6-Trimet...	6.09	2.5	ng	192906	1	6.80	1538380	20.0
3-(2-Hydroxyethyl...	9.30	3.1	ng	384969	3	9.84	2511840	20.0
n-Hexadecanoic acid	11.86	3.7	ng	506588	4	11.32	2718800	20.0
5-Eicosene, (E)-	13.81	4.3	ng	521236	5	13.96	2448130	20.0
Heneicosane	15.07	2.1	ng	194147	6	15.41	1880800	20.0
Benzo[e]pyrene	15.29	2.0	ng	192897	6	15.41	1880800	20.0