LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116501.D
Acq On : 24 Aug 2019 2:17
Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

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-BF082319.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	2.228	15	24	29	rVB	2496209	3453114	100.00%	11.791%
2	4.734	437	450	451	rBV	16708	41863	1.21%	0.143%
3	5.510	577	582	585	rBV	2472032	2383272	69.02%	8.138%
4	6.510	747	752	755	rBV	2506792	2671378	77.36%	9.121%
5	6.657	772	777	780	rBV	2688867	2535324	73.42%	8.657%
6	6.887	812	816	819	rBV	842205	695553	20.14%	2.375%
7	7.045	838	843	846	rBV	2294679	2131241	61.72%	7.277%
8	7.440	905	910	913	rBV	1705731	1494271	43.27%	5.102%
9	8.163	1029	1033	1037	rBV	990745	865168	25.05%	2.954%
10	9.239	1211	1216	1219	rBV	3513054	2900310	83.99%	9.903%
11	9.628	1278	1282	1285	rBV	558896	435814	12.62%	1.488%
12	9.857	1317	1321	1324	rVB	68048	53463	1.55%	0.183%
13	9.916	1327	1331	1334	rBV	1153740	916593	26.54%	3.130%
14	10.698	1460	1464	1468	rBV	1394018	1189194	34.44%	4.060%
15	10.804	1476	1482	1485	rBV	767117	666958	19.31%	2.277%
16	11.398	1579	1583	1585	rBV	996023	828004	23.98%	2.827%
17	11.422	1585	1587	1590	rVV	264599	194219	5.62%	0.663%
18	11.469	1590	1595	1598	rVB2	73403	72339	2.09%	0.247%
19	11.922	1670	1672	1677	rVB2	89005	86377	2.50%	0.295%
20	12.010	1684	1687	1689	rBV2	57664	54986	1.59%	0.188%
21	12.486	1764	1768	1773	rBV6	21159	39650	1.15%	0.135%
22	12.610	1785	1789	1792	rVB	505129	420900	12.19%	1.437%
23	12.833	1822	1827	1831	rBV	395383	439066	12.72%	1.499%
24	12.980	1848	1852	1856	rVB	2512019	2290588	66.33%	7.821%
25	13.163	1881	1883	1886	rVB	59006	49315	1.43%	0.168%
26	13.233	1892	1895	1897	rVB	49216	45540	1.32%	0.155%
27	13.874	2001	2004	2010	rBV2	202152	230936	6.69%	0.789%
28	14.033	2026	2031	2033	rBV2	730008	810507	23.47%	2.767%
29	14.057	2033	2035	2038	rVB	171877	129215	3.74%	0.441%
30	14.139	2047	2049	2052	rBV2	53887	56707	1.64%	0.194%
31	14.510	2110	2112	2115	rVB2	80134	71596	2.07%	0.244%
32	15.068	2204	2207	2210	rBV	140856	186955	5.41%	0.638%
33	15.374	2256	2259	2265	rBV	97971	109773	3.18%	0.375%
34	15.433	2266	2269	2275	rVB	137207	163297	4.73%	0.558%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

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-BF082319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.498	2276	2280	2284	rBV	482827	573729	16.61%	1.959%

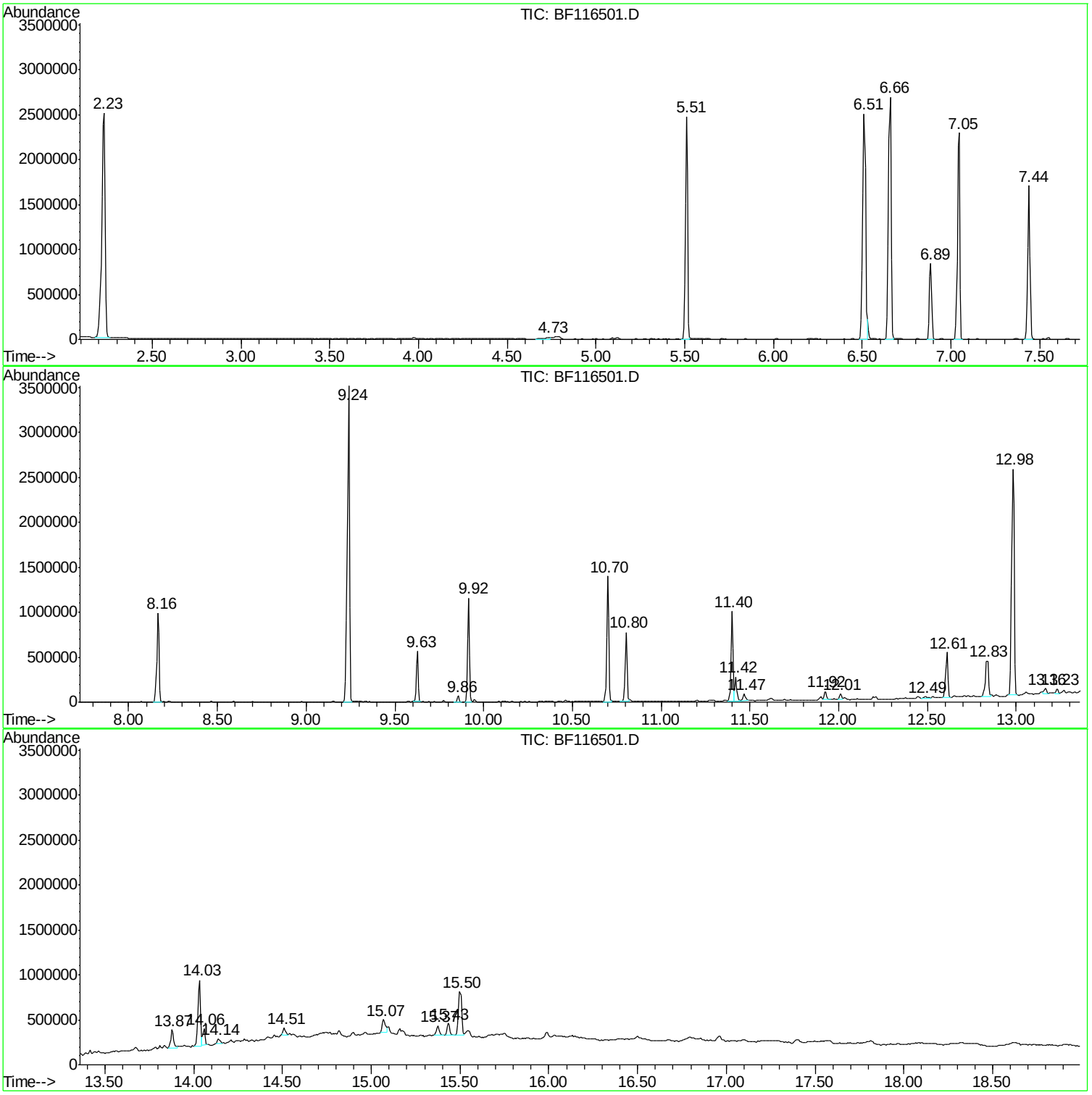
Sum of corrected areas: 29287215

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116501.D
Acq On : 24 Aug 2019 2:17
Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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\BF082319\
Data File : BF116501.D
Acq On : 24 Aug 2019 2:17
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Sample : K4087-01
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Instrument : BNA_F
ClientSampleId : HD-02-082119

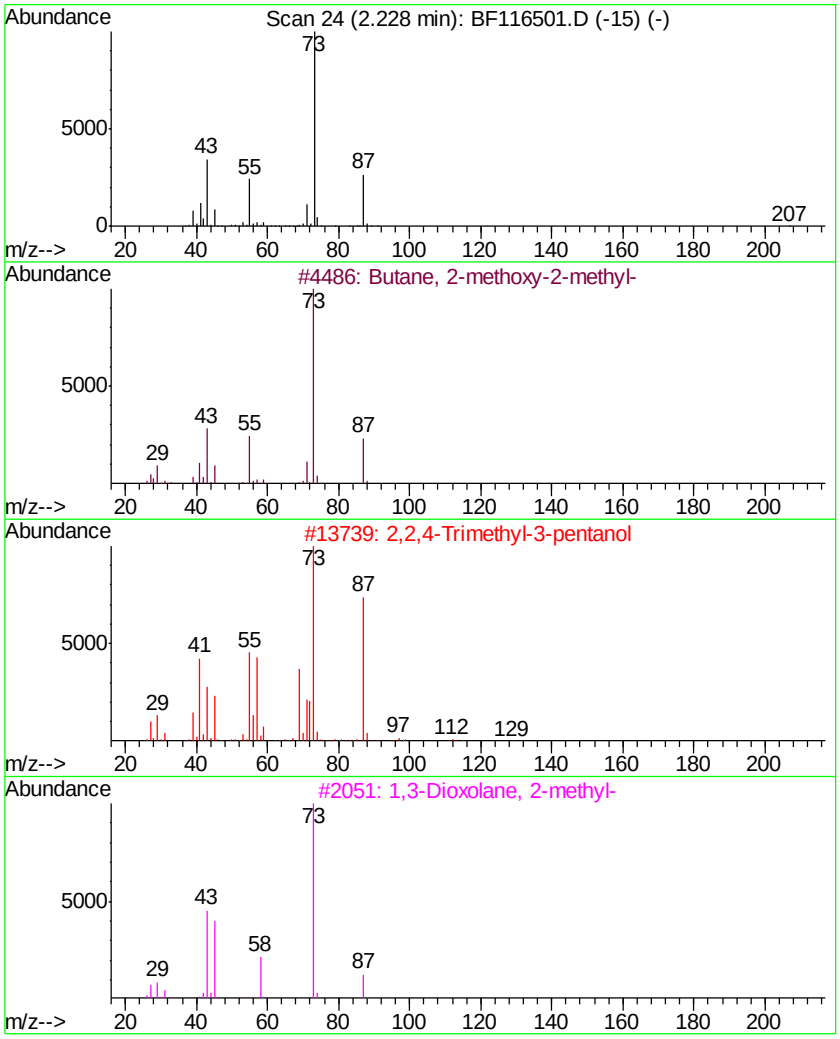
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

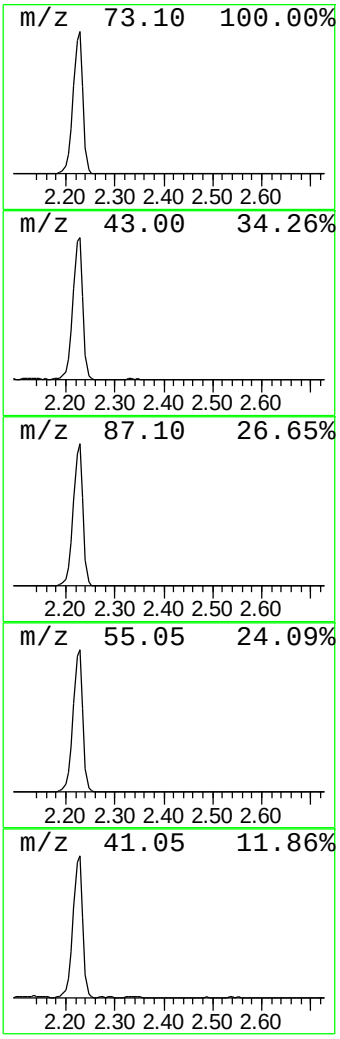
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	99.29 ng	3453110	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116501.D
Acq On : 24 Aug 2019 2:17
Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

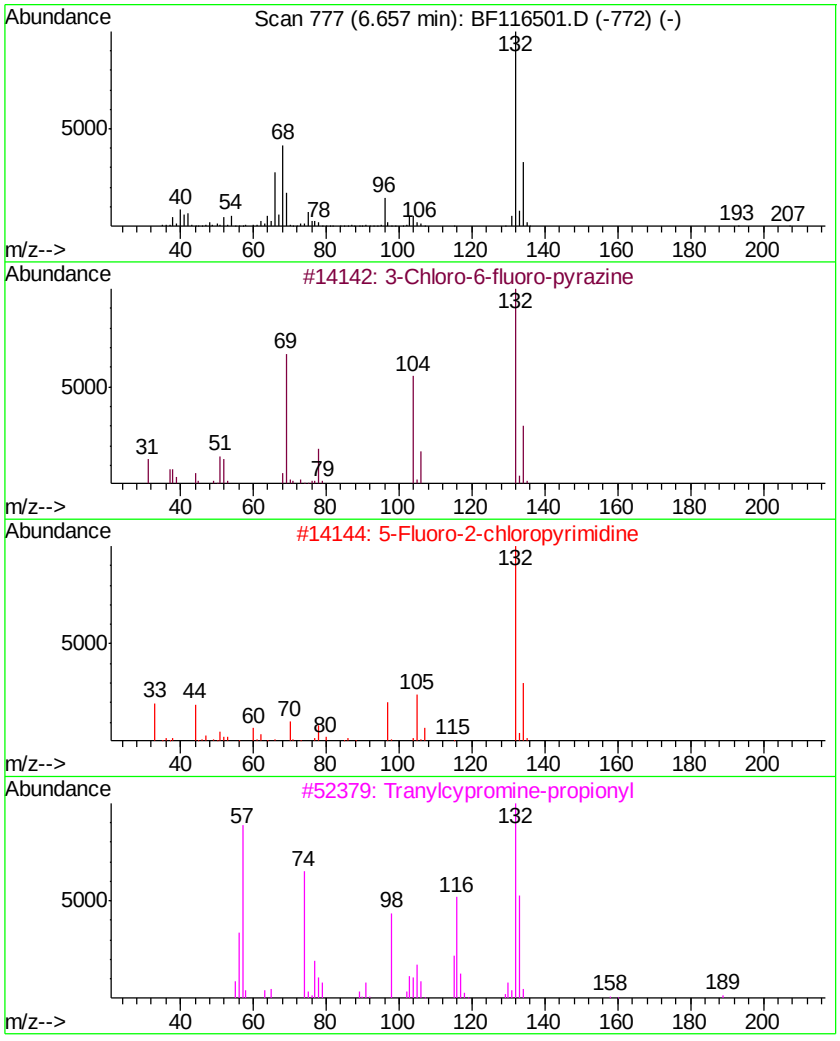
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

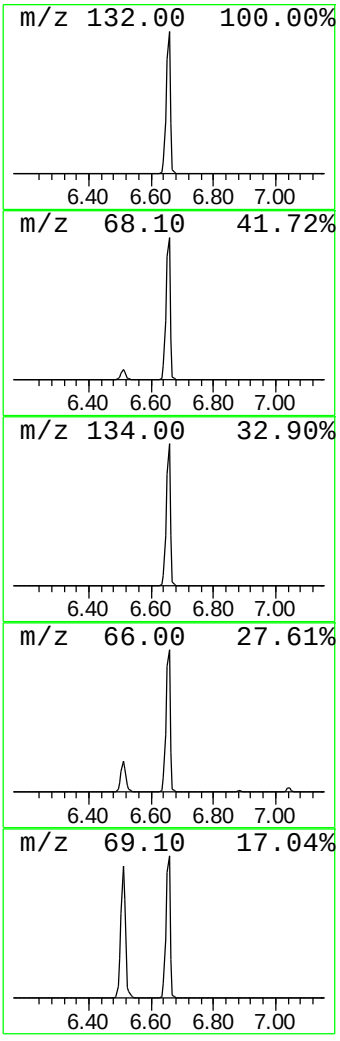
****

Peak Number 2 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	72.90 ng	2535320	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116501.D
Acq On : 24 Aug 2019 2:17
Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

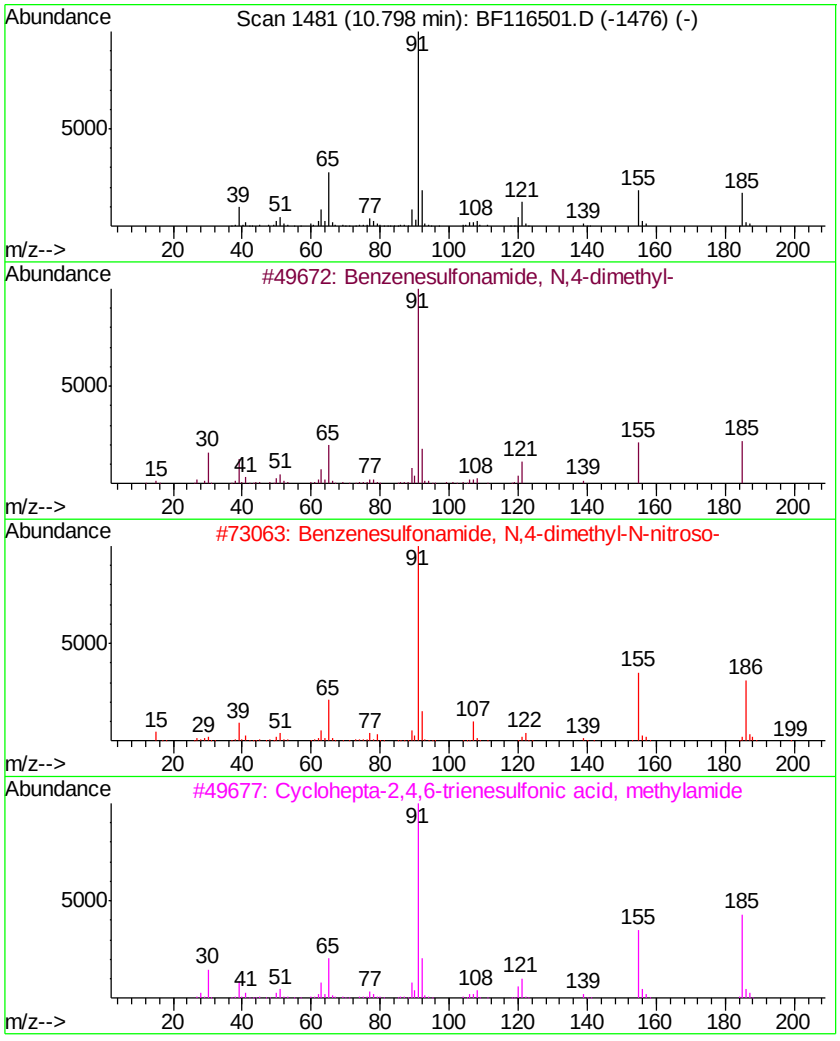
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

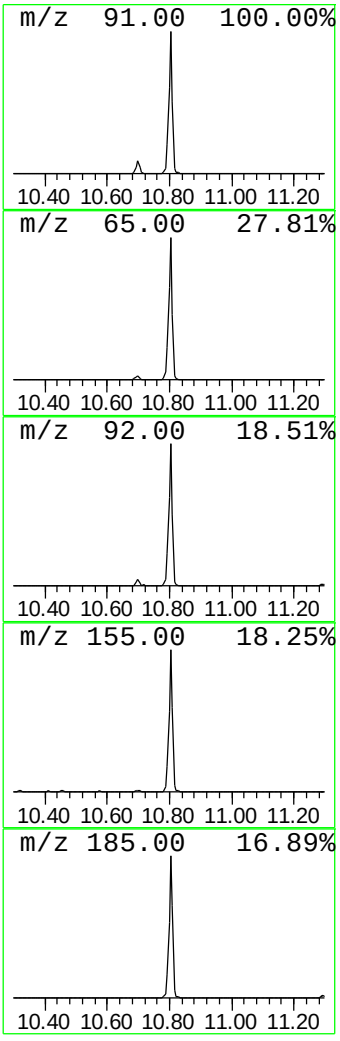
****

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	16.11 ng	666958	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	53
3	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	49
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
5	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116501.D
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Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

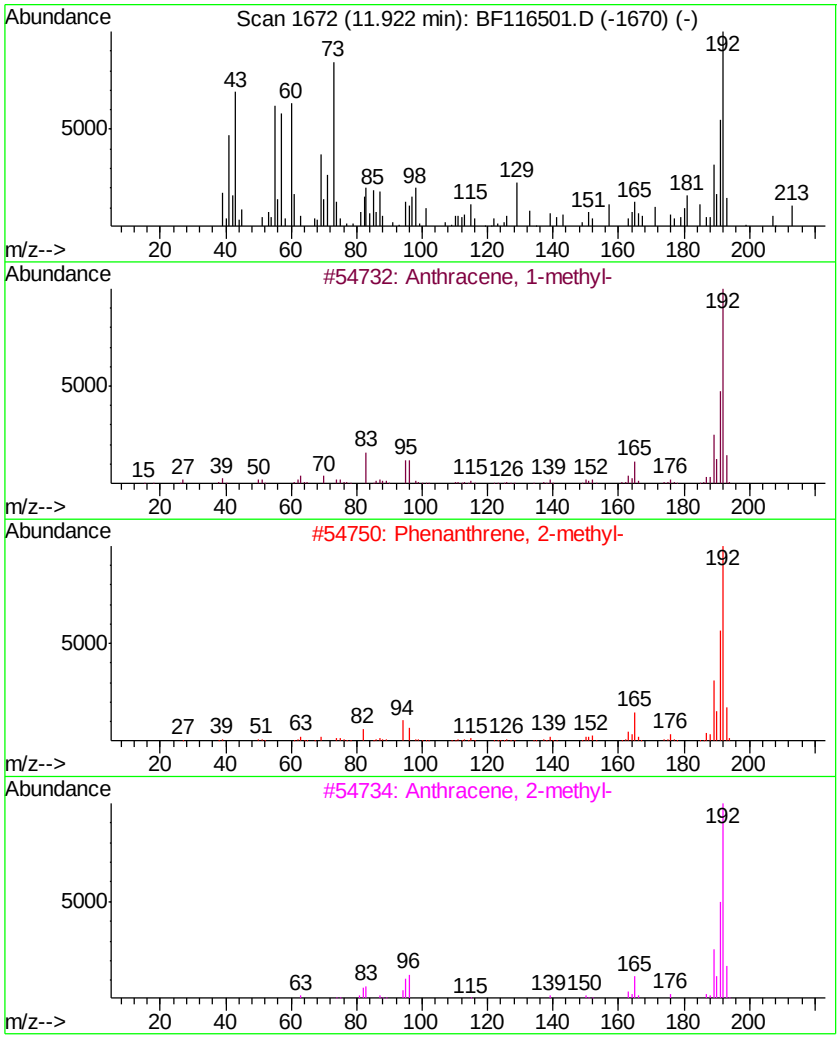
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

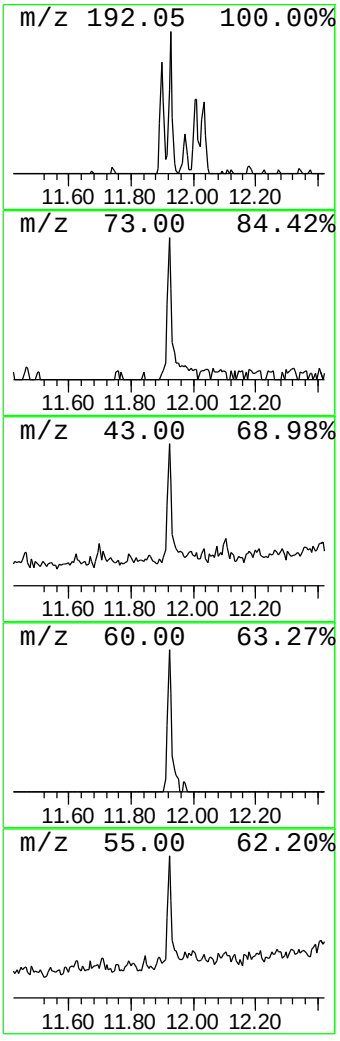
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.09 ng	86377	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Misc :
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Instrument : BNA_F
ClientSampleId : HD-02-082119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

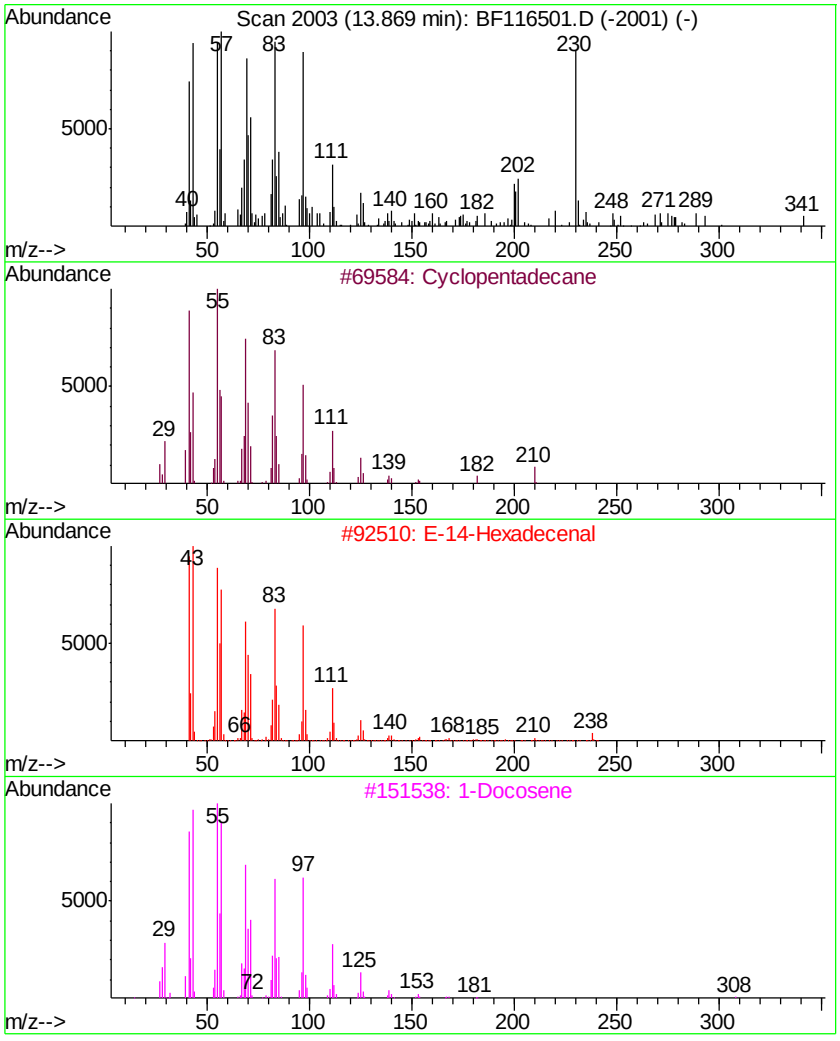
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

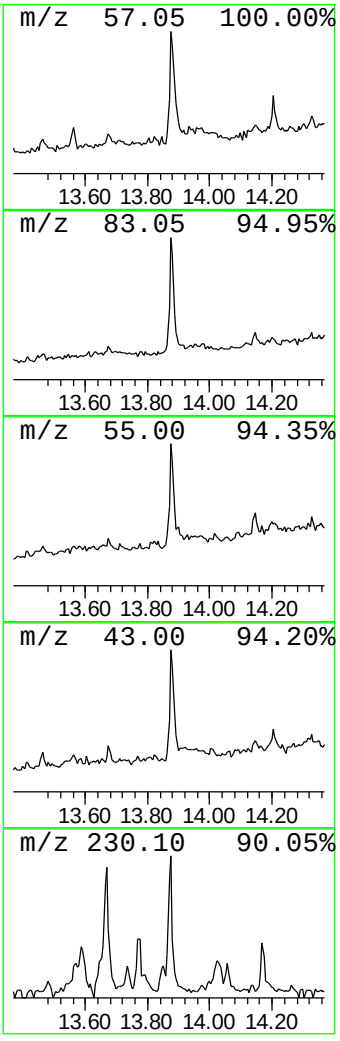
****

Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.70 ng	230936	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Octadecene	252	C18H36	000112-88-9	93
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

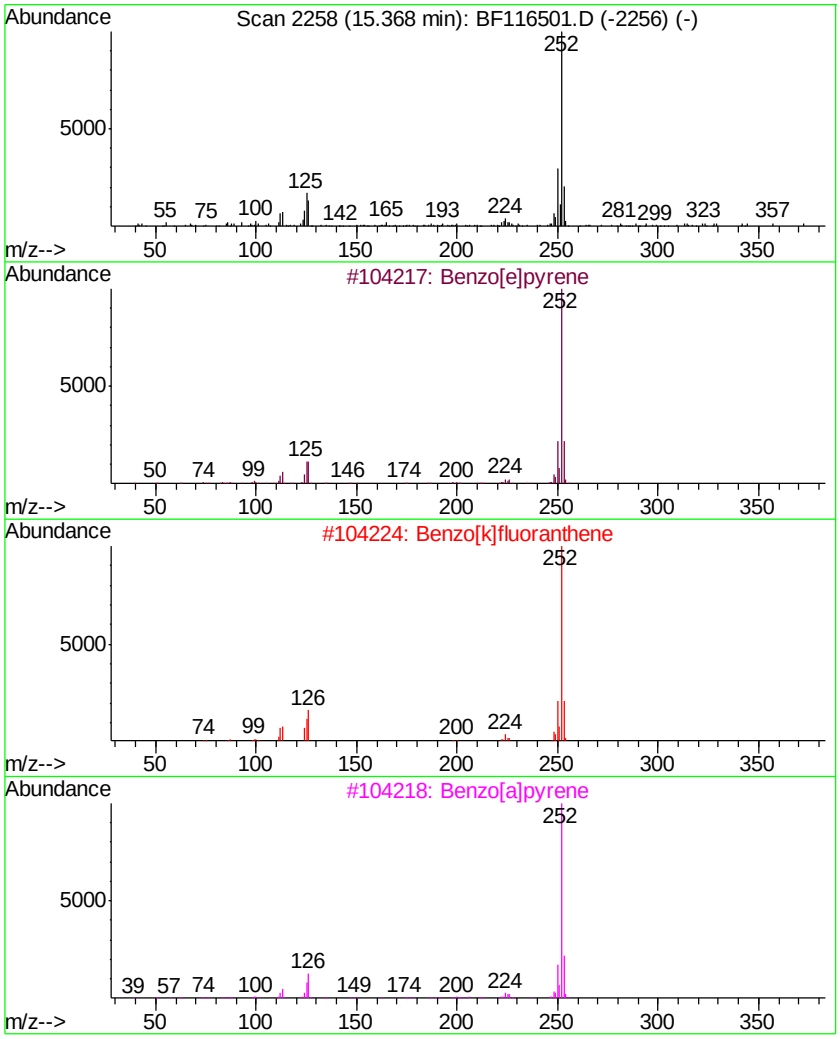
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

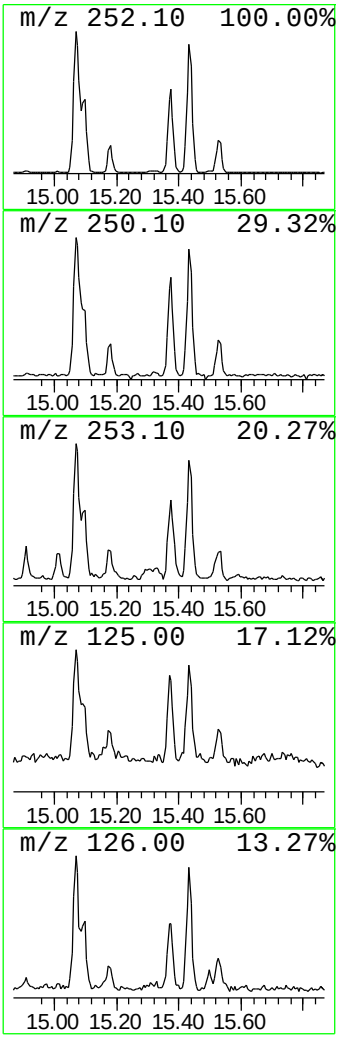
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.83 ng	109773	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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
Butane, 2-methoxy...	2.23	99.3	ng	3453110	1	6.89	695553	20.0
unknown6.66	6.66	72.9	ng	2535320	1	6.89	695553	20.0
Benzenesulfonamid...	10.80	16.1	ng	666958	4	11.40	828004	20.0
Anthracene, 1-met...	11.92	2.1	ng	86377	4	11.40	828004	20.0
Cyclopentadecane	13.87	5.7	ng	230936	5	14.03	810507	20.0
Benzo[e]pyrene	15.37	3.8	ng	109773	6	15.50	573729	20.0