LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.899	47	53	59	rBV2	106328	194991	1.13%	0.224%
2	3.246	106	112	129	rBV	1493939	1960811	11.35%	2.250%
3	6.851	719	725	744	rBV2	350614	833385	4.82%	0.956%
4	7.004	745	751	763	rVV	361383	581023	3.36%	0.667%
5	7.198	778	784	799	rVB	451450	786129	4.55%	0.902%
6	7.657	856	862	871	rBV	478393	799557	4.63%	0.917%
7	8.375	978	984	995	rBV2	405704	771600	4.47%	0.885%
8	8.822	1053	1060	1072	rBV	404585	770166	4.46%	0.884%
9	9.539	1175	1182	1197	rBV	326125	632021	3.66%	0.725%
10	10.081	1268	1274	1301	rBV2	355882	890966	5.16%	1.022%
11	10.433	1324	1334	1340	rBV	629876	1091914	6.32%	1.253%
12	10.604	1356	1363	1382	rBV2	154408	428874	2.48%	0.492%
13	13.716	1880	1892	1897	rBV	914923	1425322	8.25%	1.635%
14	13.769	1897	1901	1908	rVB	238414	372657	2.16%	0.428%
15	13.992	1932	1939	1943	rBV	1075792	1748092	10.12%	2.006%
16	14.298	1985	1991	1998	rBV	893996	1341526	7.76%	1.539%
17	14.604	2038	2043	2056	rBV5	47692	184130	1.07%	0.211%
18	15.298	2152	2161	2168	rBV	1347499	2025928	11.73%	2.325%
19	15.463	2184	2189	2198	rBV	189906	369230	2.14%	0.424%
20	16.010	2277	2282	2296	rBV3	78859	206615	1.20%	0.237%
21	17.057	2453	2460	2464	rBV	1041604	1537691	8.90%	1.764%
22	17.157	2471	2477	2480	rBV	1416179	2091199	12.10%	2.400%
23	17.192	2480	2483	2492	rVB	337621	516502	2.99%	0.593%
24	17.945	2607	2611	2615	rBV3	125928	190845	1.10%	0.219%
25	19.003	2787	2791	2803	rVB2	90391	202086	1.17%	0.232%
26	19.121	2807	2811	2816	rVB	208834	290181	1.68%	0.333%
27	19.456	2863	2868	2872	rBV	1948719	2838342	16.43%	3.257%
28	20.286	3005	3009	3012	rBV	182885	234834	1.36%	0.269%
29	20.903	3111	3114	3116	rBV	152289	188026	1.09%	0.216%
30	21.050	3137	3139	3144	rVB2	224753	310090	1.79%	0.356%
31	21.115	3147	3150	3153	rBV	561630	664589	3.85%	0.763%
32	21.162	3153	3158	3162	rBV	15592225	17276815	100.00%	19.824%
33	21.256	3166	3174	3177	rBV2	1883062	3821392	22.12%	4.385%
34	21.292	3177	3180	3183	rVV	833262	910615	5.27%	1.045%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	21.374	3190	3194	3196	rBV	1890329	2075056	12.01%	2.381%
36	21.397	3196	3198	3202	rVV2	1364902	1535275	8.89%	1.762%
37	21.445	3203	3206	3209	rVB2	594793	630650	3.65%	0.724%
38	21.568	3219	3227	3233	rBV2	1340063	2770876	16.04%	3.179%
39	21.627	3233	3237	3239	rBV	1085701	1389729	8.04%	1.595%
40	21.650	3239	3241	3244	rVB	1227538	1267934	7.34%	1.455%
41	22.821	3434	3440	3445	rBV	2555850	5621263	32.54%	6.450%
42	22.986	3464	3468	3474	rVB	504388	801043	4.64%	0.919%
43	23.291	3514	3520	3525	rBV	2031598	3853204	22.30%	4.421%
44	23.344	3525	3529	3532	rVV2	1480190	2614049	15.13%	2.999%
45	23.391	3532	3537	3544	rVV	2044635	3681894	21.31%	4.225%
46	23.480	3547	3552	3557	rVV	1027631	2052573	11.88%	2.355%
47	23.533	3557	3561	3568	rVB2	907088	1712171	9.91%	1.965%
48	25.715	3924	3932	3943	rVB	1710885	4860634	28.13%	5.577%
49	26.409	4041	4050	4064	rVB	1209767	3796833	21.98%	4.357%

Sum of corrected areas: 87151328

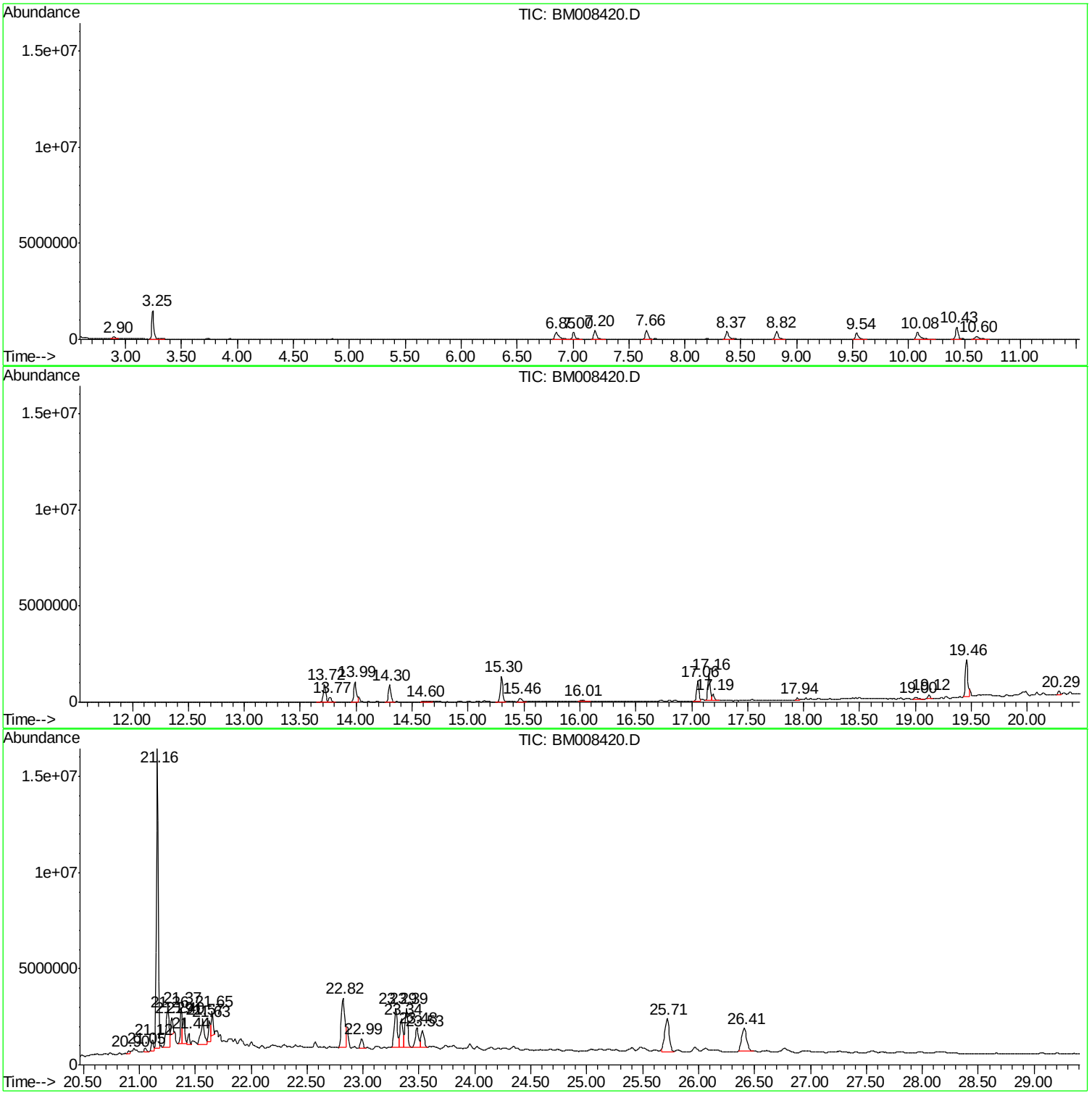
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

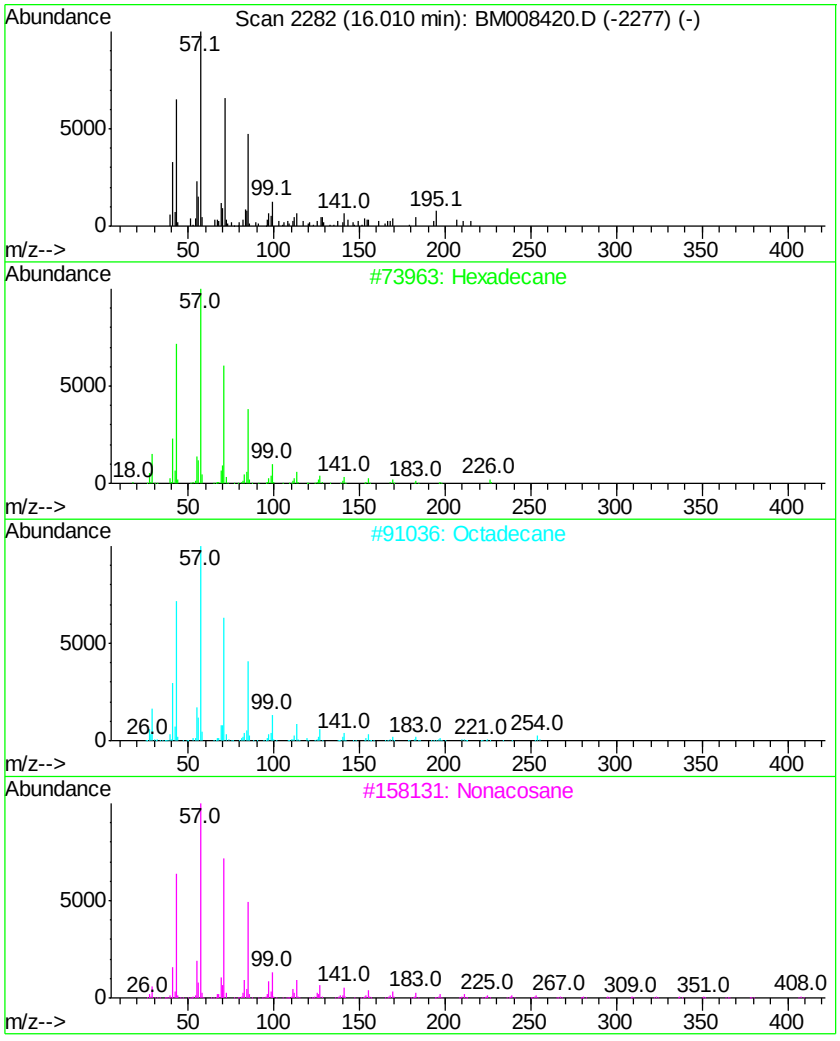
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

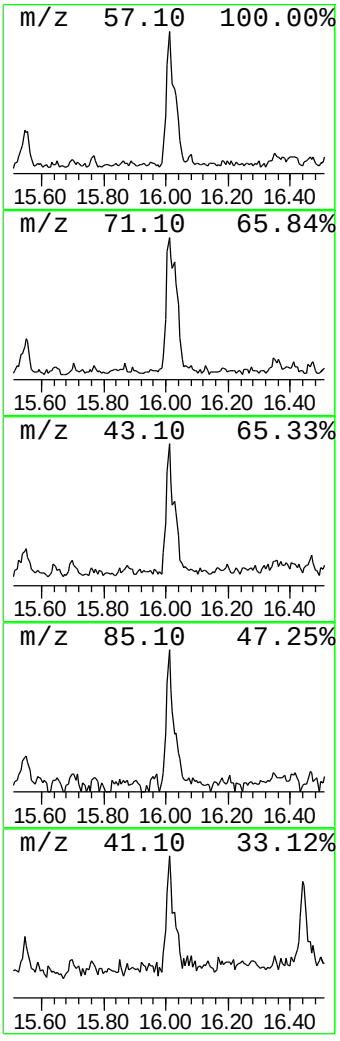
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.69 ng/ul	206615	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Nonacosane	408	C29H60	000630-03-5	86
4	Docosane	310	C22H46	000629-97-0	86
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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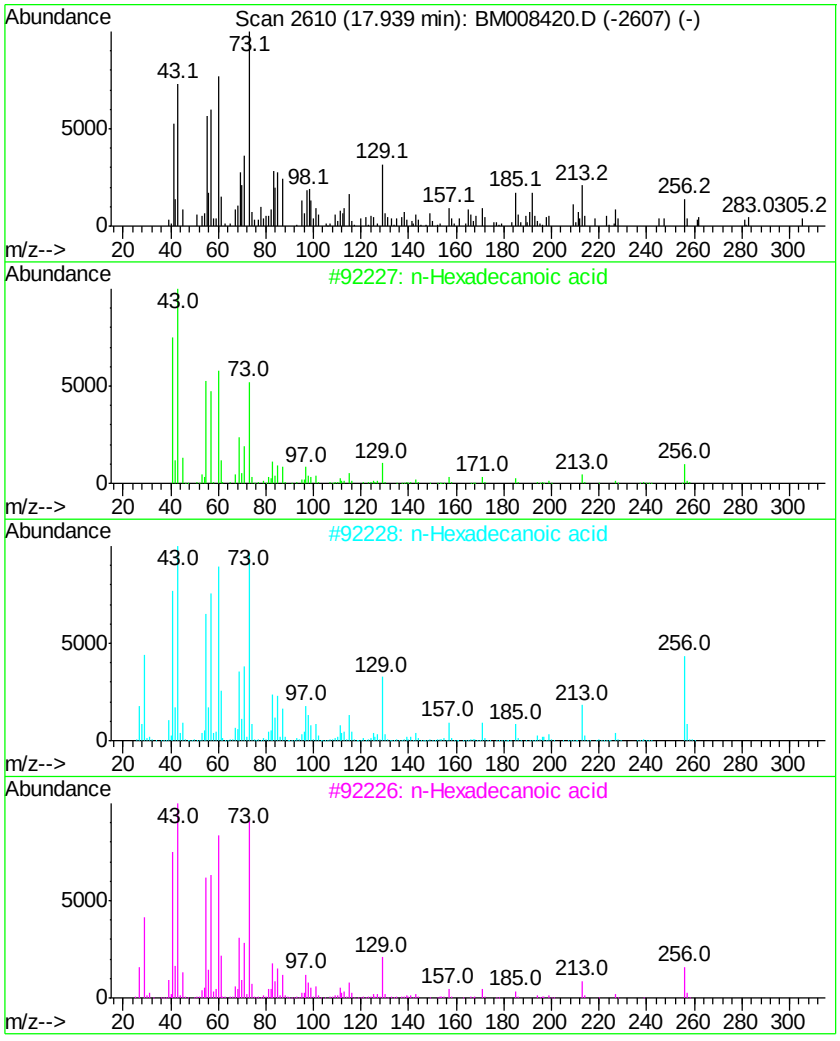
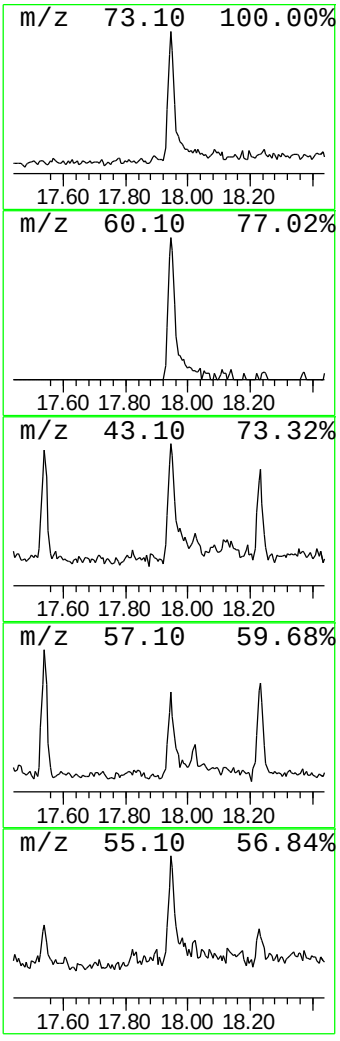
Peak Number 3 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.48 ng/ul	190845	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

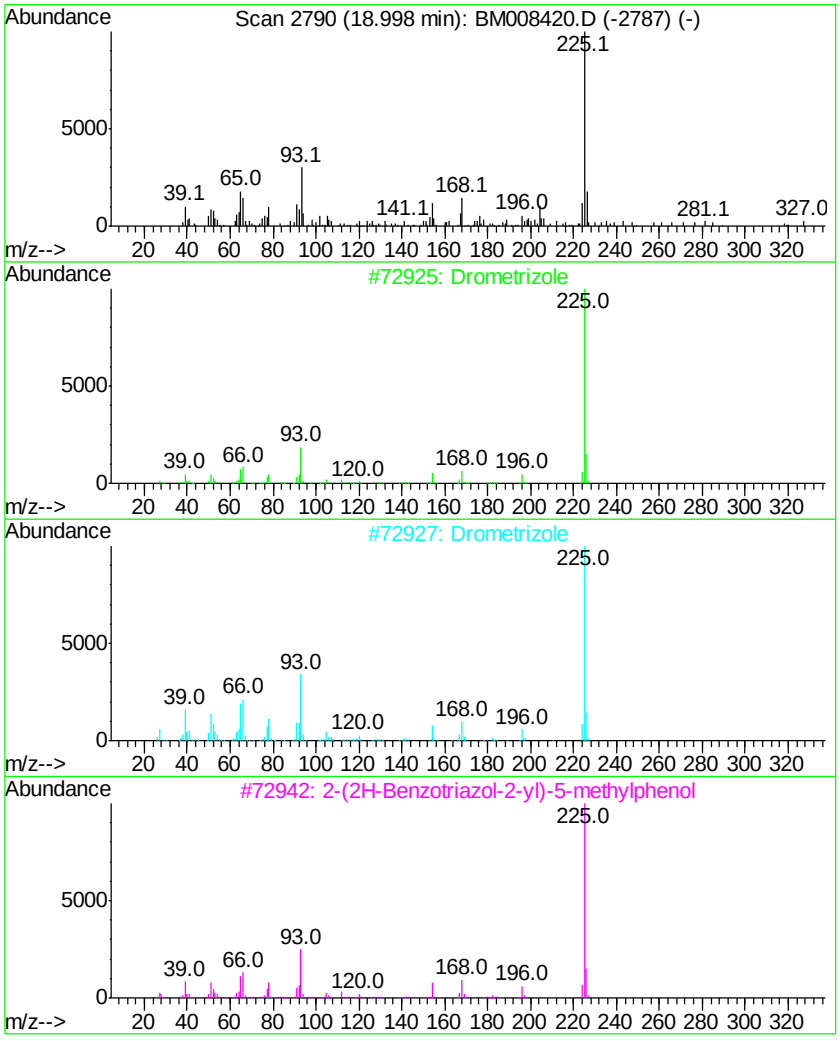
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

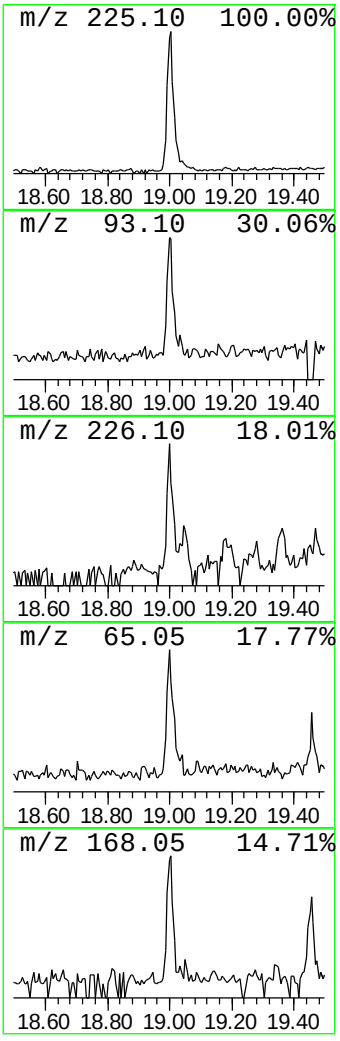
****

Peak Number 4 Drometrizole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	2.63 ng/ul	202086	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Drometrizole	225	C13H11N3O	002440-22-4	95
2	Drometrizole	225	C13H11N3O	002440-22-4	95
3	2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	92
4	Drometrizole	225	C13H11N3O	002440-22-4	91
5	Drometrizole	225	C13H11N3O	002440-22-4	89





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

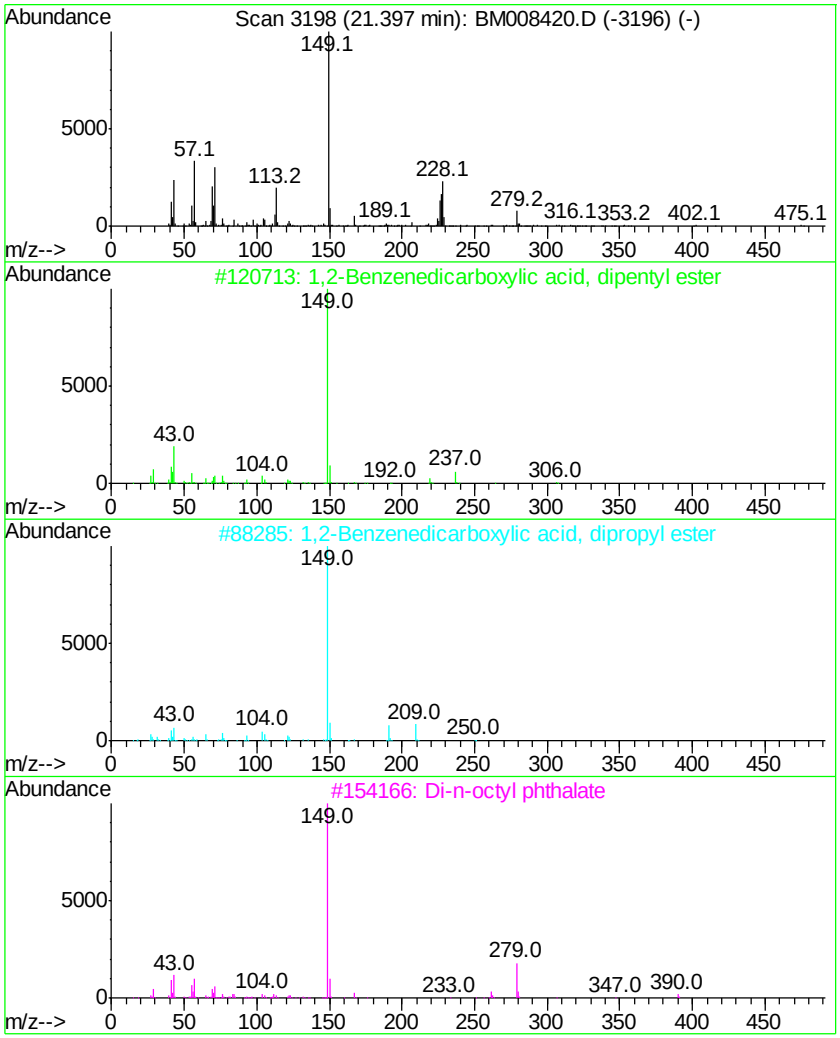
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

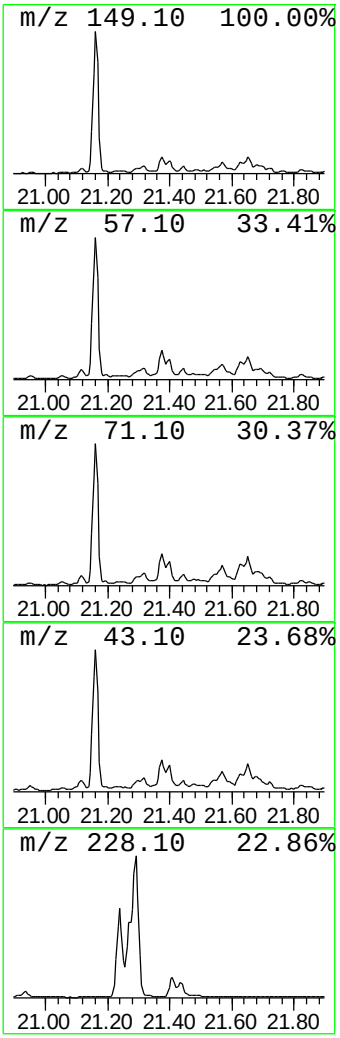
****

Peak Number 6 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	8.04 ng/ul	1535280	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	306	C18H26O4	000131-18-0	50
2	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	45
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	43
4	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	38
5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

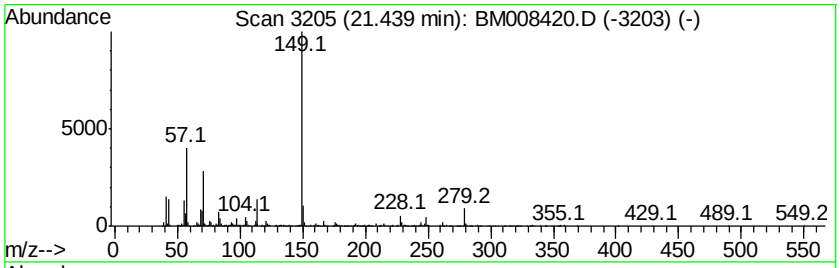
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

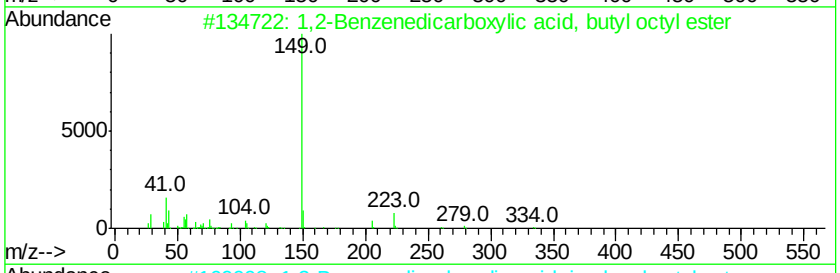
****

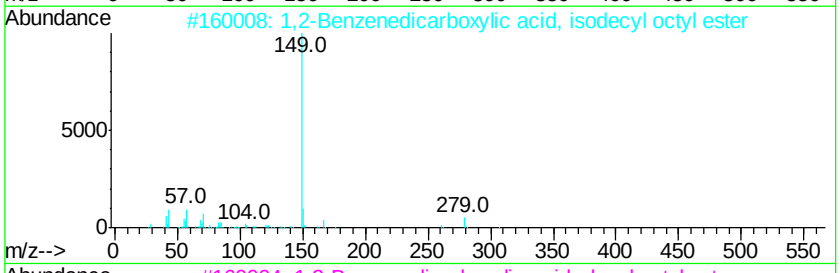
Peak Number 7 1,2-Benzenedicarboxylic aci... Concentration Rank 10

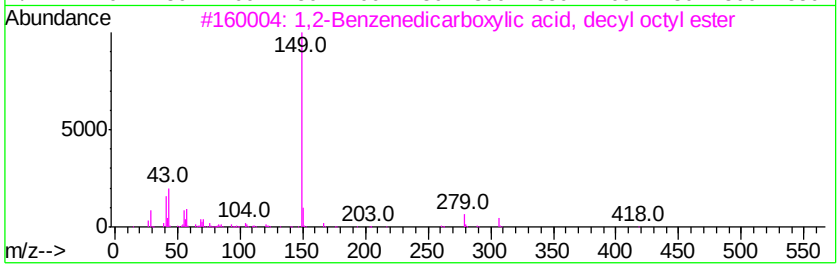
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.30 ng/ul	630650	Chrysene-d12	21.26

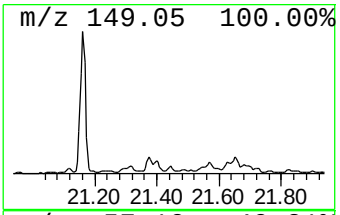
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	60
2	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	59
3	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	50
4	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	47
5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	47

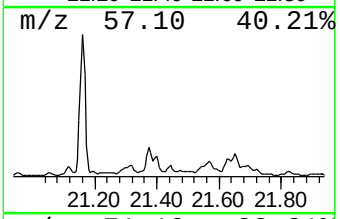


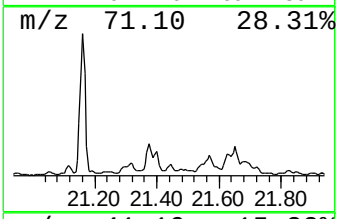


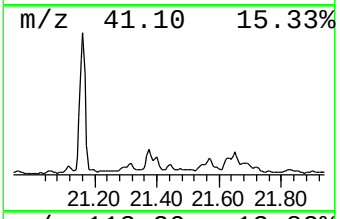


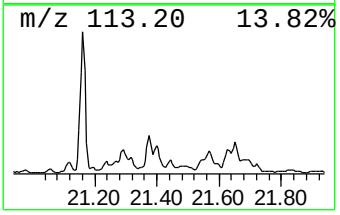












Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

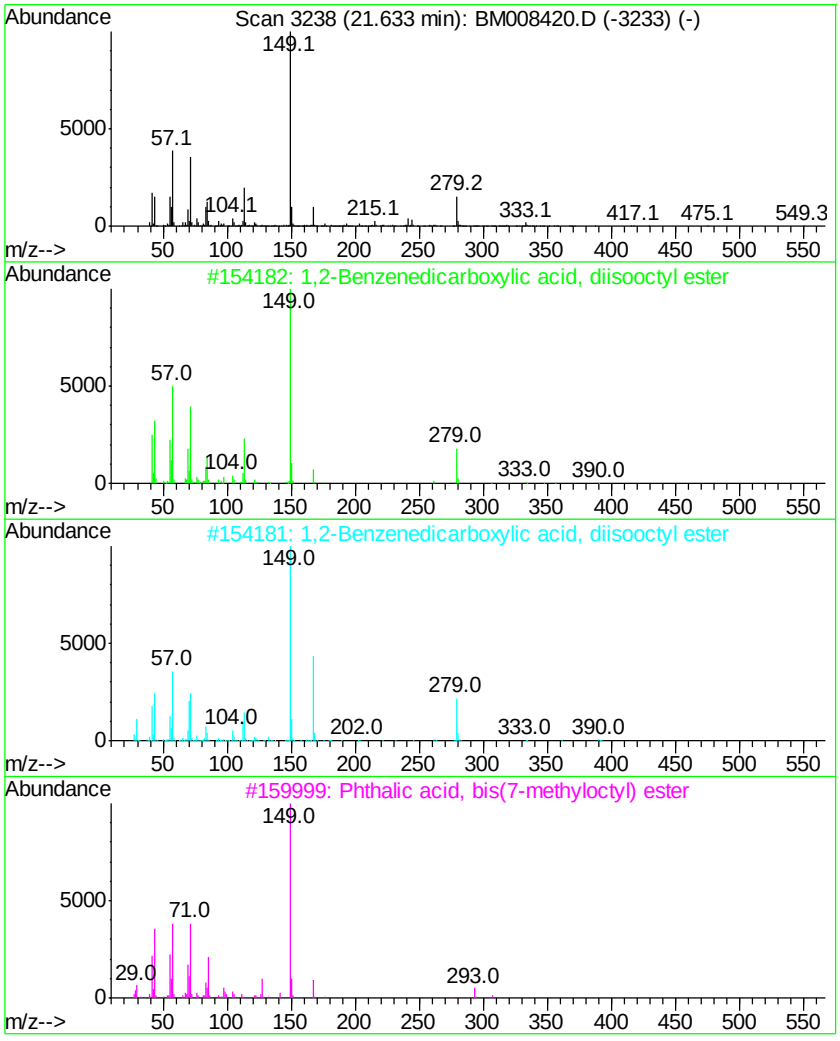
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

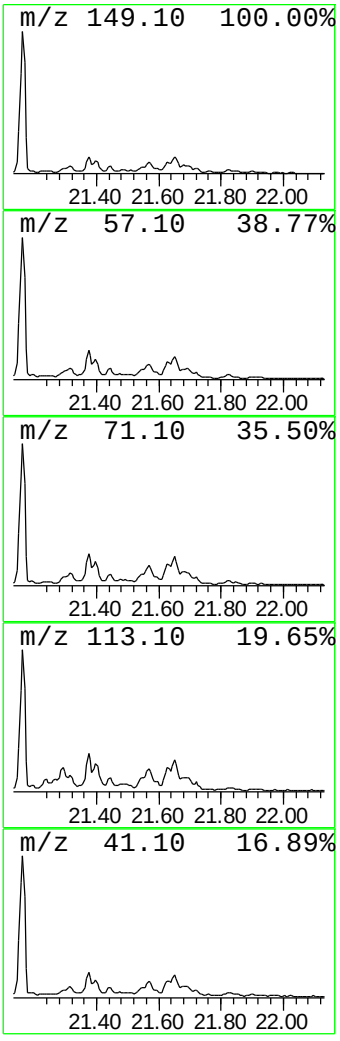
****

Peak Number 9 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	7.27 ng/ul	1389730	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	87
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	78
3	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	53
4	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	53
5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
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Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

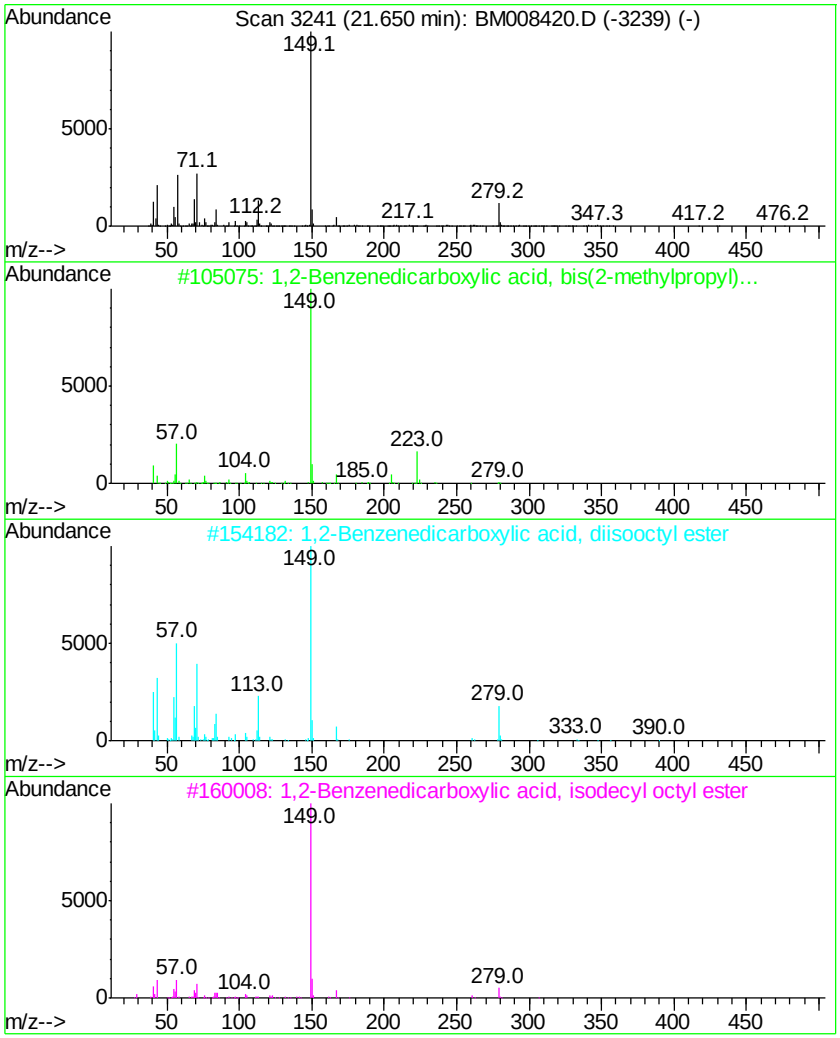
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

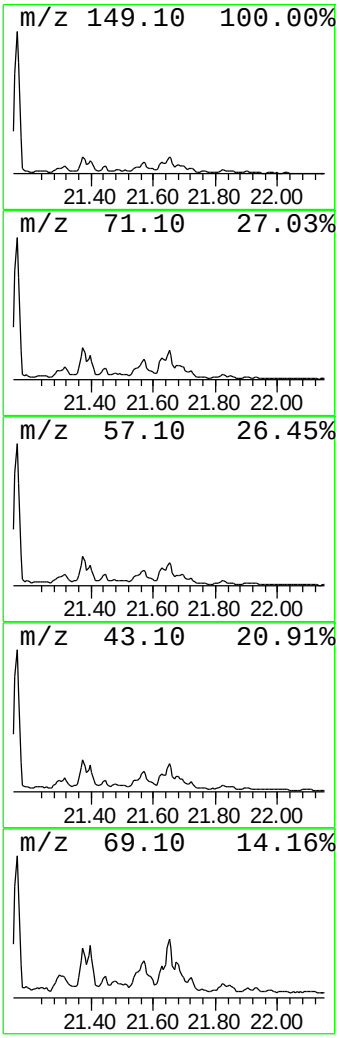
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	6.64 ng/ul	1267930	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	60
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	58
3	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	53
4	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	53
5	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

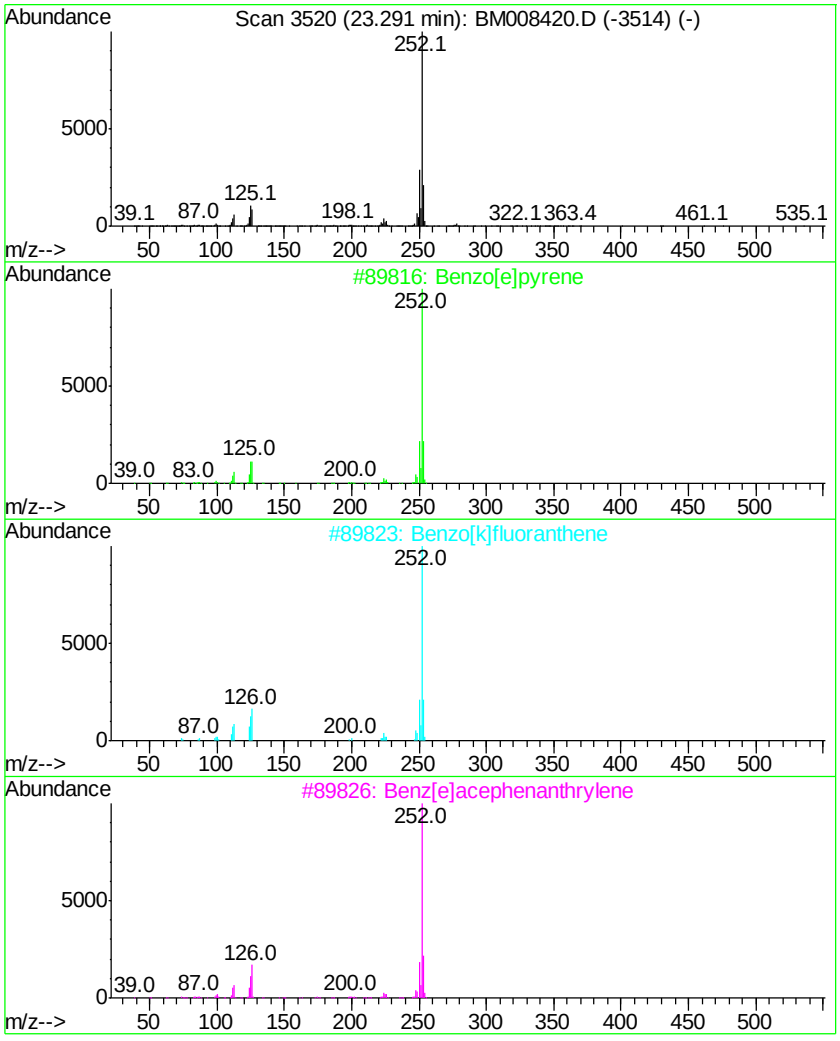
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

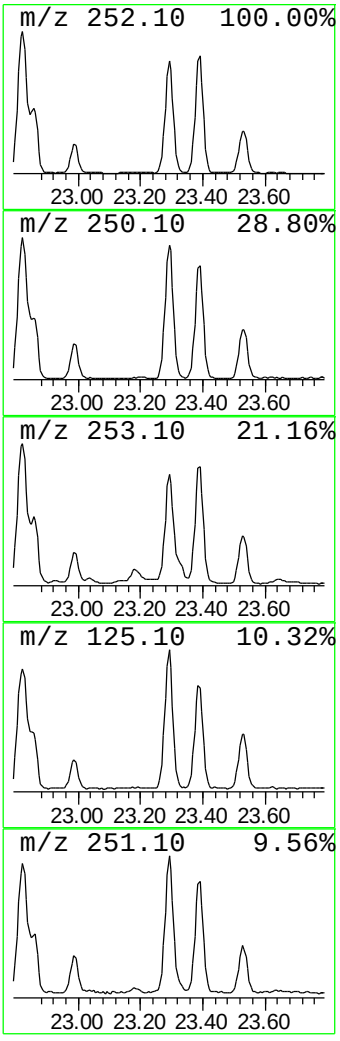
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	37.55 ng/ul	3853200	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	16.01	2.7	ng/ul	206615	4	17.06	1537690	20.0
n-Hexadecanoic acid	17.94	2.5	ng/ul	190845	4	17.06	1537690	20.0
Drometrizole	19.00	2.6	ng/ul	202086	4	17.06	1537690	20.0
1,2-Benzenedicarb...	21.40	8.0	ng/ul	1535280	5	21.26	3821390	20.0
1,2-Benzenedicarb...	21.44	3.3	ng/ul	630650	5	21.26	3821390	20.0
1,2-Benzenedicarb...	21.63	7.3	ng/ul	1389730	5	21.26	3821390	20.0
1,2-Benzenedicarb...	21.65	6.6	ng/ul	1267930	5	21.26	3821390	20.0
Benzo[e]pyrene	23.29	37.5	ng/ul	3853200	6	23.48	2052570	20.0