LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-21

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003460.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.663	297	302	316	rBV	56802	94312	2.09%	0.318%
2	5.146	378	384	411	rBV	951866	1690572	37.53%	5.700%
3	6.734	647	654	684	rBV	840933	1717005	38.12%	5.789%
4	7.528	782	789	800	rBV	384419	634878	14.09%	2.141%
5	8.681	977	985	1022	rBV	596230	1257452	27.92%	4.240%
6	10.304	1252	1261	1303	rBV	378668	920053	20.42%	3.102%
7	12.798	1678	1685	1713	rBV	1496171	2981456	66.19%	10.053%
8	13.651	1824	1830	1854	rBV	98863	225757	5.01%	0.761%
9	13.910	1866	1874	1887	rBV	30469	60997	1.35%	0.206%
10	14.186	1914	1921	1942	rBV	672572	1225458	27.20%	4.132%
11	15.692	2169	2177	2206	rBV	898959	1933048	42.91%	6.518%
12	16.945	2384	2390	2394	rBV	902317	1416961	31.46%	4.778%
13	16.986	2394	2397	2405	rVV	276551	447657	9.94%	1.509%
14	17.086	2409	2414	2420	rVB	36480	64570	1.43%	0.218%
15	17.368	2458	2462	2474	rBV	24808	45889	1.02%	0.155%
16	17.827	2535	2540	2544	rBV	32686	49017	1.09%	0.165%
17	17.874	2544	2548	2554	rVB	47654	69409	1.54%	0.234%
18	18.015	2566	2572	2575	rBV3	55749	86936	1.93%	0.293%
19	18.862	2711	2716	2723	rBV2	27998	49795	1.11%	0.168%
20	18.974	2729	2735	2742	rBV	600458	813900	18.07%	2.744%
21	19.321	2786	2794	2804	rBV	475976	768844	17.07%	2.592%
22	19.527	2821	2829	2844	rBV	3622780	4504553	100.00%	15.189%
23	19.651	2844	2850	2856	rVV3	36668	87982	1.95%	0.297%
24	19.786	2867	2873	2874	rBV4	30418	52036	1.16%	0.175%
25	19.815	2874	2878	2881	rVB2	60911	82975	1.84%	0.280%
26	19.968	2899	2904	2910	rVV2	45986	72421	1.61%	0.244%
27	20.551	3000	3003	3007	rVB	65109	72696	1.61%	0.245%
28	20.704	3025	3029	3032	rBV	63373	95350	2.12%	0.322%
29	20.739	3032	3035	3037	rVV2	70735	86762	1.93%	0.293%
30	20.774	3037	3041	3047	rVV3	514945	822119	18.25%	2.772%
31	20.833	3047	3051	3060	rVB2	188335	336549	7.47%	1.135%
32	21.045	3081	3087	3091	rBV2	1499175	2251876	49.99%	7.593%
33	21.086	3091	3094	3103	rVB	291045	397253	8.82%	1.339%
34	21.204	3111	3114	3117	rBV2	56858	72274	1.60%	0.244%
35	21.362	3137	3141	3146	rVB2	48677	75983	1.69%	0.256%
36	21.651	3183	3190	3195	rBV6	81685	246195	5.47%	0.830%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-21

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_P\METHODS\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.068	3258	3261	3266	rBV3	57595	88913	1.97%	0.300%
38	22.580	3342	3348	3353	rBV	324510	744483	16.53%	2.510%
39	22.751	3374	3377	3382	rVB2	50261	73946	1.64%	0.249%
40	23.045	3422	3427	3435	rVB	168378	300840	6.68%	1.014%
41	23.139	3437	3443	3451	rBV	223573	410464	9.11%	1.384%
42	23.233	3452	3459	3465	rBV2	970497	1813961	40.27%	6.116%
43	23.845	3560	3563	3577	rVB5	61127	149057	3.31%	0.503%
44	25.450	3832	3836	3851	rVB3	101162	264648	5.88%	0.892%

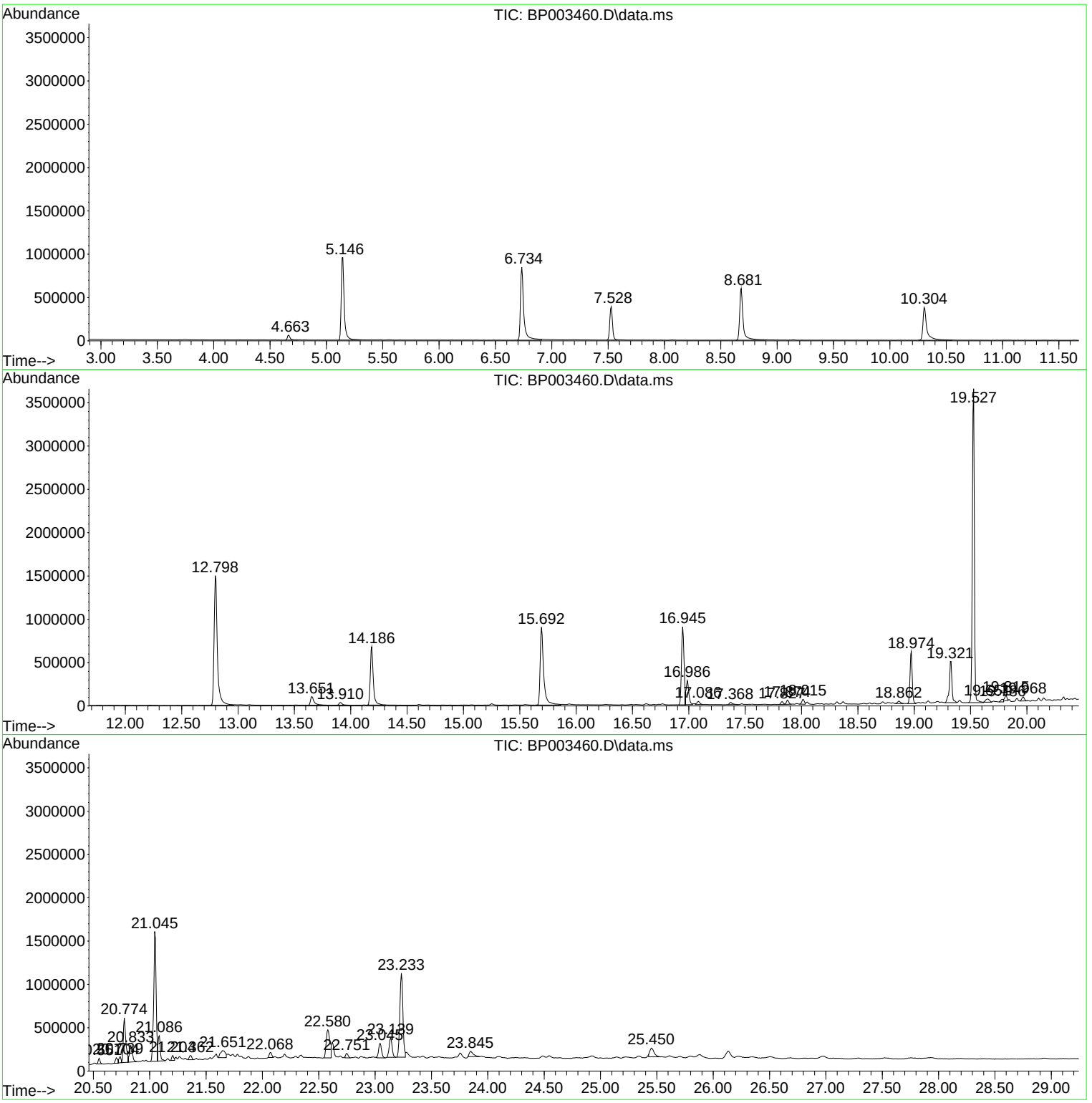
Sum of corrected areas: 29657302

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-21

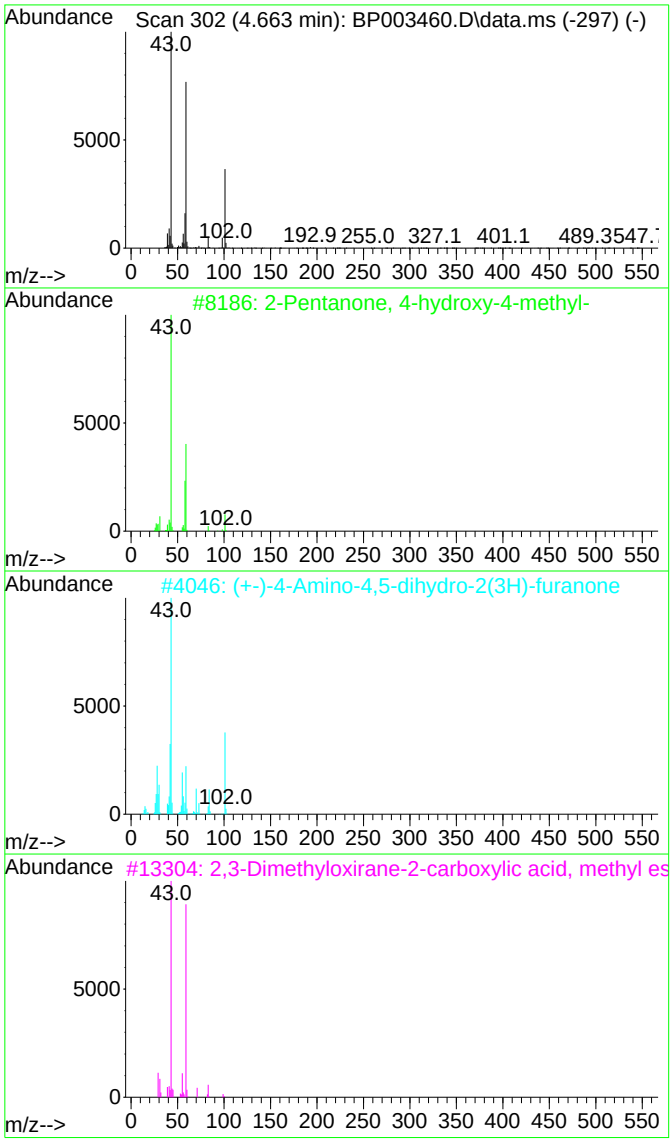
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

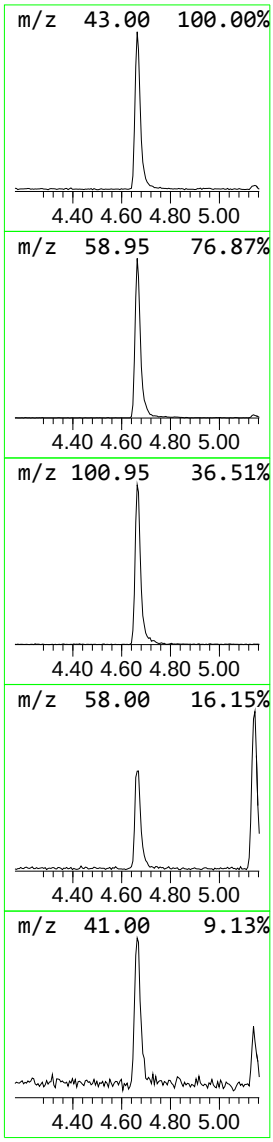
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.663	2.97 ng	94312	1,4-Dichlorobenzene-d4	7.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	36
4	Tetraglyme	222	C10H22O5	000143-24-8	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

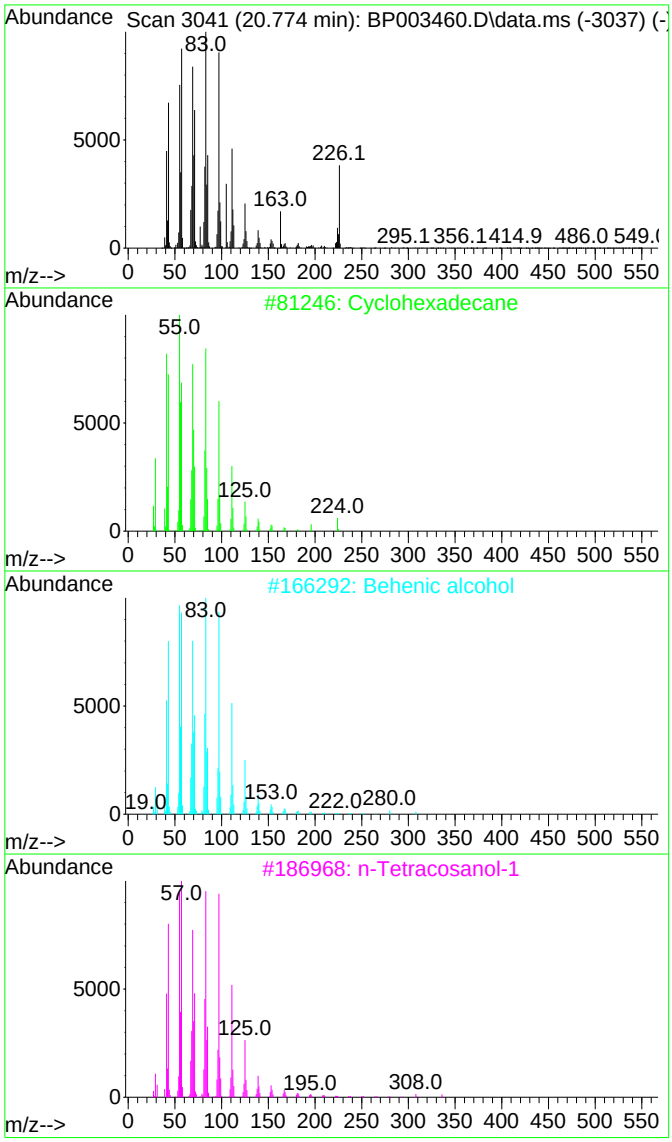
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

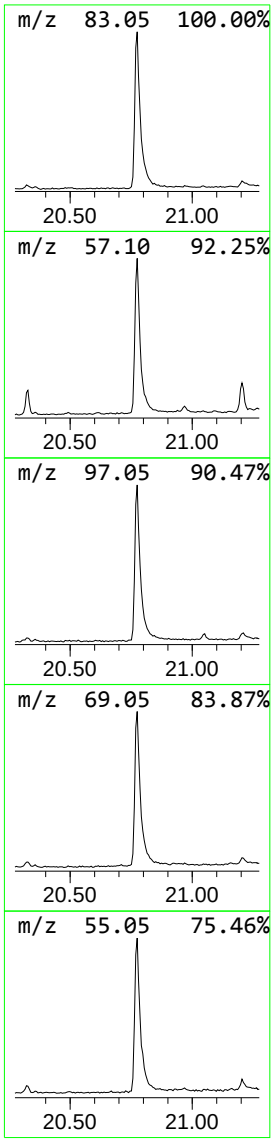
****

Peak Number 2 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.774	7.30 ng	822119	Chrysene-d12	21.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-21

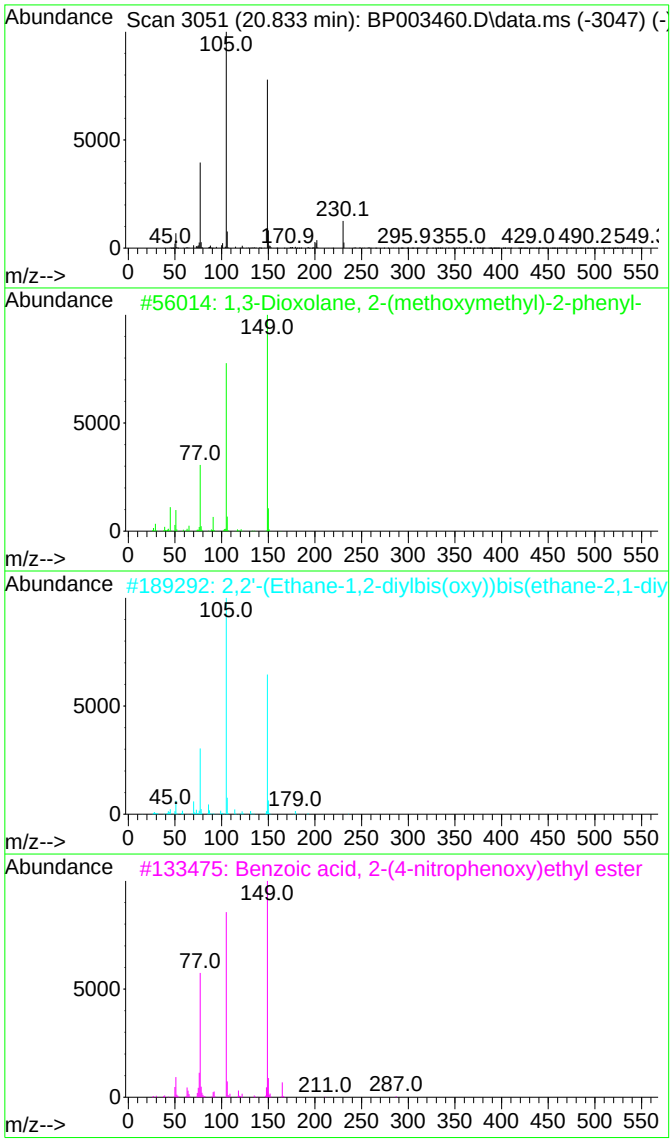
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

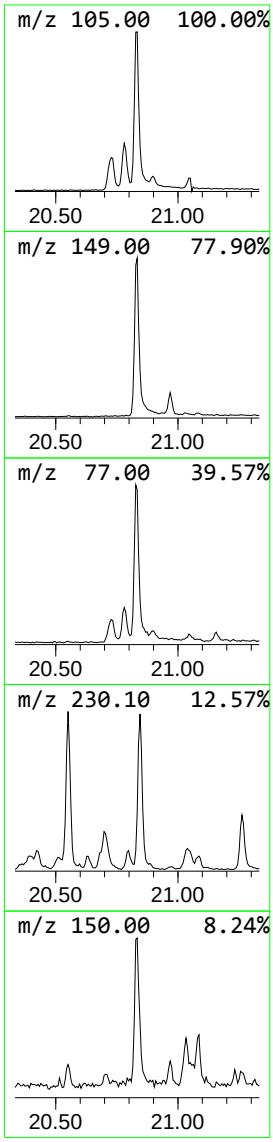
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.833	2.99 ng	336549	Chrysene-d12	21.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	72
3	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	64
4	2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	59
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

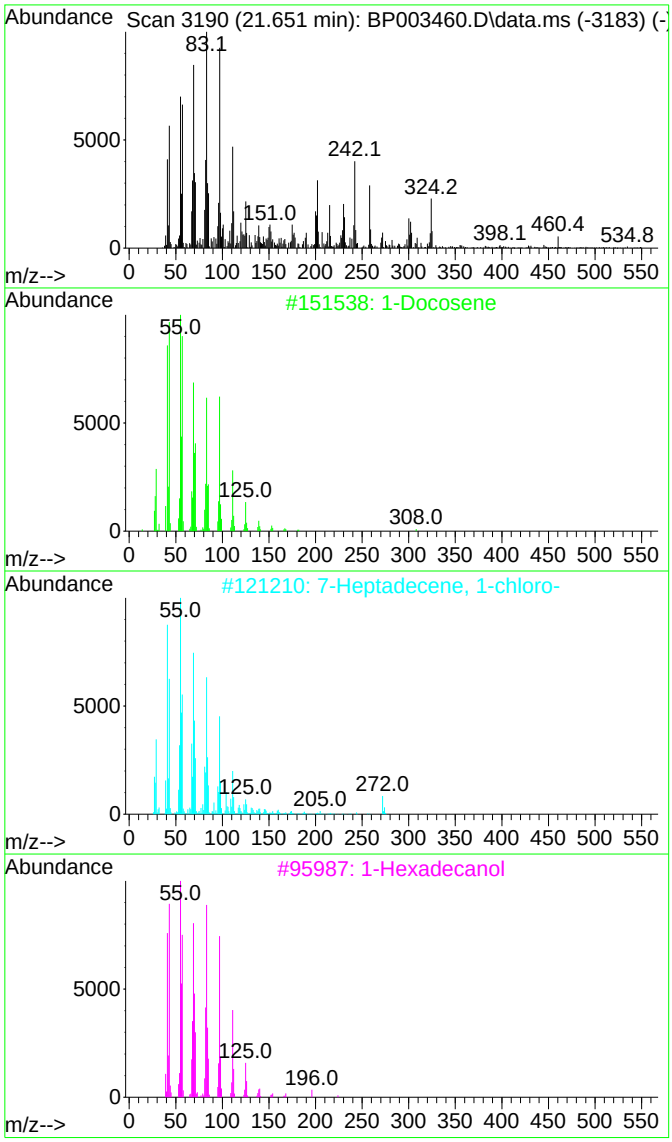
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

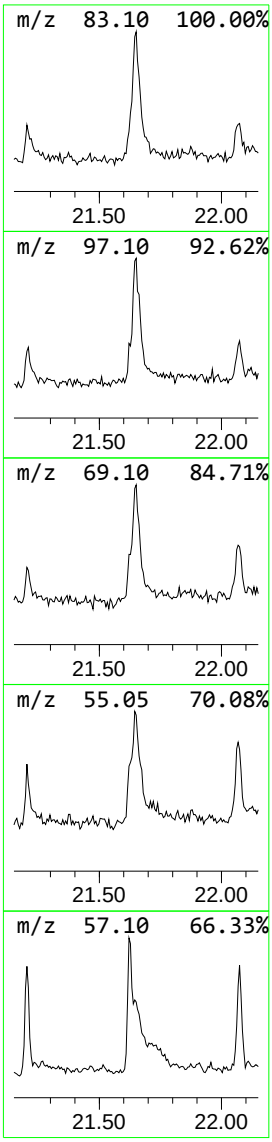
****

Peak Number 4 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.651	2.19 ng	246195	Chrysene-d12	21.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	87
2	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	70
3	1-Hexadecanol	242	C16H34O	036653-82-4	62
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	58
5	1-Eicosene	280	C20H40	003452-07-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

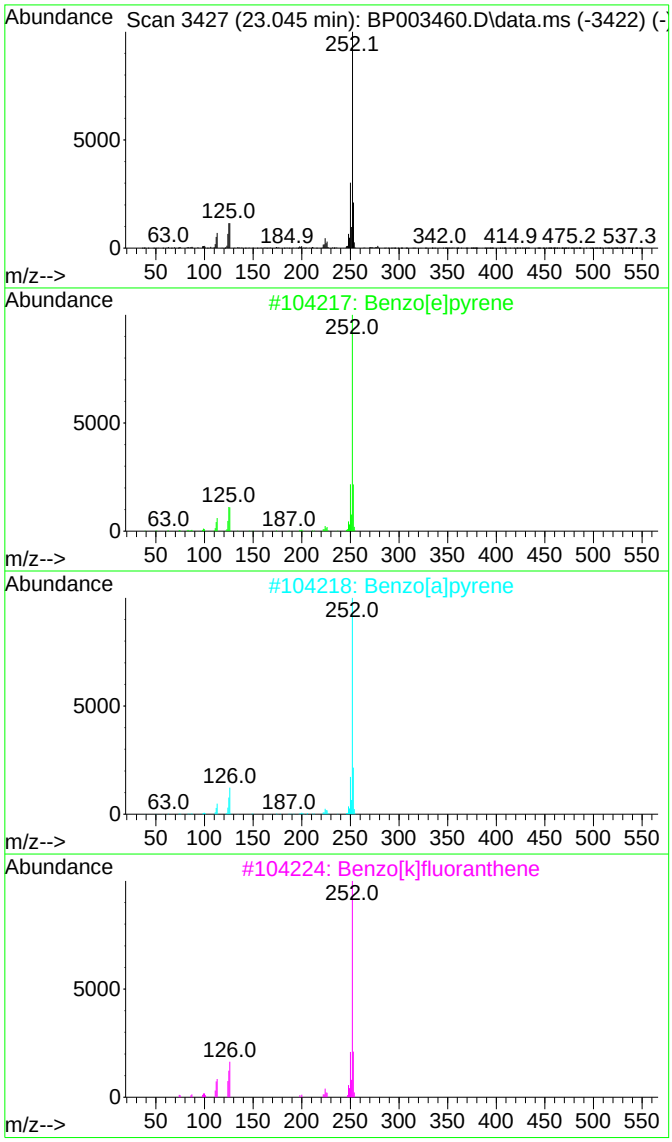
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

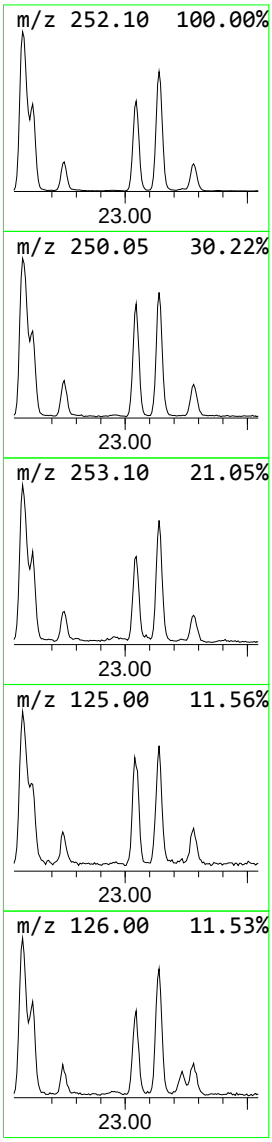
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.045	3.32 ng	300840	Perylene-d12	23.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003460.D
Acq On : 02 Oct 2020 15:15
Operator : CG/JU
Sample : L4198-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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-...	4.663	3.0	ng	94312	1	7.528	634878	20.0
Cyclohexadecane	20.774	7.3	ng	822119	5	21.045	2251880	20.0
1,3-Dioxolane, ...	20.833	3.0	ng	336549	5	21.045	2251880	20.0
1-Docosene	21.651	2.2	ng	246195	5	21.045	2251880	20.0
Benzo[e]pyrene	23.045	3.3	ng	300840	6	23.233	1813960	20.0