LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-365

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\8270E-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.281	365	373	386	rBV	233352	341063	38.01%	5.501%
2	6.887	639	646	659	rBV	185290	309363	34.48%	4.990%
3	7.687	774	782	790	rBV	60381	96314	10.73%	1.554%
4	8.852	973	980	997	rBV	127629	224831	25.06%	3.626%
5	10.475	1250	1256	1274	rVB	60408	107066	11.93%	1.727%
6	12.957	1671	1678	1691	rBV	364724	523720	58.37%	8.447%
7	13.240	1720	1726	1733	rBV3	14784	24286	2.71%	0.392%
8	13.810	1817	1823	1831	rBV	28688	46817	5.22%	0.755%
9	14.057	1860	1865	1874	rVB2	9485	15754	1.76%	0.254%
10	14.340	1907	1913	1920	rBV	81590	126969	14.15%	2.048%
11	15.469	2098	2105	2111	rBV4	8516	14084	1.57%	0.227%
12	15.840	2161	2168	2181	rBV	315859	488785	54.47%	7.884%
13	17.092	2375	2381	2385	rBV	119261	164417	18.32%	2.652%
14	17.134	2385	2388	2393	rVB	26892	38413	4.28%	0.620%
15	17.228	2399	2404	2410	rVB2	12427	18601	2.07%	0.300%
16	17.992	2531	2534	2543	rVB6	30408	51101	5.70%	0.824%
17	18.151	2556	2561	2566	rBV4	10190	19384	2.16%	0.313%
18	18.345	2590	2594	2602	rVB9	10045	17924	2.00%	0.289%
19	18.504	2617	2621	2627	rBV5	10184	14087	1.57%	0.227%
20	18.998	2701	2705	2710	rBV4	7895	13890	1.55%	0.224%
21	19.110	2719	2724	2732	rVB	116024	157257	17.53%	2.536%
22	19.257	2738	2749	2755	rBV4	15716	45536	5.07%	0.734%
23	19.439	2776	2780	2781	rVV	15632	20541	2.29%	0.331%
24	19.463	2781	2784	2793	rVB	92864	133762	14.91%	2.158%
25	19.539	2794	2797	2801	rBV5	8309	11291	1.26%	0.182%
26	19.669	2813	2819	2824	rBV	753098	897273	100.00%	14.473%
27	19.780	2835	2838	2845	rVB3	11713	22596	2.52%	0.364%
28	19.916	2856	2861	2863	rBV3	17142	27680	3.08%	0.446%
29	19.951	2865	2867	2873	rVB	25977	29161	3.25%	0.470%
30	20.051	2881	2884	2887	rBV	10923	11721	1.31%	0.189%
31	20.245	2914	2917	2920	rVB	18860	25264	2.82%	0.407%
32	20.686	2989	2992	2998	rBV	22396	31467	3.51%	0.508%
33	20.845	3016	3019	3022	rBV2	21451	27346	3.05%	0.441%
34	20.880	3022	3025	3027	rVV2	23059	32692	3.64%	0.527%
35	20.910	3027	3030	3038	rVV3	53055	104503	11.65%	1.686%
36	20.980	3038	3042	3050	rVB2	41629	62636	6.98%	1.010%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-365

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\8270E-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.104	3060	3063	3068	rVB	44239	47783	5.33%	0.771%
38	21.192	3071	3078	3082	rVV2	262366	492086	54.84%	7.937%
39	21.227	3082	3084	3094	rVB	123350	161548	18.00%	2.606%
40	21.339	3101	3103	3106	rBV2	16570	19317	2.15%	0.312%
41	21.745	3170	3172	3175	rVB2	27039	28184	3.14%	0.455%
42	21.804	3179	3182	3188	rVB4	29204	45596	5.08%	0.735%
43	22.804	3345	3352	3357	rBV	177305	419080	46.71%	6.760%
44	22.974	3379	3381	3388	rVB	29258	43057	4.80%	0.694%
45	23.298	3431	3436	3444	rVB	96124	169016	18.84%	2.726%
46	23.398	3448	3453	3462	rVB	110538	206268	22.99%	3.327%
47	23.504	3465	3471	3476	rBV2	145212	270272	30.12%	4.359%

Sum of corrected areas: 6199802

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
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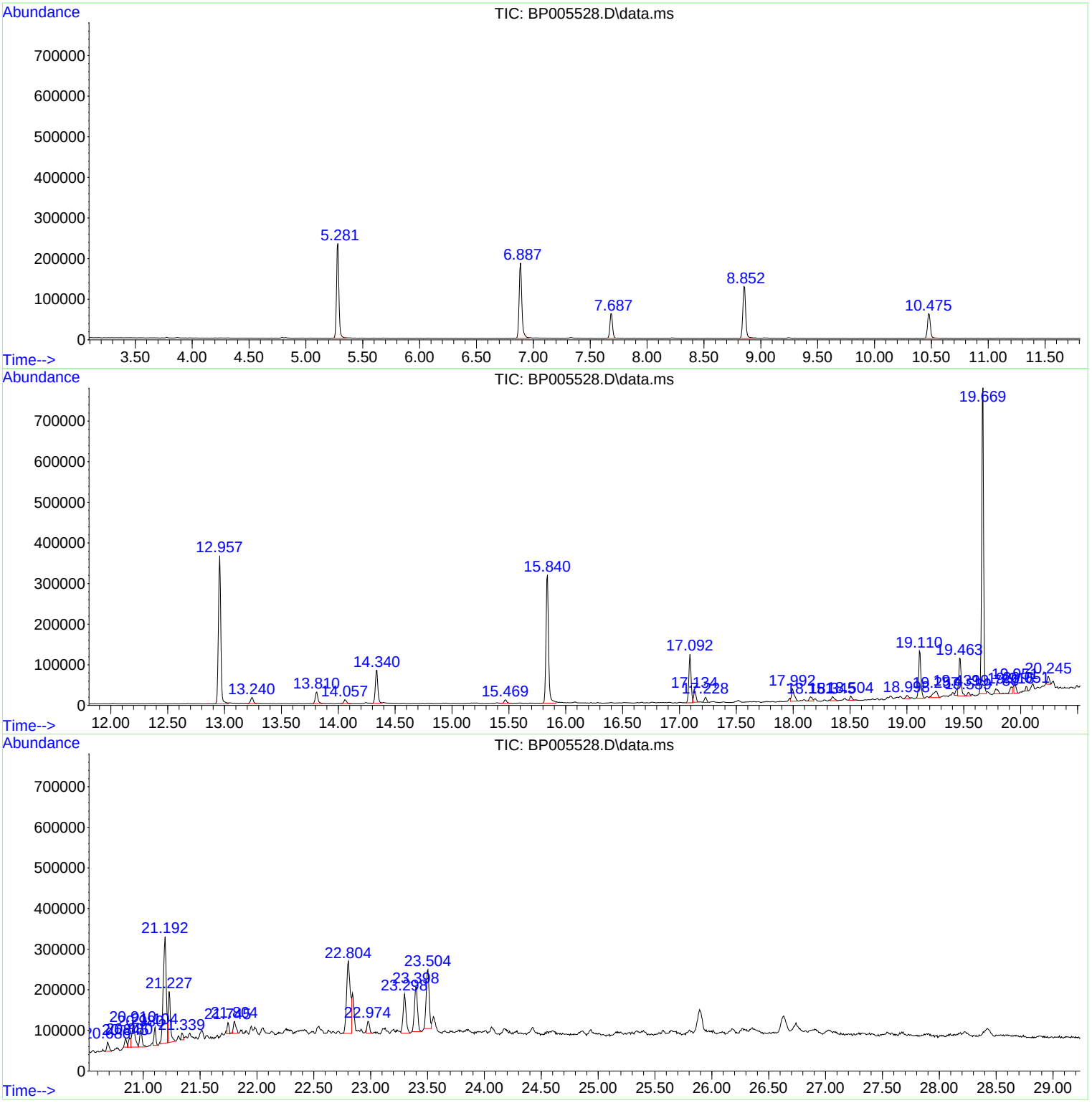
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

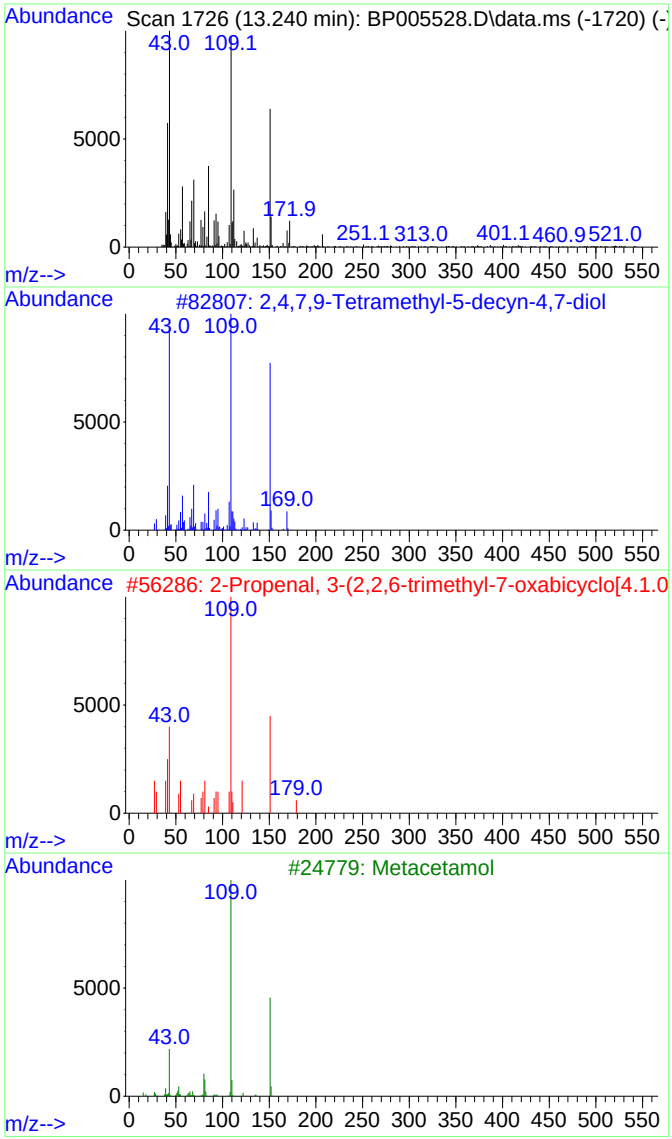
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

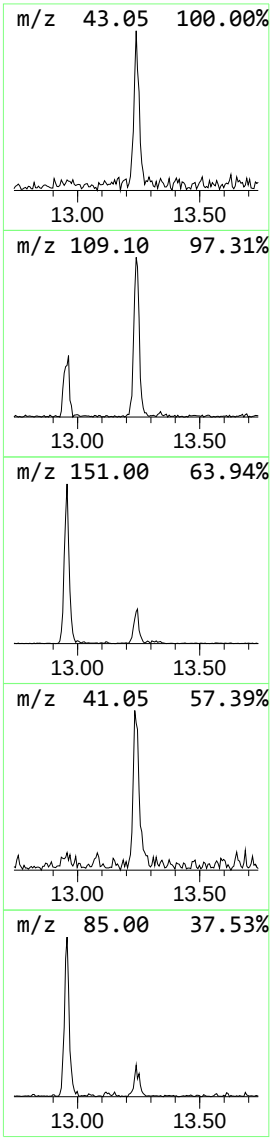
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.240	3.83 ng	24286	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	52
3	Metacetamol	151	C8H9NO2	000621-42-1	50
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
5	1H-1,2,3,4-Tetrazole-1,5-diamine...	208	C8H9FN6	1000351-63-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

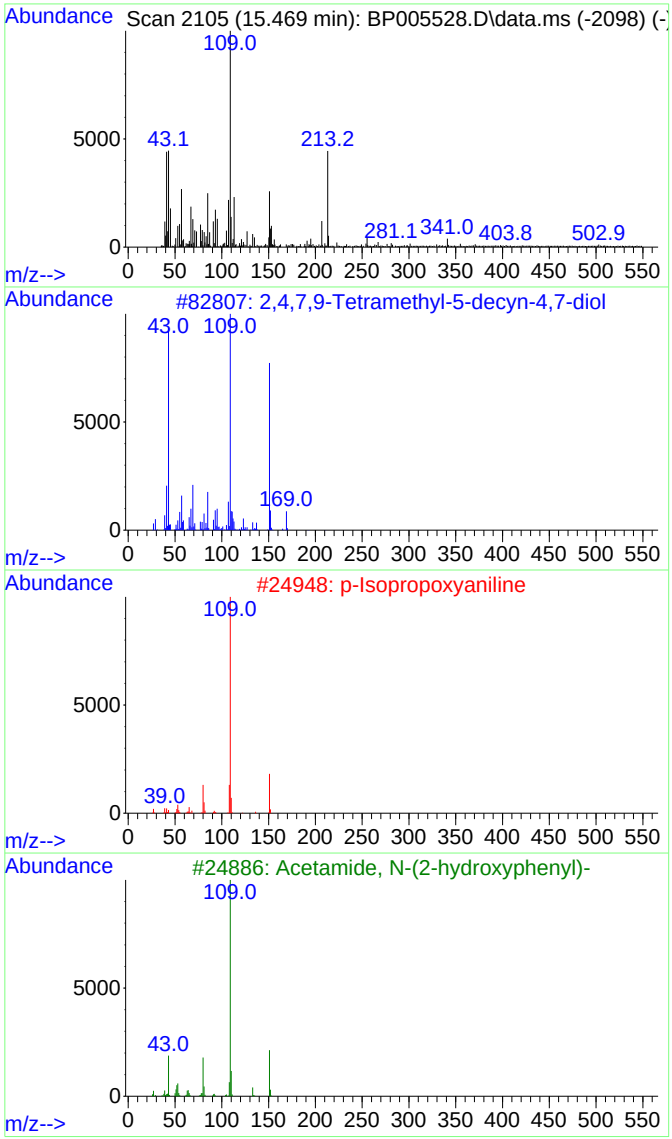
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

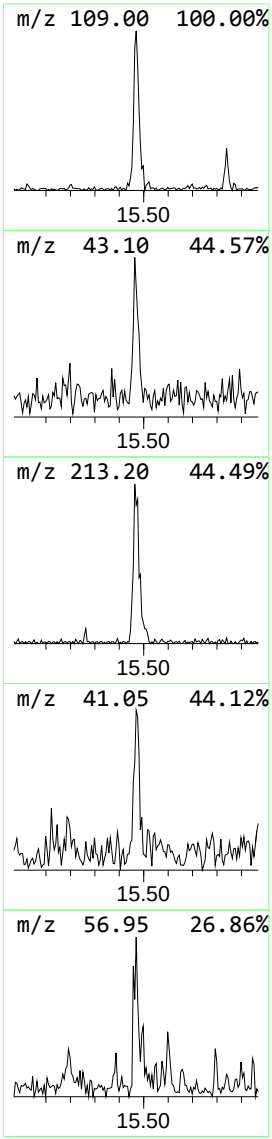
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown15.469 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.469	2.22 ng	14084	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	38
3	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	38
4	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	38
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

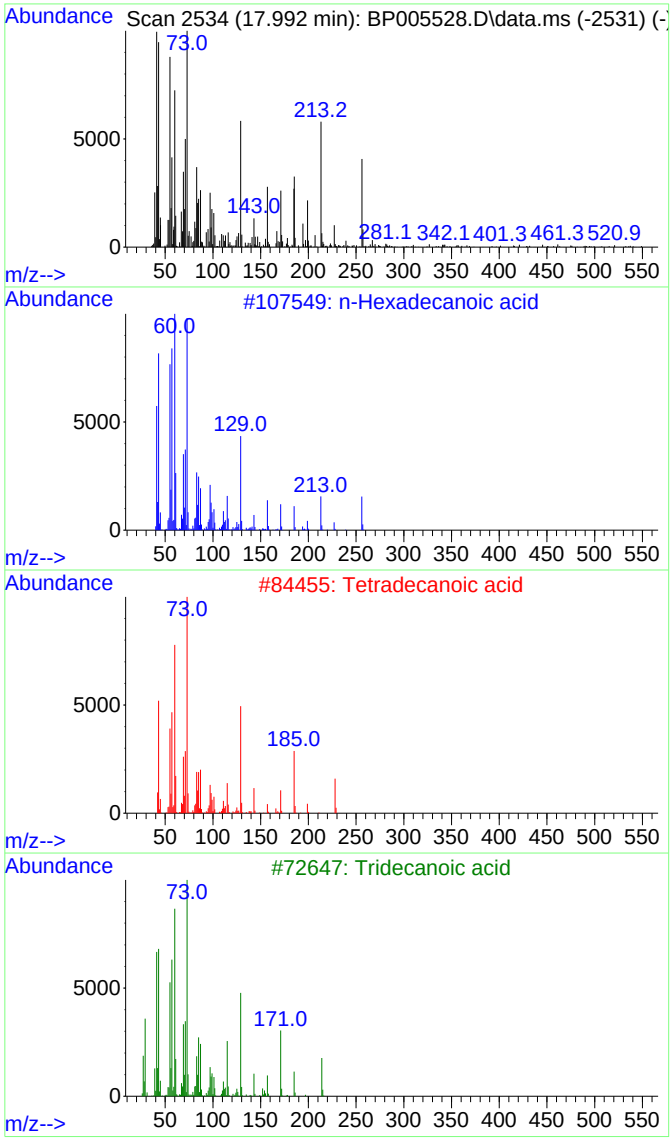
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

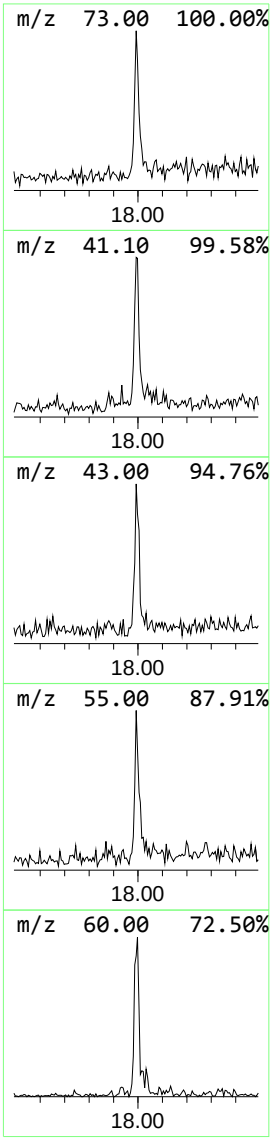
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	6.22 ng	51101	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
3	Tridecanoic acid	214	C13H26O2	000638-53-9	30
4	Dodecanoic acid	200	C12H24O2	000143-07-7	27
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

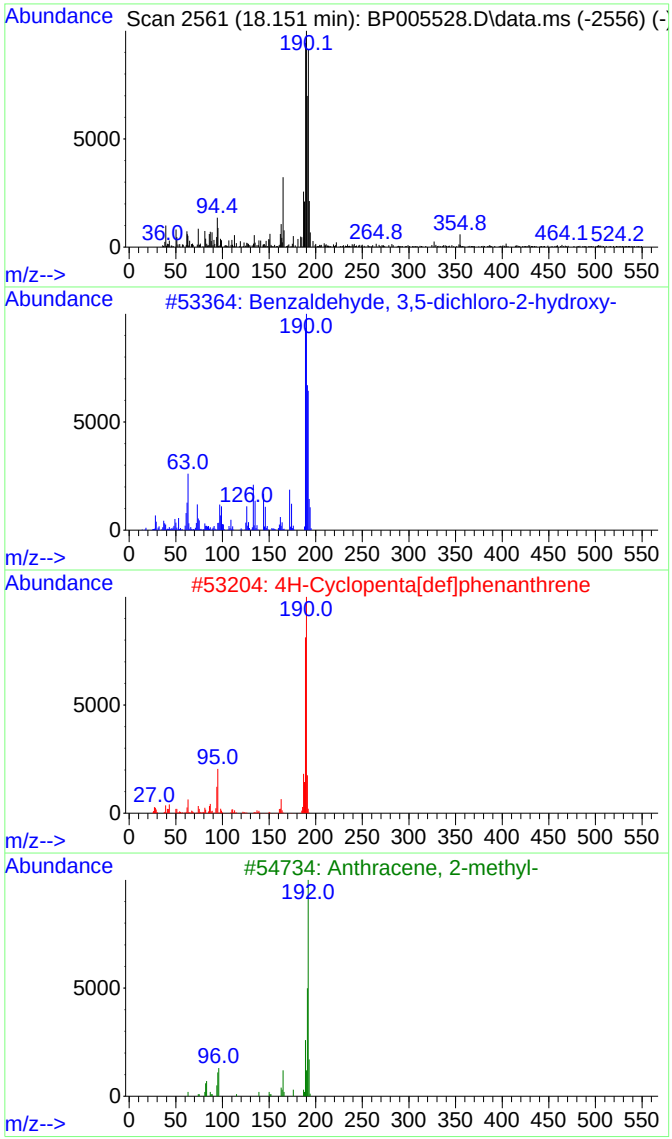
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

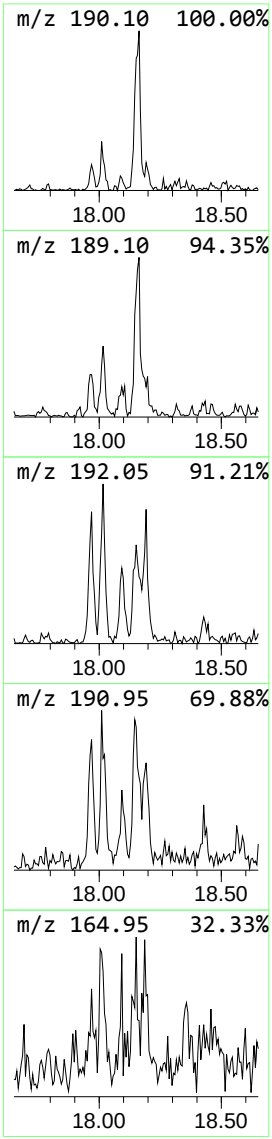
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	2.36 ng	19384	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

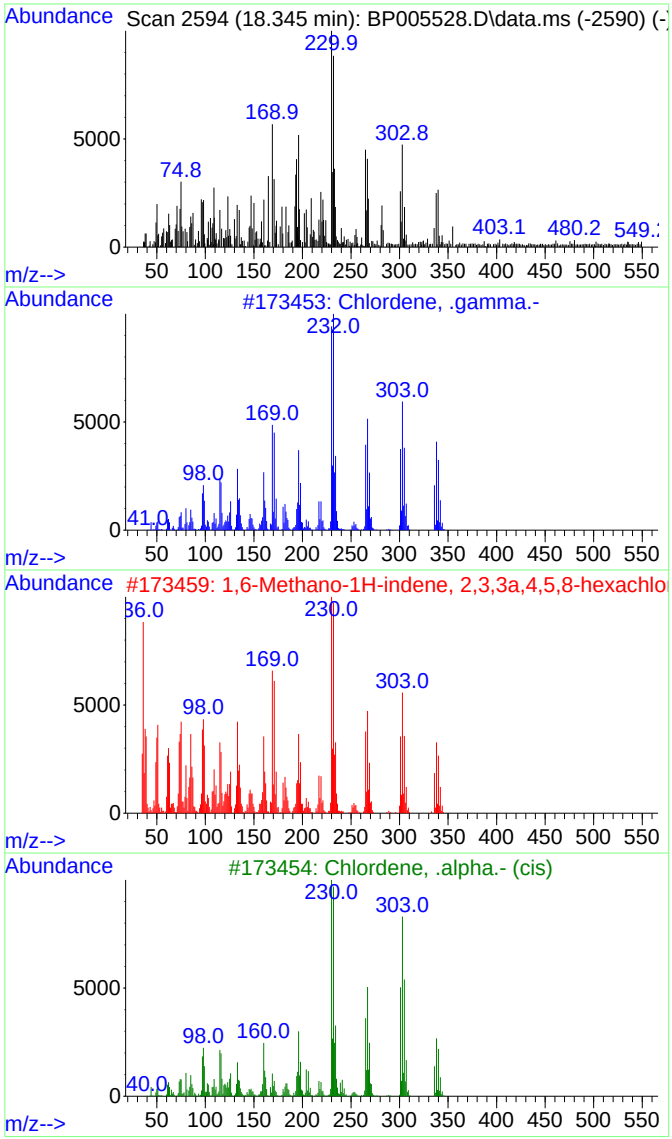
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

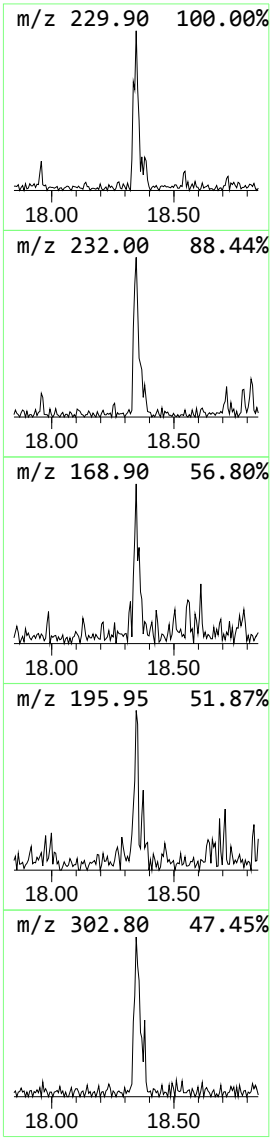
****

Peak Number 5 Chlordene, .gamma.- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	2.18 ng	17924	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	81
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	069743-73-3	74
3	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	64
4	Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	27
5	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

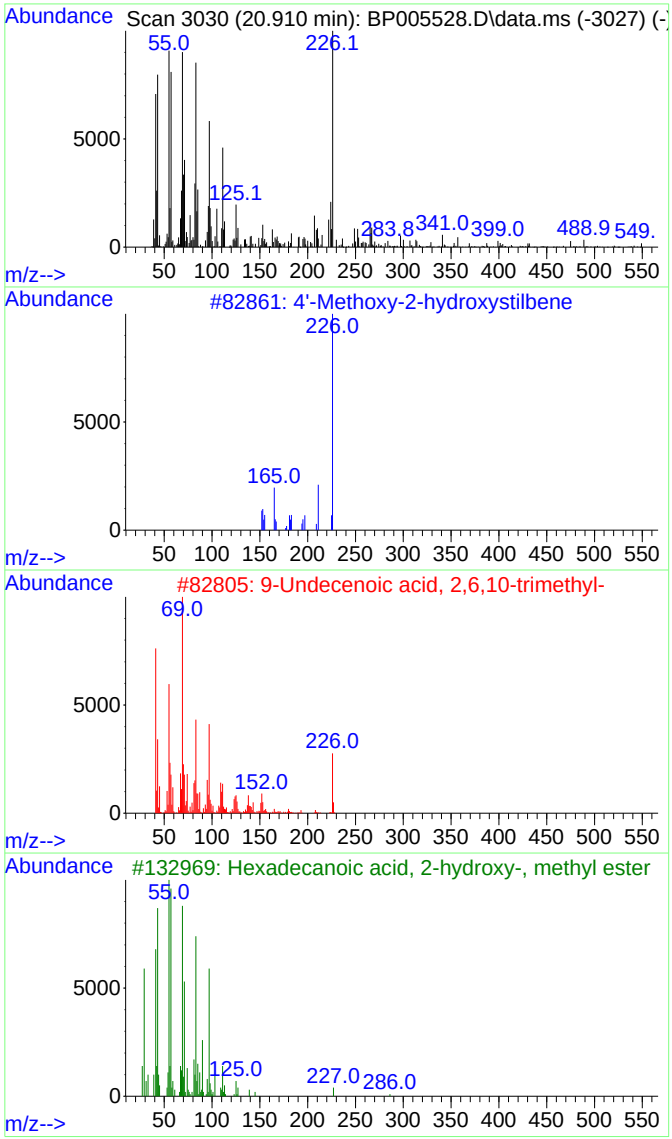
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

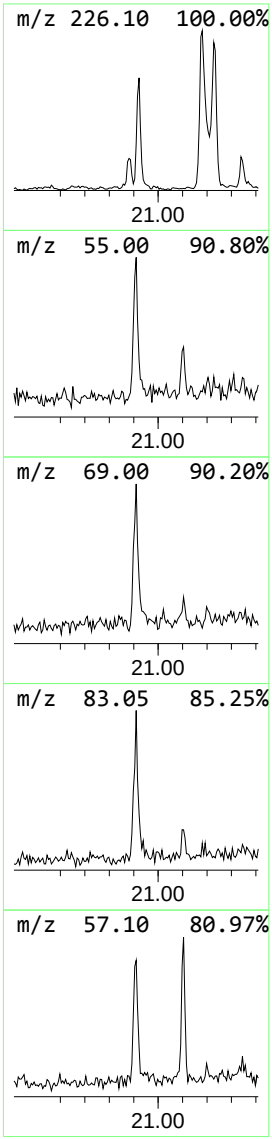
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4'-Methoxy-2-hydroxystilbene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	4.25 ng	104503	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	50
2	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	40
3	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	38
4	Cyclohexadecane	224	C16H32	000295-65-8	27
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	25





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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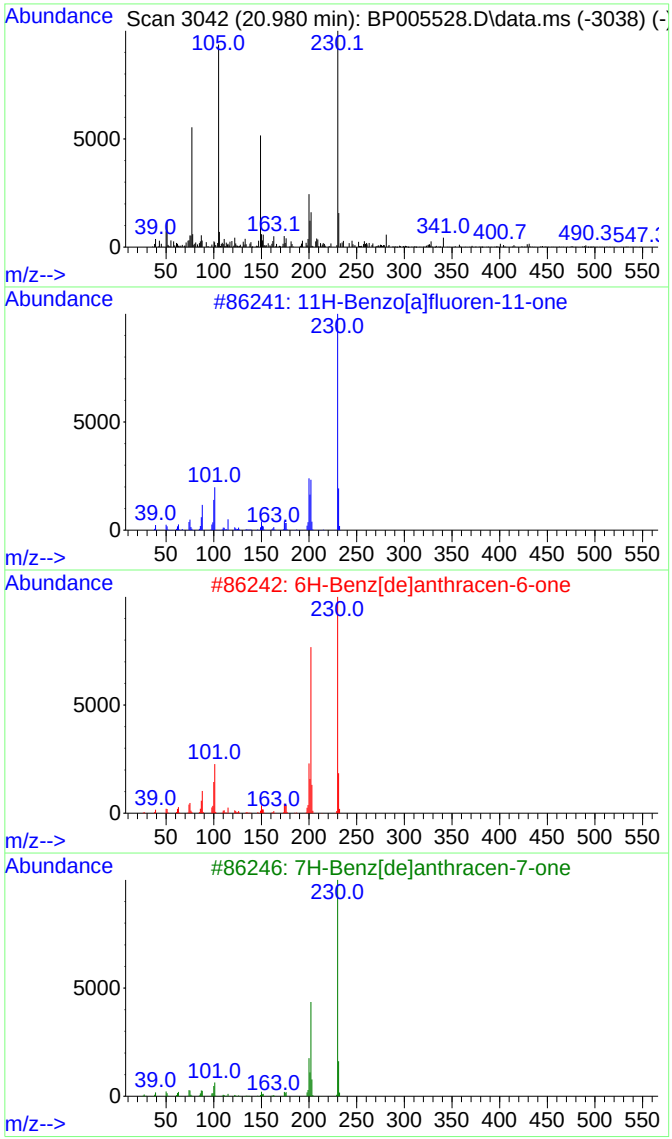
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

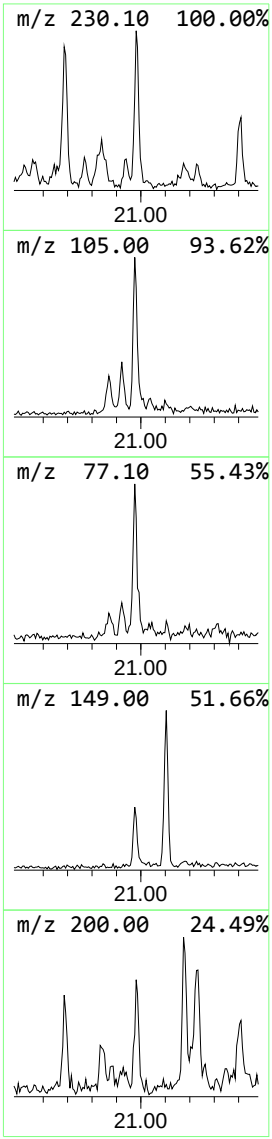
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	2.55 ng	62636	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	50
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	43
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	35
4	p-Terphenyl	230	C18H14	000092-94-4	30
5	Visnagin	230	C13H10O4	000082-57-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

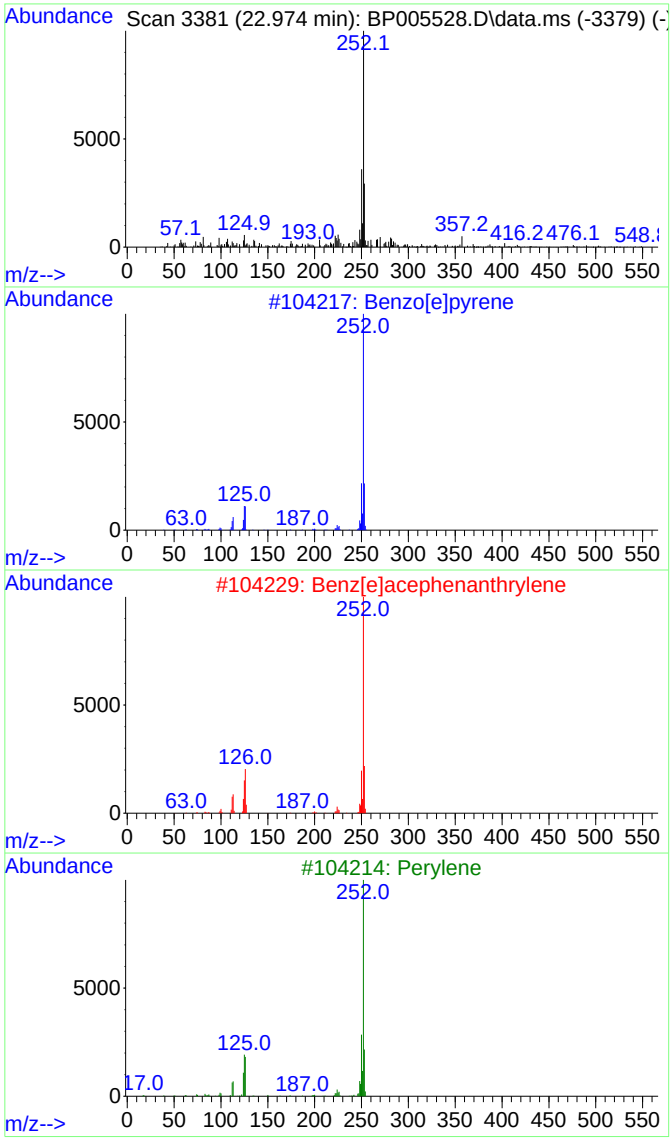
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

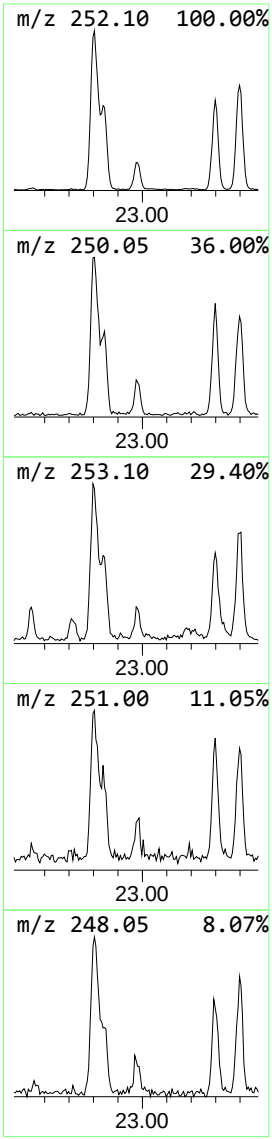
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.974	3.19 ng	43057	Perylene-d12	23.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	76
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68
3	Perylene	252	C20H12	000198-55-0	68
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	64
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-365

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

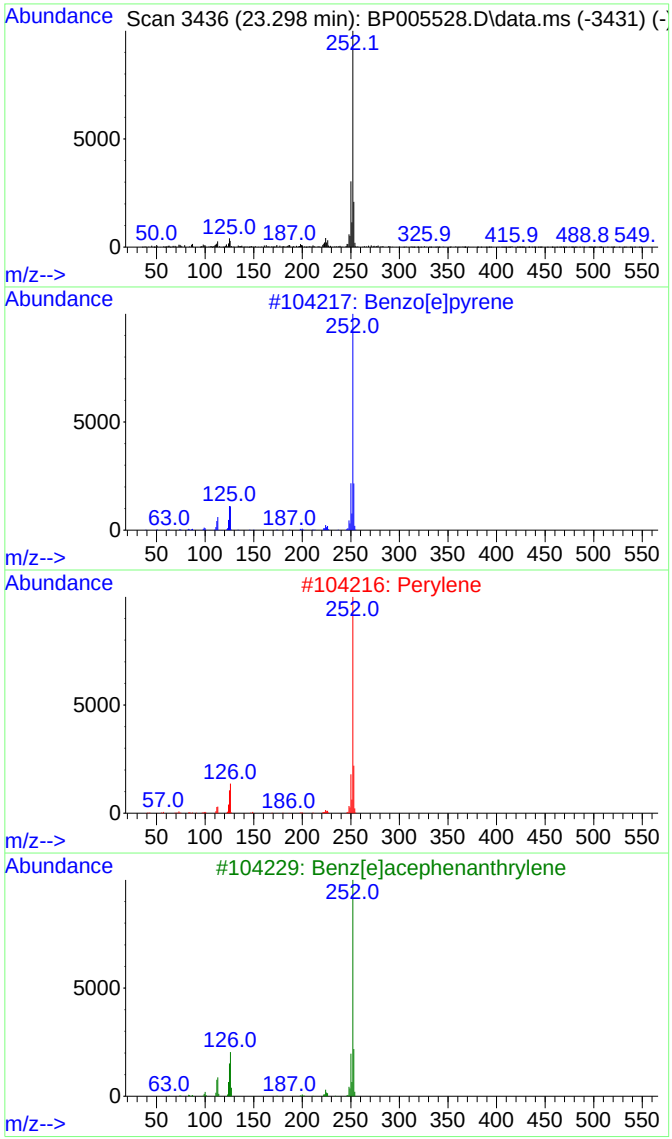
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

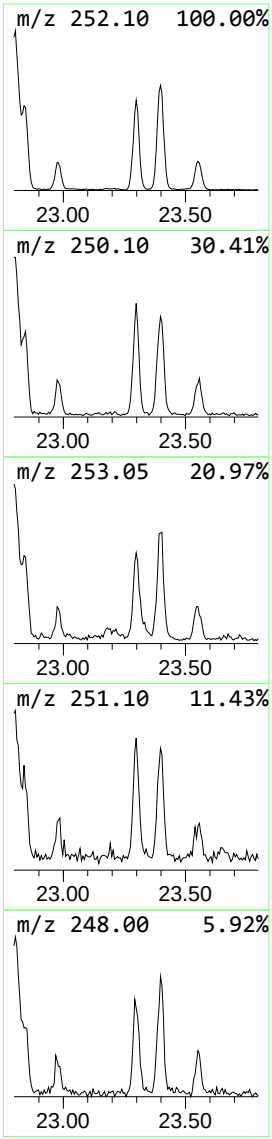
****

Peak Number 9 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.298	12.51 ng	169016	Perylene-d12	23.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Perylene	252	C20H12	000198-55-0	87
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005528.D
Acq On : 13 May 2021 20:01
Operator : CG/JU
Sample : M2369-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-365

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.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
2,4,7,9-Tetrame...	13.240	3.8	ng	24286	3	14.334	126969	20.0
unknown15.469	15.469	2.2	ng	14084	3	14.334	126969	20.0
n-Hexadecanoic ...	17.992	6.2	ng	51101	4	17.092	164417	20.0
Benzaldehyde, 3...	18.151	2.4	ng	19384	4	17.092	164417	20.0
Chlordene, .gam...	18.345	2.2	ng	17924	4	17.092	164417	20.0
4'-Methoxy-2-hy...	20.910	4.3	ng	104503	5	21.192	492086	20.0
11H-Benzo[a]flu...	20.980	2.5	ng	62636	5	21.192	492086	20.0
Benzo[e]pyrene	22.974	3.2	ng	43057	6	23.504	270272	20.0
Perylene	23.298	12.5	ng	169016	6	23.504	270272	20.0