LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003504.D
Acq On : 05 Oct 2020 23:01
Operator : CG/JU
Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-29

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: BP003504.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	373	379	407	rBV	795659	1411631	39.81%	5.496%
2	6.705	643	649	666	rBV	753531	1455415	41.05%	5.666%
3	7.499	777	784	798	rBV	255194	418314	11.80%	1.629%
4	8.651	973	980	1008	rBV	560057	1025833	28.93%	3.994%
5	10.275	1249	1256	1275	rBV	324330	611317	17.24%	2.380%
6	12.769	1673	1680	1695	rBV	1620603	2515484	70.94%	9.794%
7	12.934	1703	1708	1715	rBV3	36684	65214	1.84%	0.254%
8	13.487	1798	1802	1805	rBV3	33718	54402	1.53%	0.212%
9	13.575	1813	1817	1822	rBV	112125	168616	4.76%	0.656%
10	13.622	1822	1825	1829	rBV	76425	111146	3.13%	0.433%
11	13.886	1865	1870	1877	rBV2	114739	269928	7.61%	1.051%
12	13.992	1884	1888	1892	rVB	187108	251005	7.08%	0.977%
13	14.157	1906	1916	1922	rBV2	585989	1134911	32.01%	4.419%
14	14.251	1929	1932	1937	rBV3	61187	87944	2.48%	0.342%
15	14.492	1970	1973	1977	rBV	68449	112216	3.16%	0.437%
16	14.710	2006	2010	2016	rBV3	121506	198124	5.59%	0.771%
17	14.798	2021	2025	2027	rVV4	96504	158660	4.47%	0.618%
18	14.822	2027	2029	2035	rVB2	137579	200990	5.67%	0.783%
19	14.957	2047	2052	2058	rBV2	474359	729884	20.58%	2.842%
20	15.663	2167	2172	2178	rVB	1081676	1553449	43.81%	6.048%
21	15.904	2210	2213	2216	rBV	216402	299904	8.46%	1.168%
22	16.922	2382	2386	2389	rBV	515564	689530	19.45%	2.685%
23	18.951	2728	2731	2735	rVB	653661	783428	22.09%	3.050%
24	19.304	2788	2791	2794	rVB	541218	636105	17.94%	2.477%
25	19.504	2821	2825	2830	rVB	2945132	3545863	100.00%	13.805%
26	20.757	3035	3038	3045	rVB3	461112	697445	19.67%	2.715%
27	21.027	3079	3084	3087	rBV2	1059958	1565369	44.15%	6.094%
28	21.063	3088	3090	3093	rVB	330433	294699	8.31%	1.147%
29	22.545	3338	3342	3347	rBV	618140	1259711	35.53%	4.904%
30	23.010	3417	3421	3429	rVB	344097	570467	16.09%	2.221%
31	23.104	3432	3437	3443	rVB	481530	830464	23.42%	3.233%
32	23.198	3447	3453	3458	rBV2	767864	1366169	38.53%	5.319%
33	25.392	3822	3826	3838	rVB2	235772	611532	17.25%	2.381%

Sum of corrected areas: 25685169

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
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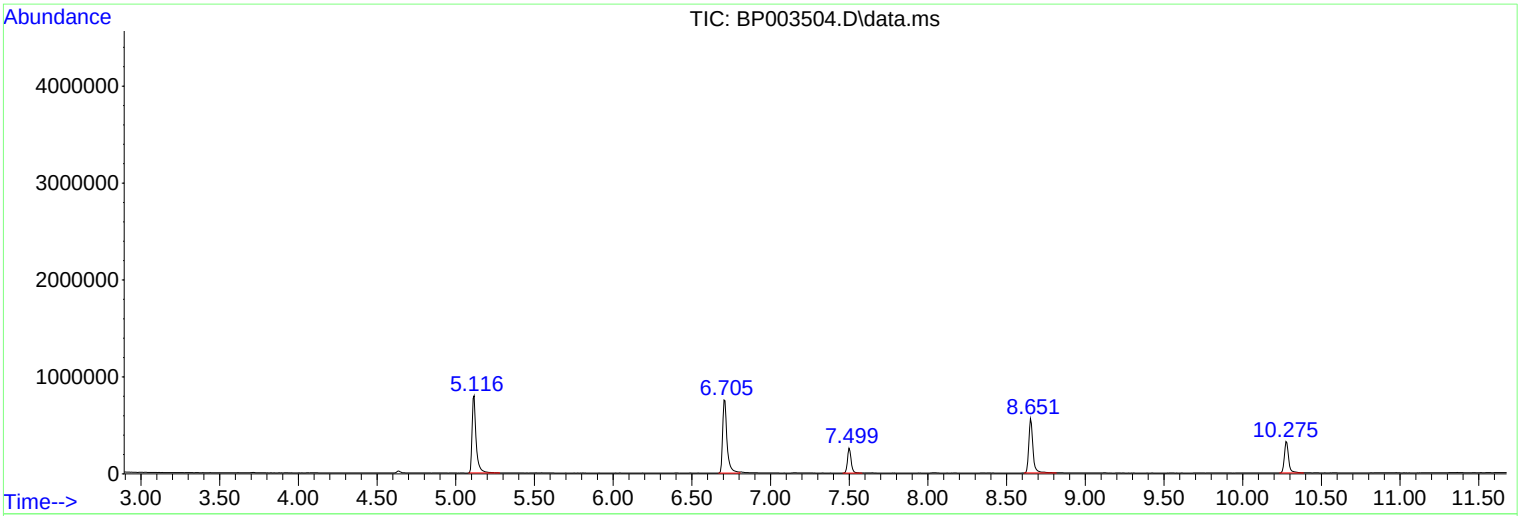
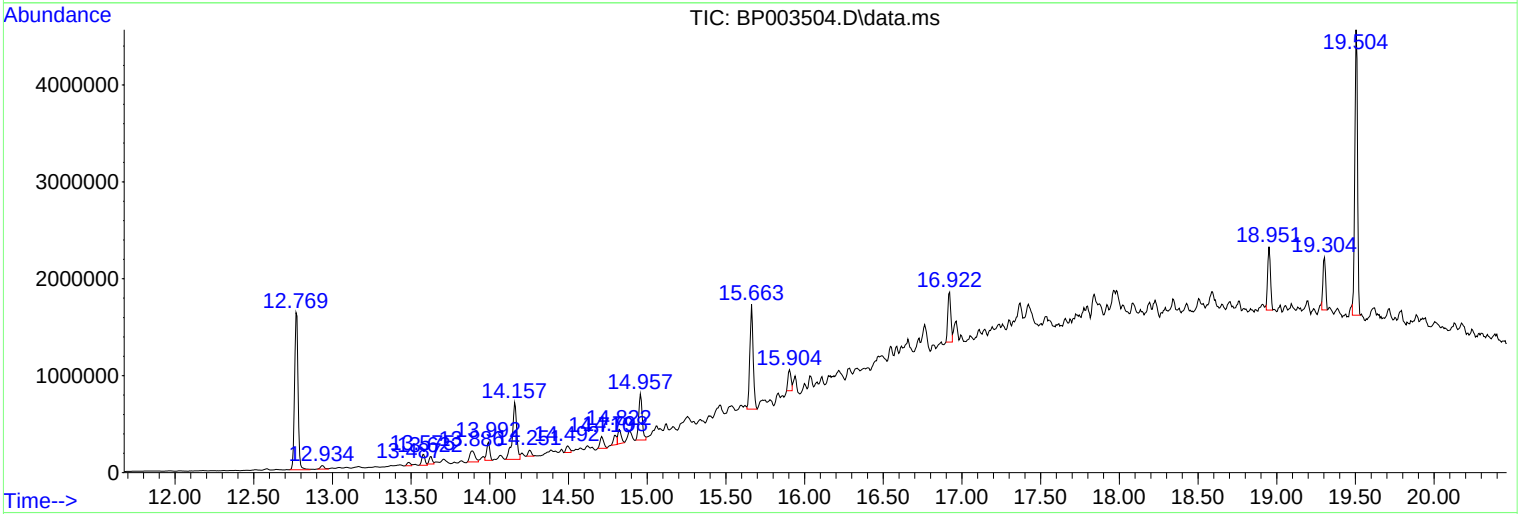
Operator : CG/JU
Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

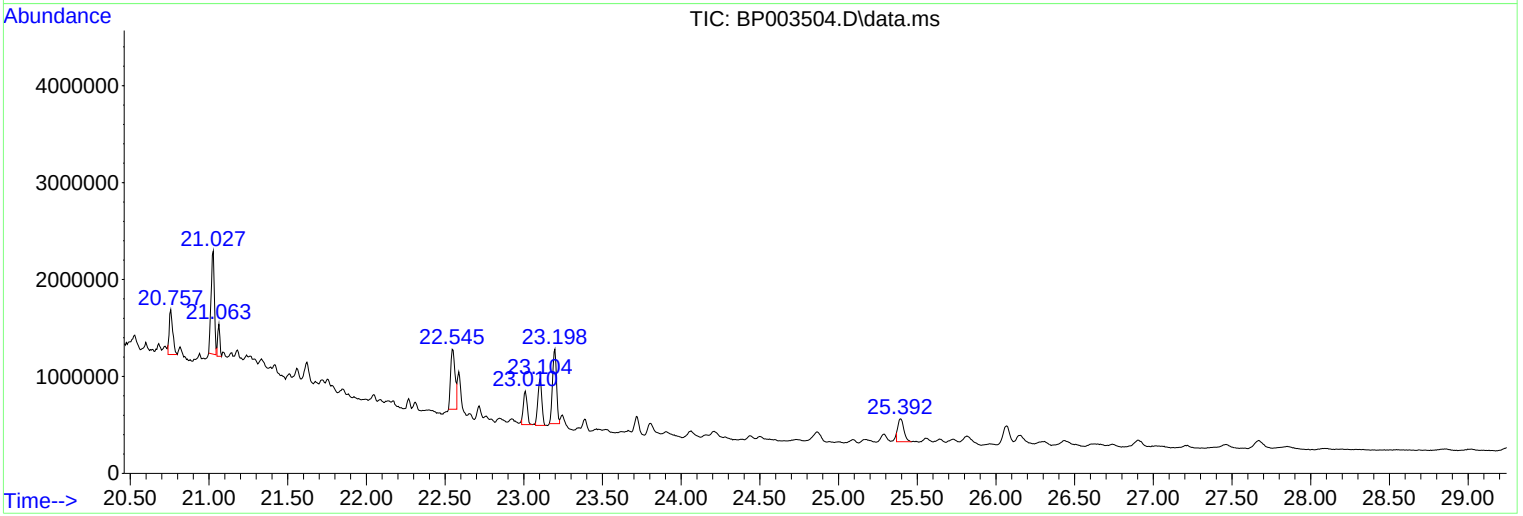
Instrument :
BNA_P
ClientSampleId :
RBR-29

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







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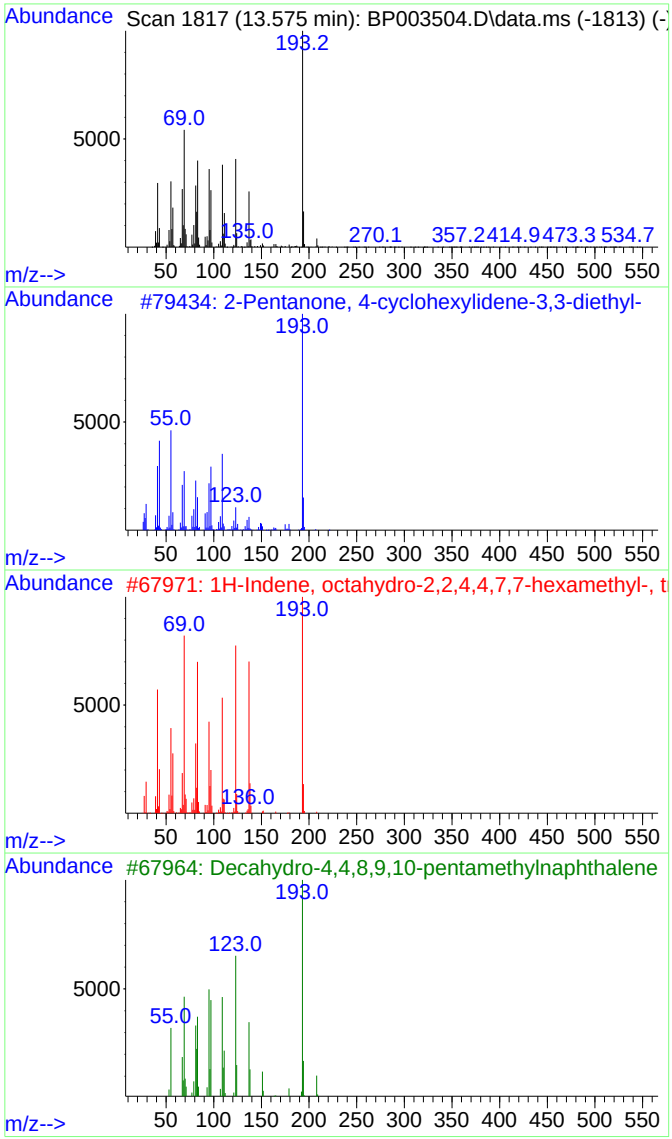
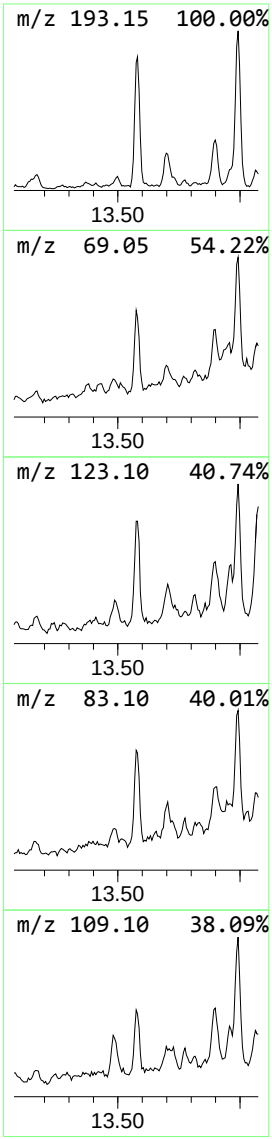
****
Peak Number 1 2-Pentanone, 4-cyclohexylid... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	2.97 ng	168616	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	32
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	25





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Operator : CG/JU
Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-29

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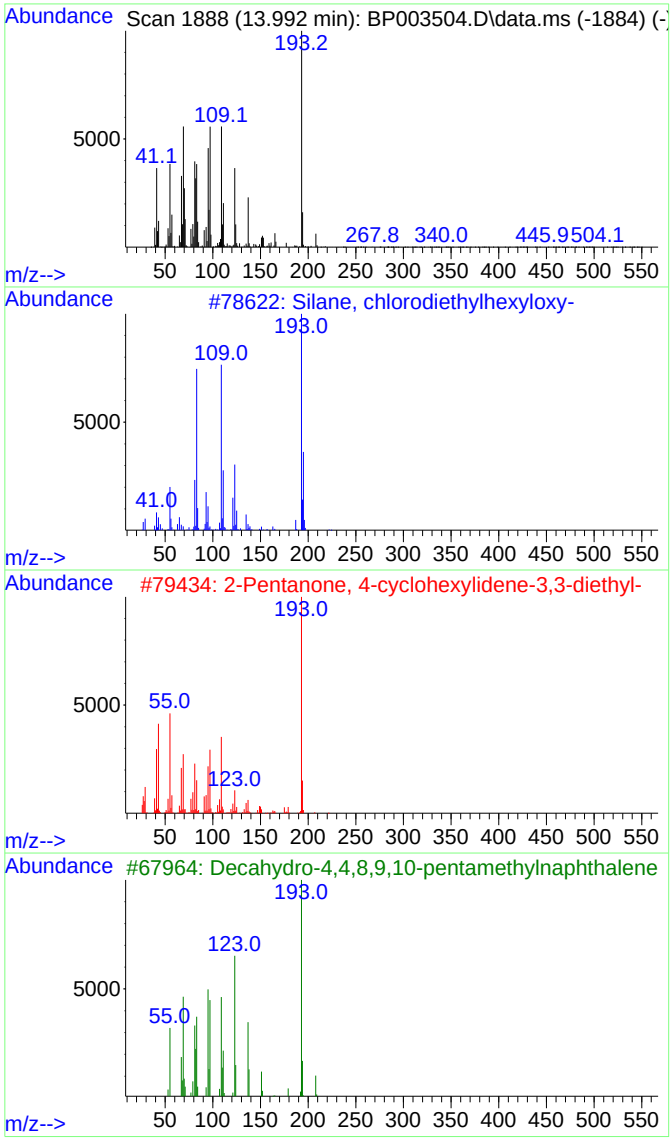
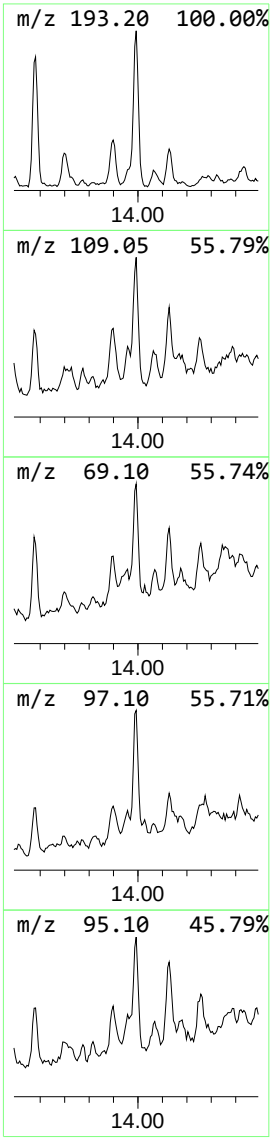
Peak Number 2 unknown13.992 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	4.42 ng	251005	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	40
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	37
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	27





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Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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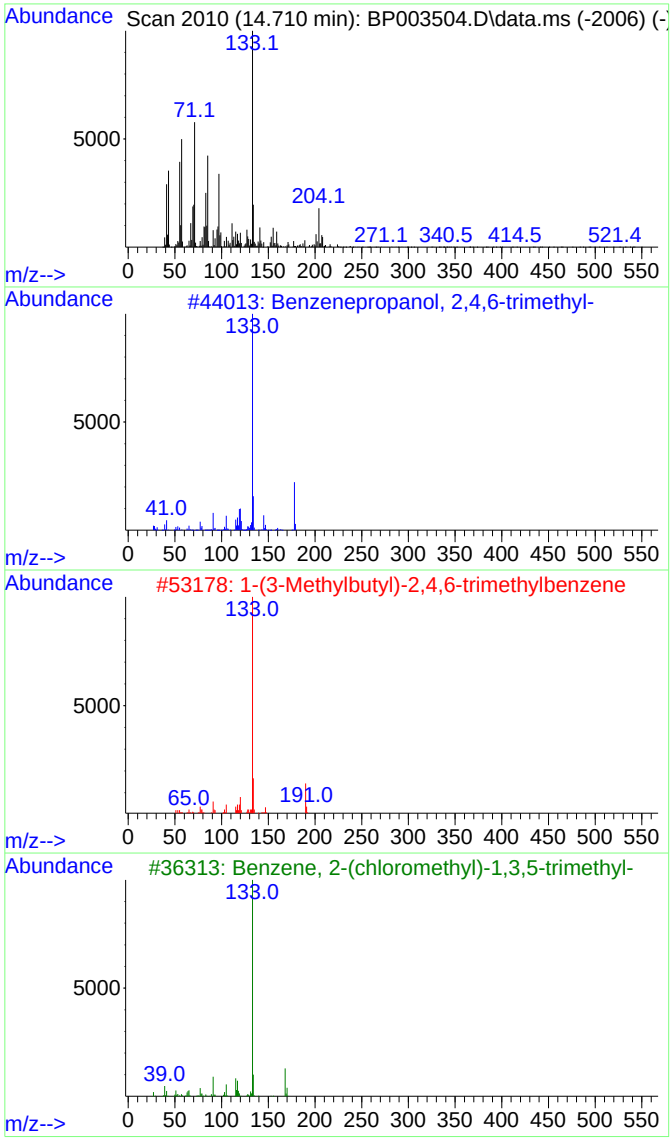
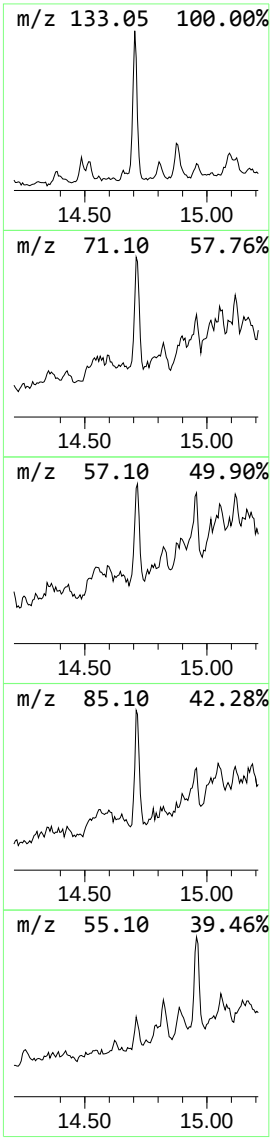
Peak Number 3 unknown14.710 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	3.49 ng	198124	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	27
2	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	27
3	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	22
4	1,3-Benzenediol, o-(2,6-difluoro...	382	C22H16F2O4	1000330-83-4	22
5	1,3-Benzenediol, o-(4-ethylbenzo...	360	C23H20O4	1000330-83-6	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
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Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-29

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

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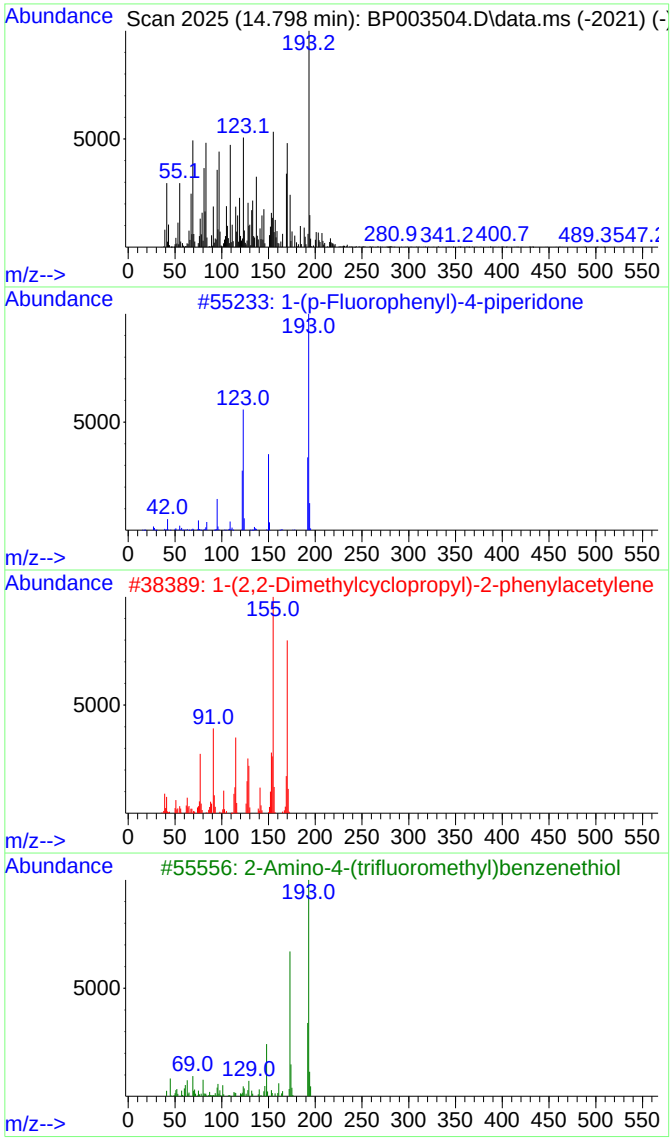
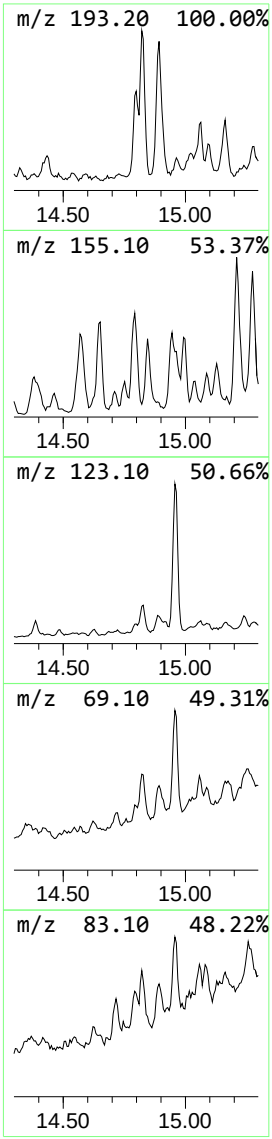
****

Peak Number 4 unknown14.798 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	2.80 ng	158660	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	27
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	25
3	2-Amino-4-(trifluoromethyl)benze...	193	C7H6F3NS	004274-38-8	22
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	18
5	Benzaldehyde, p-nitro-, dimethyl...	193	C9H11N3O2	010424-92-7	15





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Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-29

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
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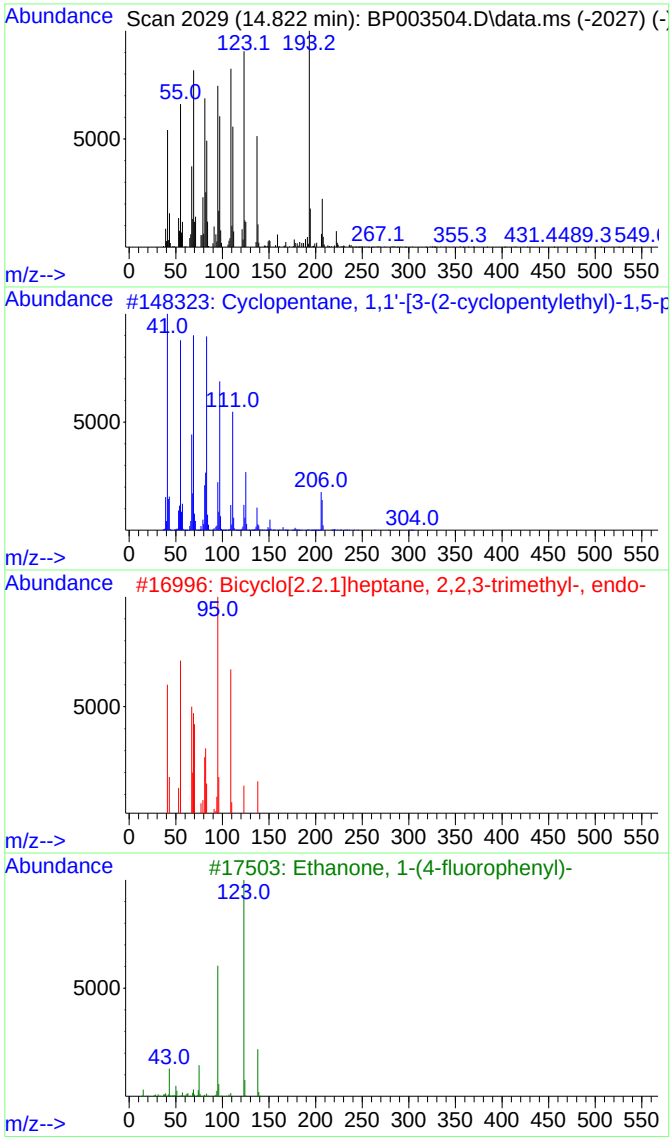
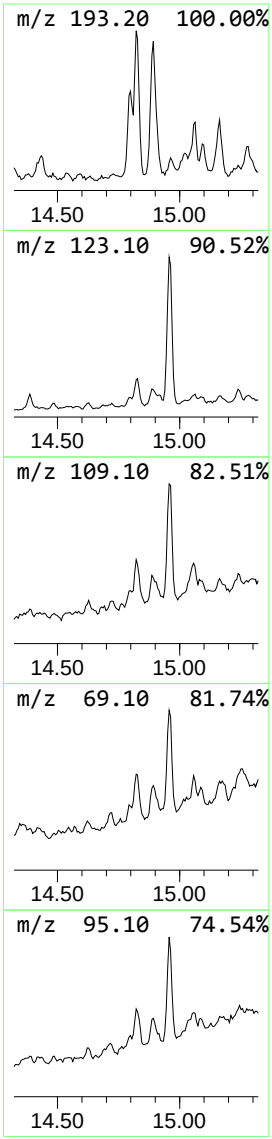
****

Peak Number 5 unknown14.822 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	3.54 ng	200990	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	22
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	15
3	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	14
4	Propanamide, N-(4-methoxyphenyl)...	193	C11H15NO2	1000307-32-2	14
5	Hexahydroindole	123	C8H13N	018159-32-5	14





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Instrument : BNA_P
ClientSampleId : RBR-29

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
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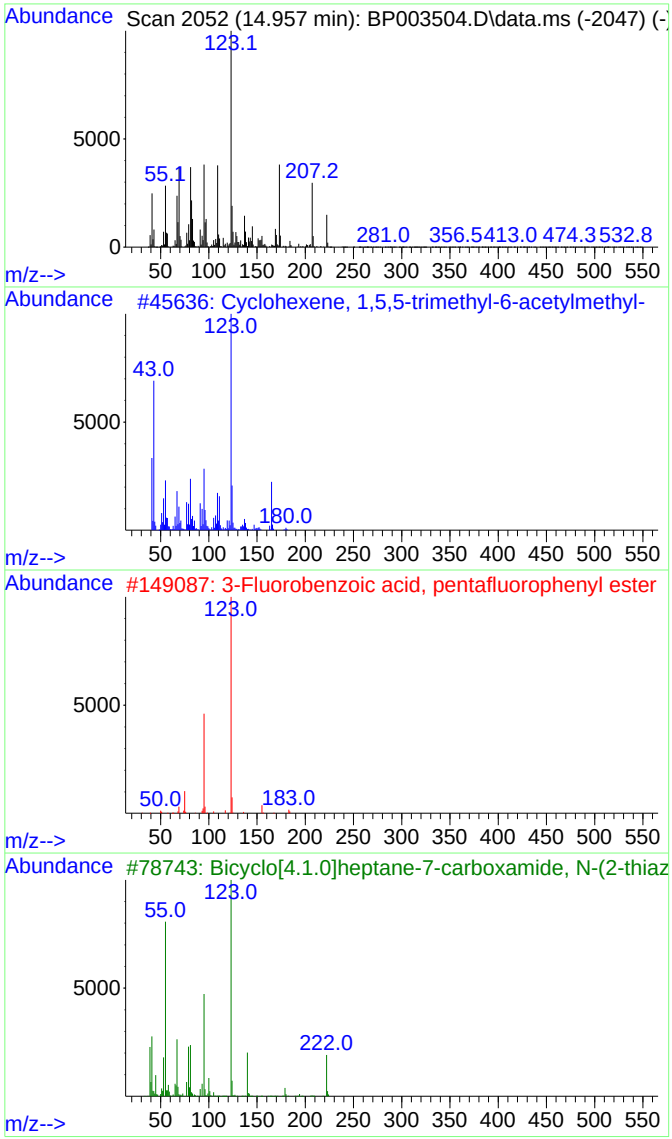
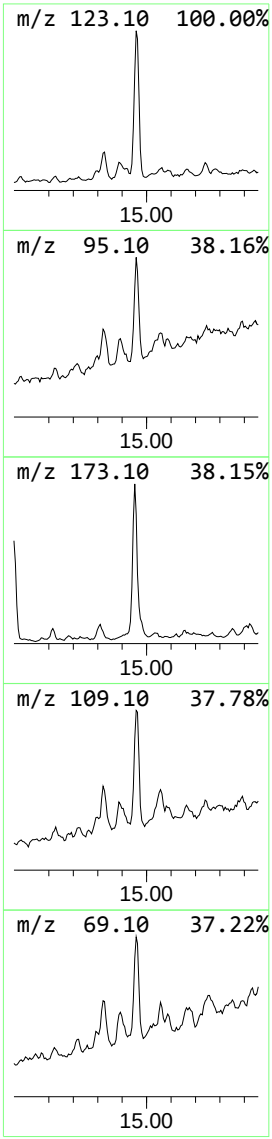
****

Peak Number 6 unknown14.957 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	12.86 ng	729884	Acenaphthene-d10	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	47
2	3-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-66-2	38
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38
4	4-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-67-4	38
5	trans-2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	115754-87-5	38





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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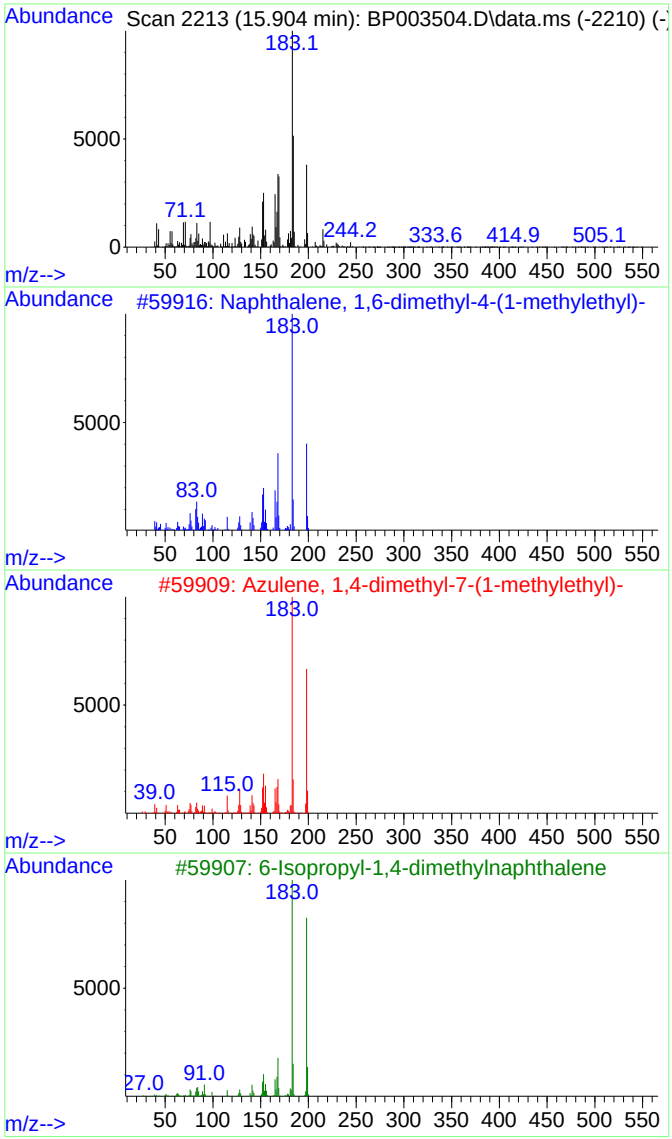
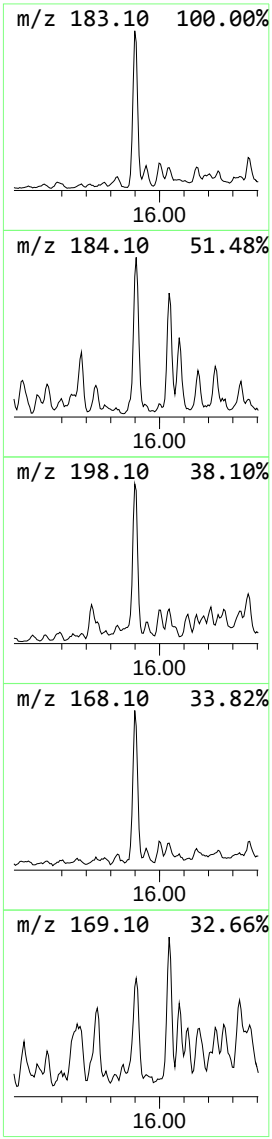
****
Peak Number 7 Naphthalene, 1,6-dimethyl-4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.904	8.70 ng	299904	Phenanthrene-d10	16.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	92
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	68
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	58
4	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	38
5	Phenoxazine	183	C12H9NO	000135-67-1	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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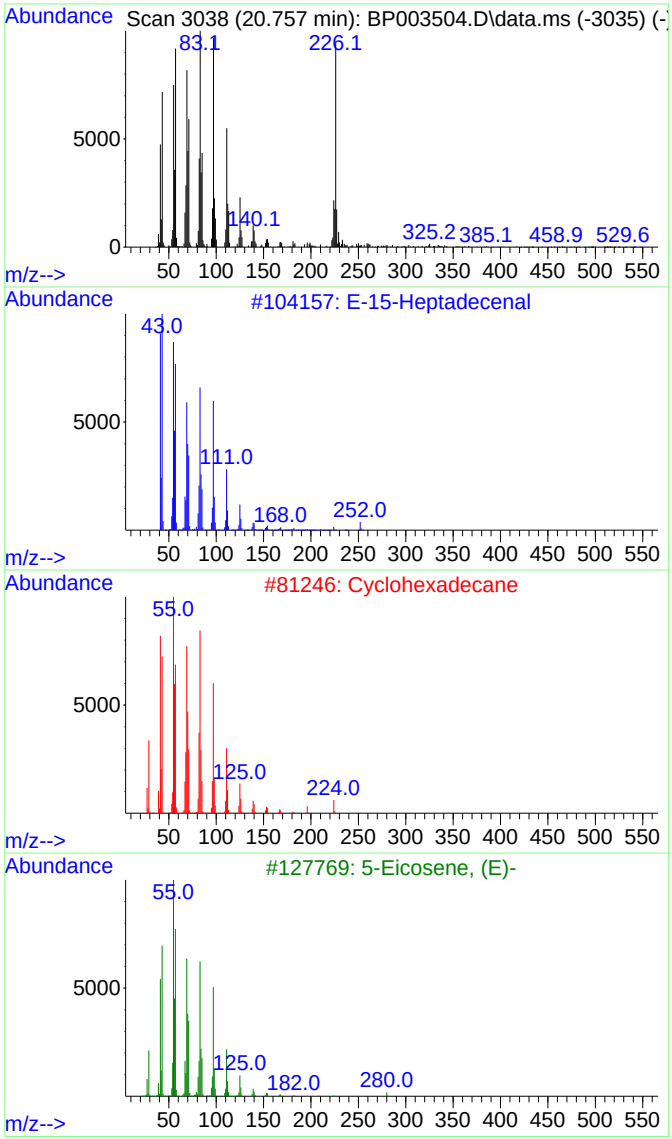
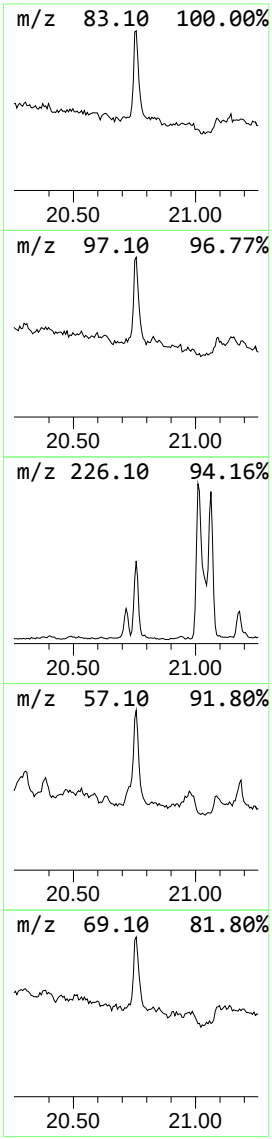
****
Peak Number 8 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.757	8.91 ng	697445	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	76





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Data File : BP003504.D
Acq On : 05 Oct 2020 23:01
Operator : CG/JU
Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR-29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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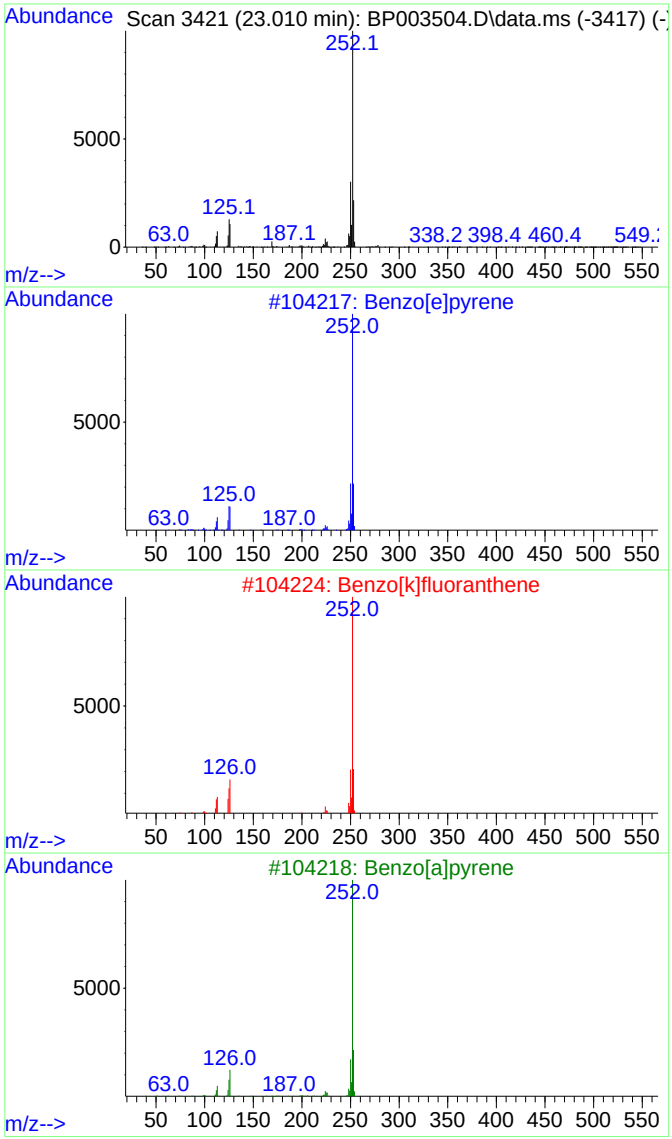
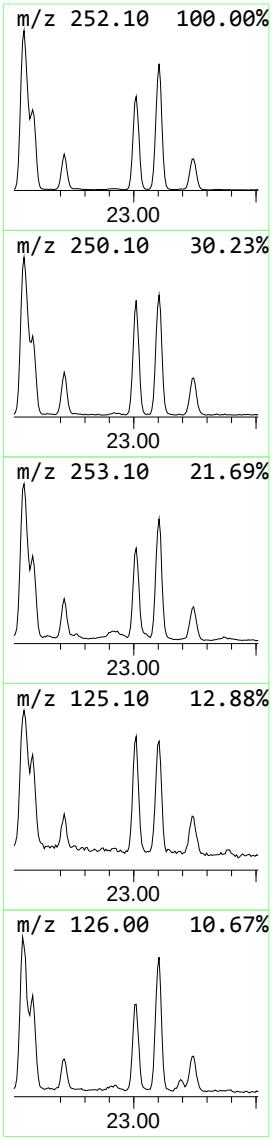
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.009	8.35 ng	570467	Perylene-d12	23.198

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003504.D
Acq On : 05 Oct 2020 23:01
Operator : CG/JU
Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-29

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-...	13.575	3.0	ng	168616	3	14.157	1134910	20.0
unknown13.992	13.992	4.4	ng	251005	3	14.157	1134910	20.0
unknown14.710	14.710	3.5	ng	198124	3	14.157	1134910	20.0
unknown14.798	14.798	2.8	ng	158660	3	14.157	1134910	20.0
unknown14.822	14.822	3.5	ng	200990	3	14.157	1134910	20.0
unknown14.957	14.957	12.9	ng	729884	3	14.157	1134910	20.0
Naphthalene, 1,...	15.904	8.7	ng	299904	4	16.916	689530	20.0
E-15-Heptadecenal	20.757	8.9	ng	697445	5	21.027	1565370	20.0
Benzo[e]pyrene	23.009	8.3	ng	570467	6	23.198	1366170	20.0