LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
Data File : BP010625.D
Acq On : 29 May 2022 18:36
Operator : CG/JU
Sample : N2932-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P016-SS005-0006-02

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-BP052822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP010625.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.452	395	402	417	rBV	1978116	3008850	16.77%	5.907%
2	7.040	664	672	685	rBV	1918795	3152121	17.57%	6.189%
3	7.864	806	812	821	rBV	540842	856975	4.78%	1.683%
4	9.022	1002	1009	1026	rBV	1159129	2068642	11.53%	4.061%
5	10.663	1281	1288	1300	rBV	658659	1158139	6.45%	2.274%
6	13.122	1698	1706	1729	rBV	2890609	4302802	23.98%	8.448%
7	14.498	1933	1940	1959	rBV	945731	1517814	8.46%	2.980%
8	15.992	2184	2194	2204	rBV	2224475	3232103	18.01%	6.346%
9	17.257	2401	2409	2415	rBV	1093959	1695765	9.45%	3.329%
10	18.145	2555	2560	2567	rBV	180747	277327	1.55%	0.544%
11	19.810	2838	2843	2851	rBV	5003985	5874555	32.74%	11.534%
12	21.051	3049	3054	3061	rBV2	597028	863193	4.81%	1.695%
13	21.245	3084	3087	3092	rBV	482301	517330	2.88%	1.016%
14	21.339	3098	3103	3109	rBV	1328391	1764651	9.83%	3.465%
15	21.463	3117	3124	3149	rBV	11805879	17944738	100.00%	35.232%
16	21.775	3175	3177	3184	rVB	162830	204525	1.14%	0.402%
17	23.010	3384	3387	3392	rVB	206503	279712	1.56%	0.549%
18	23.751	3507	3513	3523	rVB	833009	1722077	9.60%	3.381%
19	24.369	3614	3618	3626	rVB	255287	492390	2.74%	0.967%

Sum of corrected areas: 50933709

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Misc :
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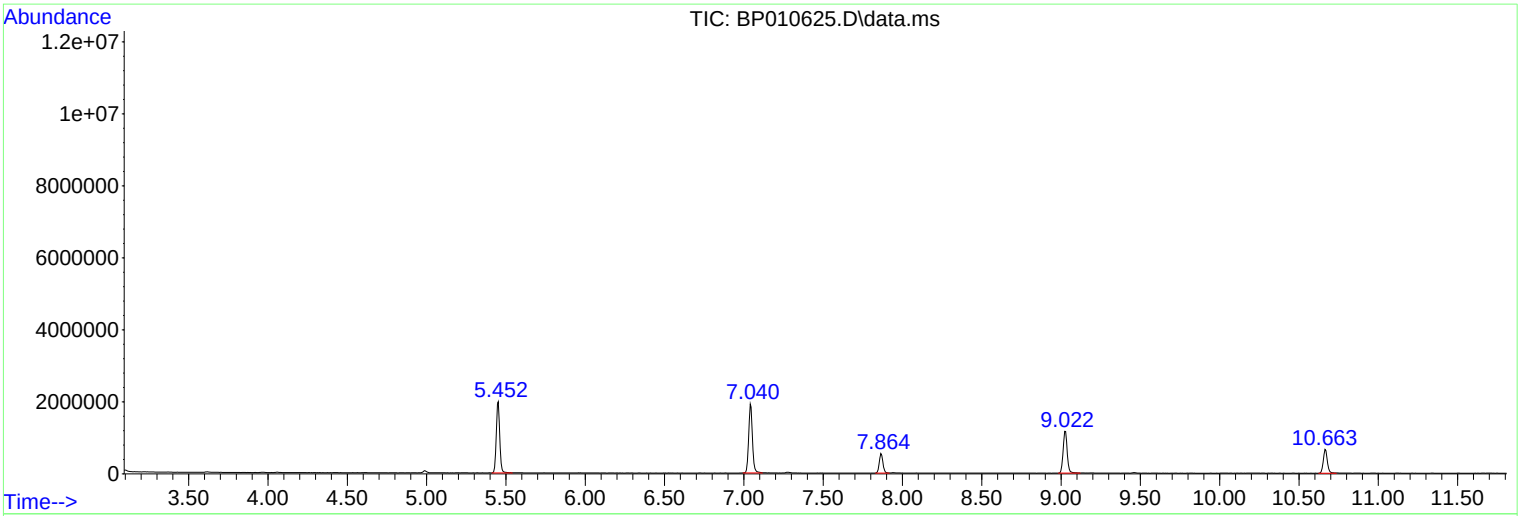
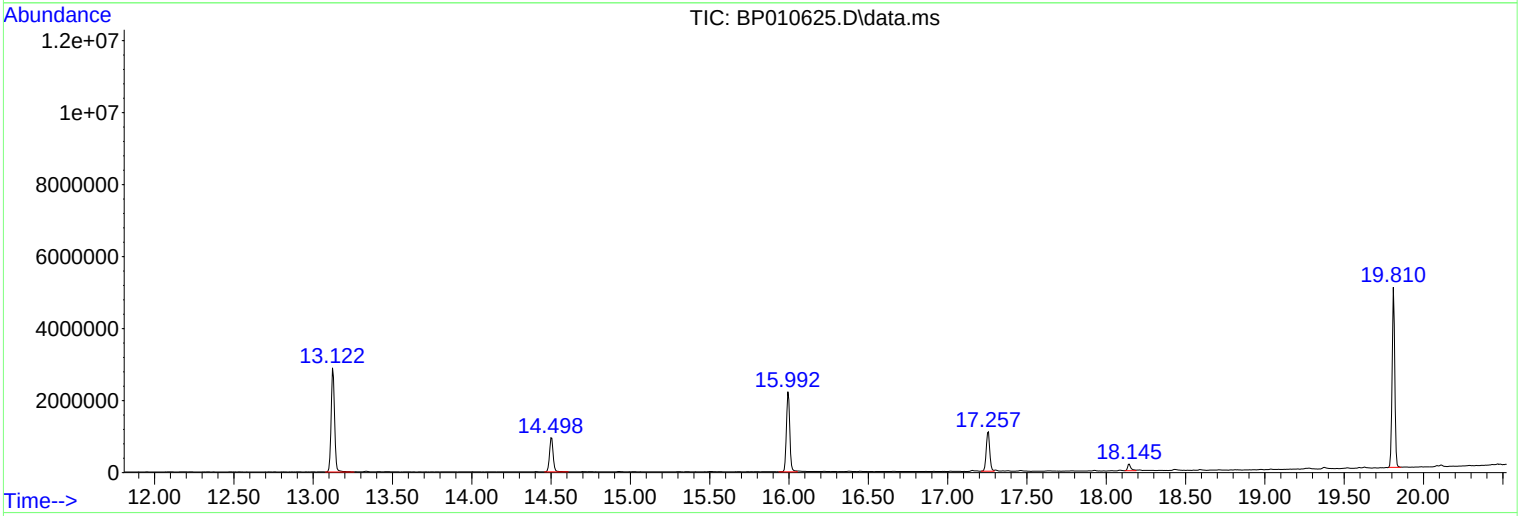
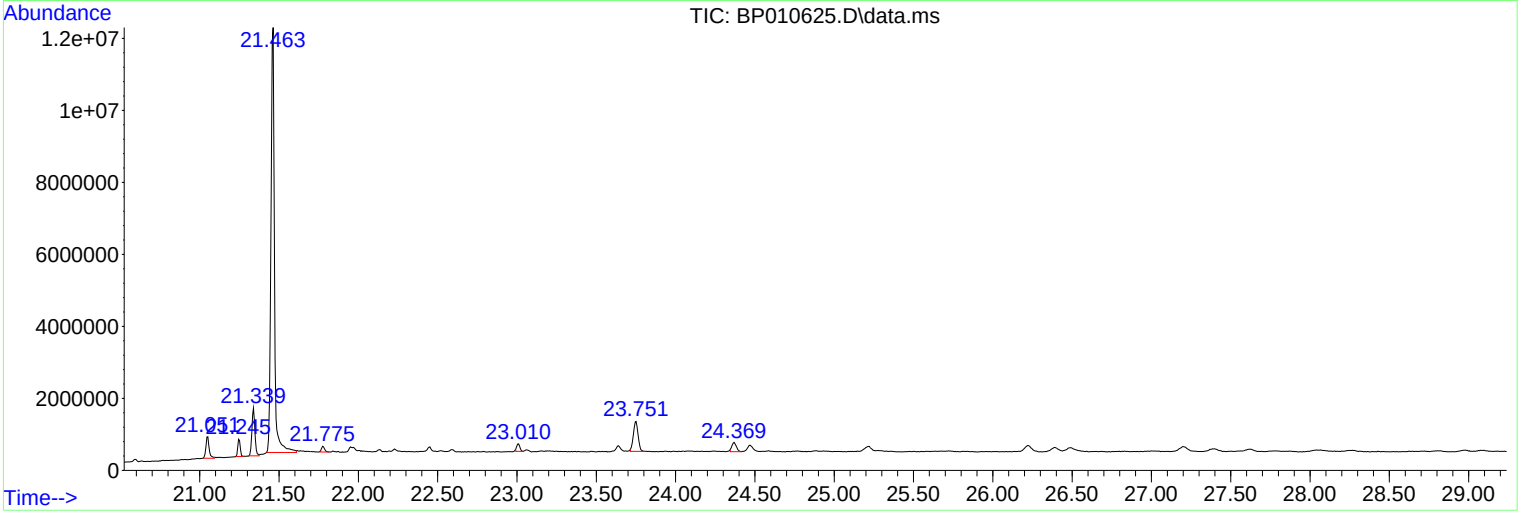
Instrument :
BNA_P
ClientSampleId :
P016-SS005-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Data File : BP010625.D
Acq On : 29 May 2022 18:36
Operator : CG/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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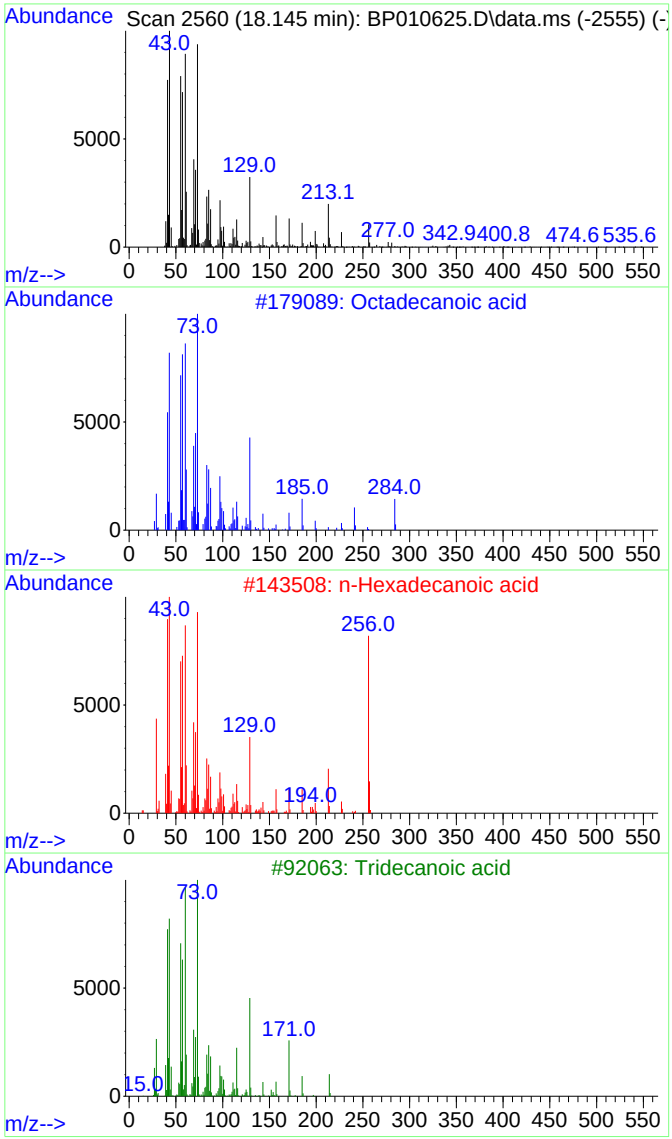
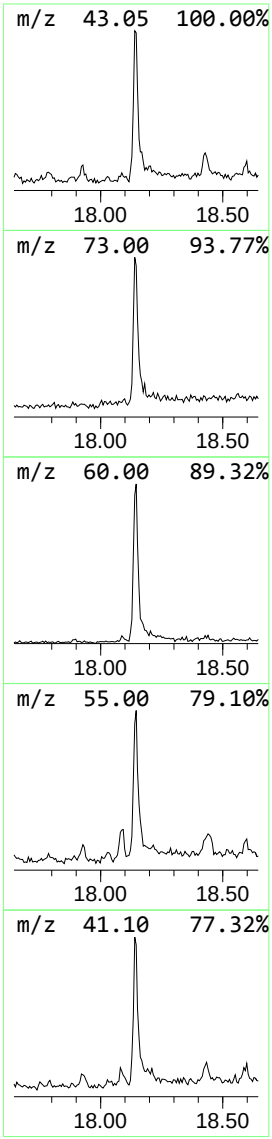
Peak Number 1 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	3.27 ng	277327	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





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Data File : BP010625.D
Acq On : 29 May 2022 18:36
Operator : CG/JU
Sample : N2932-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P016-SS005-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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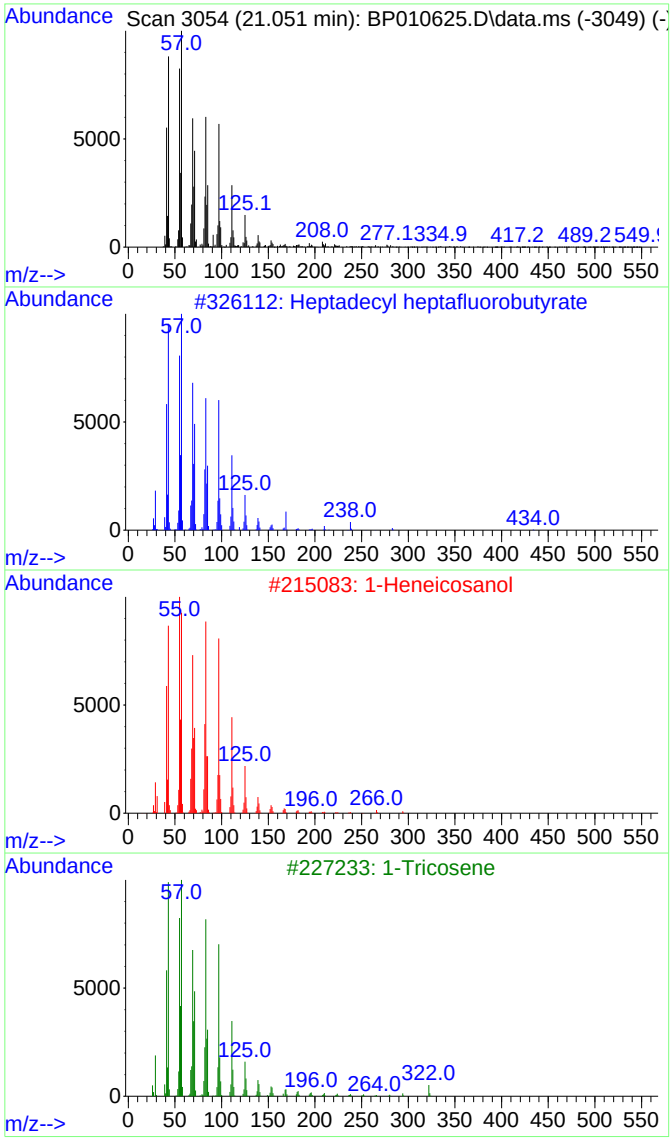
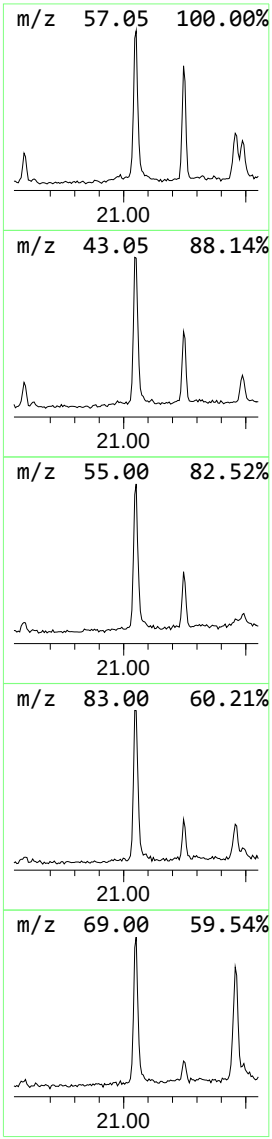
Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	9.78 ng	863193	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Nonacos-1-ene	406	C29H58	018835-35-3	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Data File : BP010625.D
Acq On : 29 May 2022 18:36
Operator : CG/JU
Sample : N2932-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P016-SS005-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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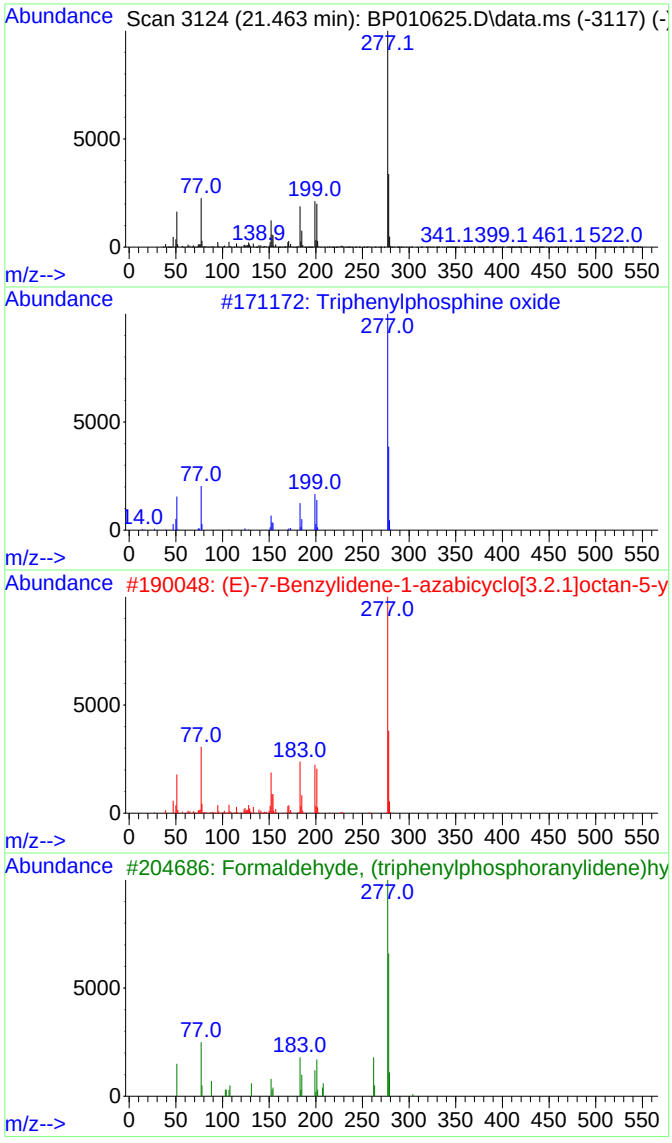
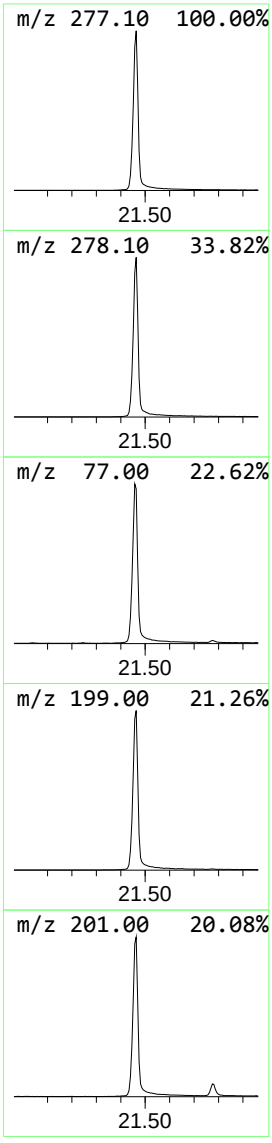
Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.463	203.38 ng	17944700	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25
5	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	17





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Data File : BP010625.D
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Misc :
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Instrument :
BNA_P
ClientSampleId :
P016-SS005-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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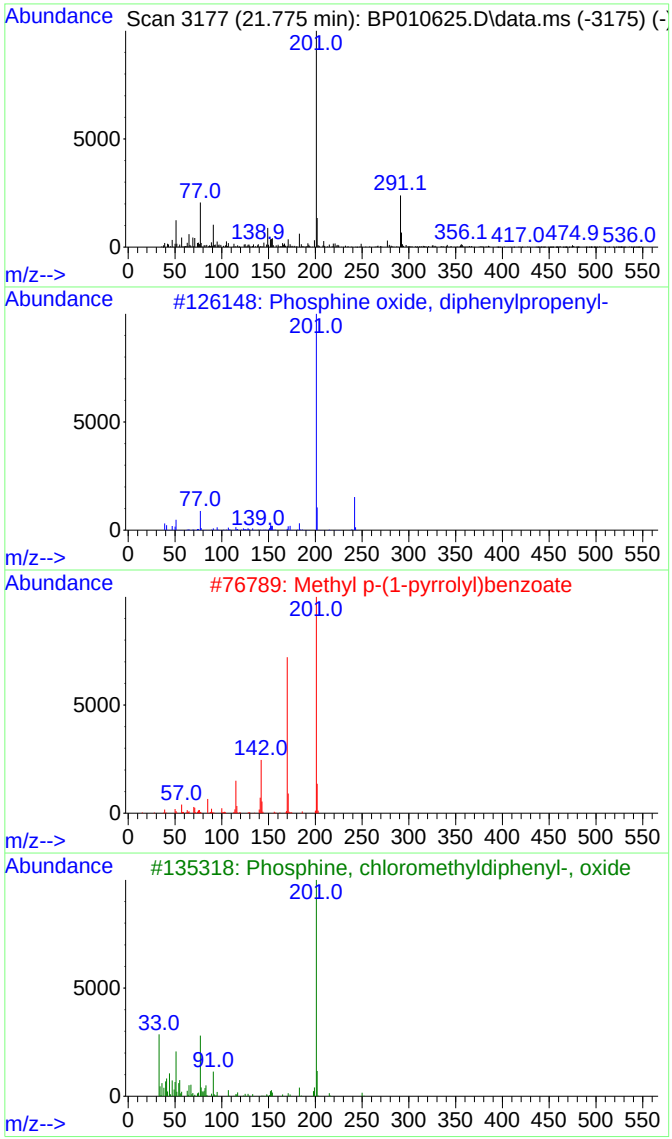
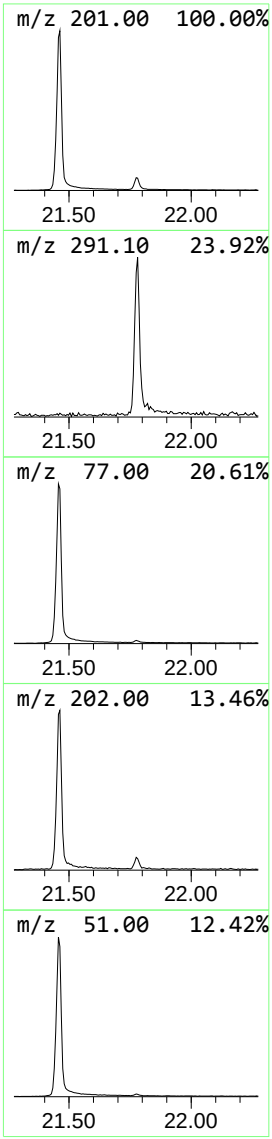
****
Peak Number 4 Phosphine oxide, diphenylpr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.775	2.32 ng	204525	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine oxide, diphenylpropenyl-	242	C15H15OP	004252-89-5	50
2	Methyl p-(1-pyrrolyl)benzoate	201	C12H11NO2	023351-08-8	47
3	Phosphine, chloromethyldiphenyl-...	250	C13H12ClOP	001806-49-1	45
4	Phosphine oxide, diphenyl(phenyl...	292	C19H17OP	002959-74-2	43
5	Ethyldiphenylphosphine oxide	230	C14H15OP	001733-57-9	40





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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P016-SS005-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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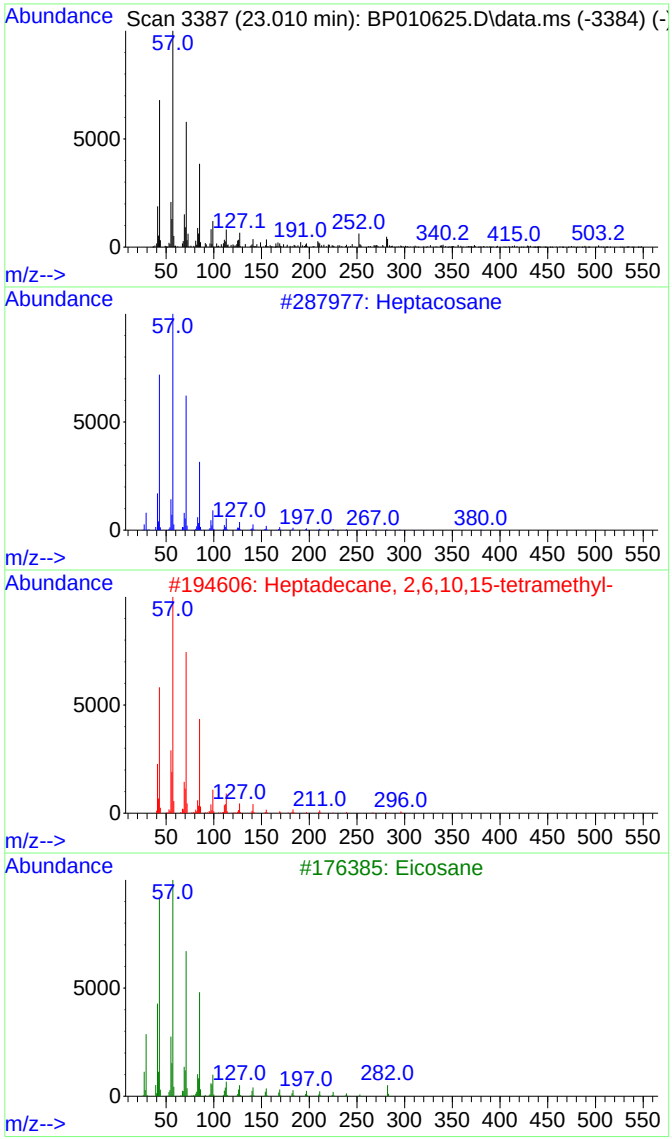
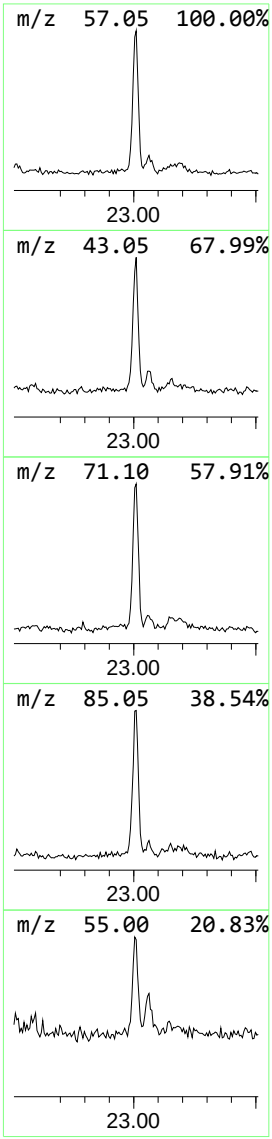
Peak Number 5 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.010	3.25 ng	279712	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3	Eicosane	282	C20H42	000112-95-8	94
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	89





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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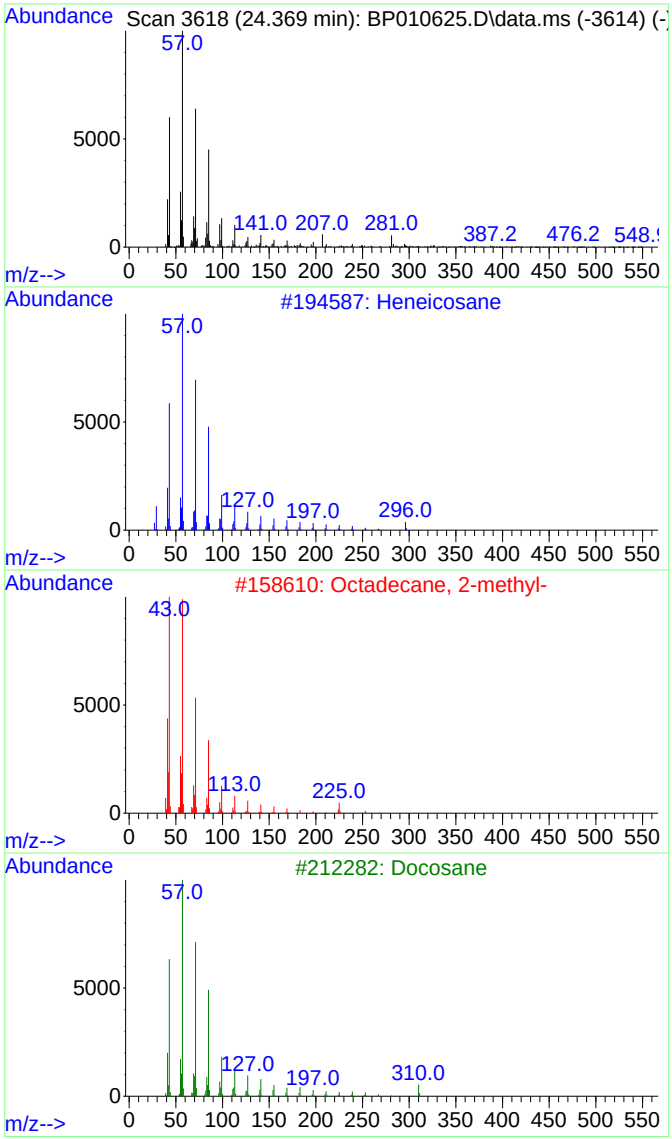
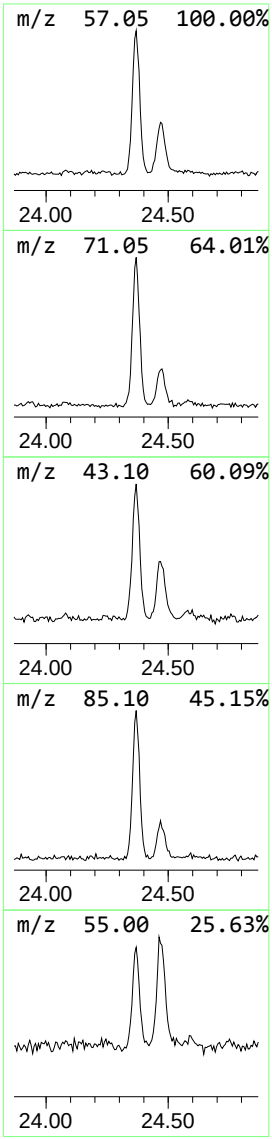
Peak Number 6 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.369	5.72 ng	492390	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Docosane	310	C22H46	000629-97-0	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecanoic acid	18.145	3.3	ng	277327	4	17.257	1695770	20.0
Heptadecyl hept...	21.051	9.8	ng	863193	5	21.339	1764650	20.0
Triphenylphosph...	21.463	203.4	ng	17944700	5	21.339	1764650	20.0
Phosphine oxide...	21.775	2.3	ng	204525	5	21.339	1764650	20.0
Heptacosane	23.010	3.3	ng	279712	6	23.751	1722080	20.0
Heneicosane	24.369	5.7	ng	492390	6	23.751	1722080	20.0