

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101441.D
 Acq On : 31 Oct 2024 20:00
 Operator : RC/JU
 Sample : P4618-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HR-01-102924

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_E\Methods\8270-BE102824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BE101441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.878	45	49	63	rVB	716746	987270	14.41%	2.584%
2	5.328	459	466	489	rBV	1310917	2334965	34.07%	6.111%
3	6.956	735	743	780	rBV	1241551	2669413	38.95%	6.987%
4	7.572	841	848	858	rBV	476577	793997	11.59%	2.078%
5	8.783	1046	1054	1072	rBV	930707	1651598	24.10%	4.323%
6	10.346	1312	1320	1335	rBV	733105	1291549	18.85%	3.380%
7	11.609	1530	1535	1542	rVB	40226	72479	1.06%	0.190%
8	12.196	1630	1635	1641	rBV4	36586	73441	1.07%	0.192%
9	12.461	1672	1680	1686	rBV10	28181	76031	1.11%	0.199%
10	12.807	1732	1739	1745	rBV	2945305	4454068	64.99%	11.658%
11	12.872	1745	1750	1760	rVB	102779	186242	2.72%	0.487%
12	13.524	1855	1861	1867	rBV5	82266	169295	2.47%	0.443%
13	13.642	1877	1881	1887	rVB5	53742	92056	1.34%	0.241%
14	13.706	1887	1892	1902	rVB6	52978	139715	2.04%	0.366%
15	13.947	1929	1933	1937	rVB	168675	213579	3.12%	0.559%
16	14.182	1967	1973	1979	rVB	1174036	1787512	26.08%	4.678%
17	14.635	2047	2050	2055	rVB5	60122	89264	1.30%	0.234%
18	14.899	2091	2095	2099	rVB	267919	341776	4.99%	0.895%
19	15.293	2157	2162	2167	rVB	141004	243101	3.55%	0.636%
20	15.551	2202	2206	2212	rVB	330470	454802	6.64%	1.190%
21	15.692	2224	2230	2236	rBV	2582451	3767324	54.97%	9.860%
22	15.751	2236	2240	2250	rVB	382663	739429	10.79%	1.935%
23	16.533	2369	2373	2376	rBV	265993	336851	4.92%	0.882%
24	16.574	2376	2380	2385	rVB	216164	307966	4.49%	0.806%
25	16.920	2434	2439	2448	rVB	1401471	2033233	29.67%	5.322%
26	17.255	2492	2496	2500	rBV	252668	308631	4.50%	0.808%
27	17.749	2577	2580	2586	rBV2	122247	258014	3.76%	0.675%
28	17.931	2607	2611	2615	rBV	226911	264726	3.86%	0.693%
29	18.565	2715	2719	2723	rBV	199981	246005	3.59%	0.644%
30	19.141	2814	2817	2820	rVB	147677	153055	2.23%	0.401%
31	19.517	2875	2881	2887	rBV	5233044	6853394	100.00%	17.937%
32	21.086	3144	3148	3152	rBV	1769871	2179425	31.80%	5.704%
33	23.383	3534	3539	3549	rBV	1304002	2637457	38.48%	6.903%

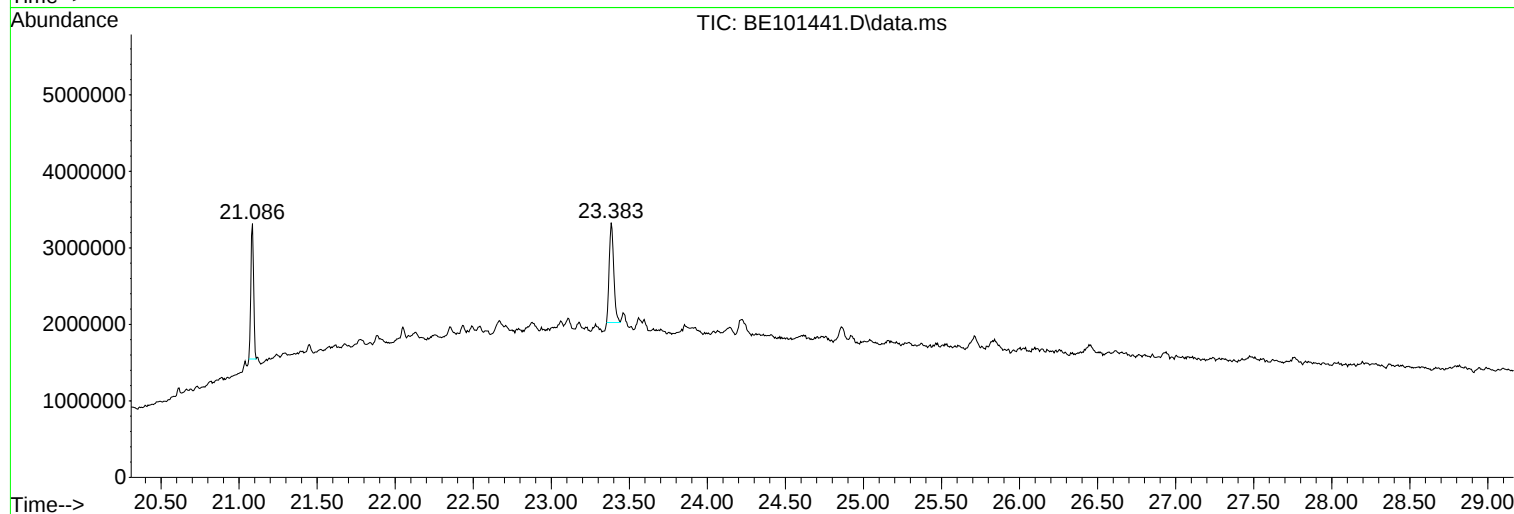
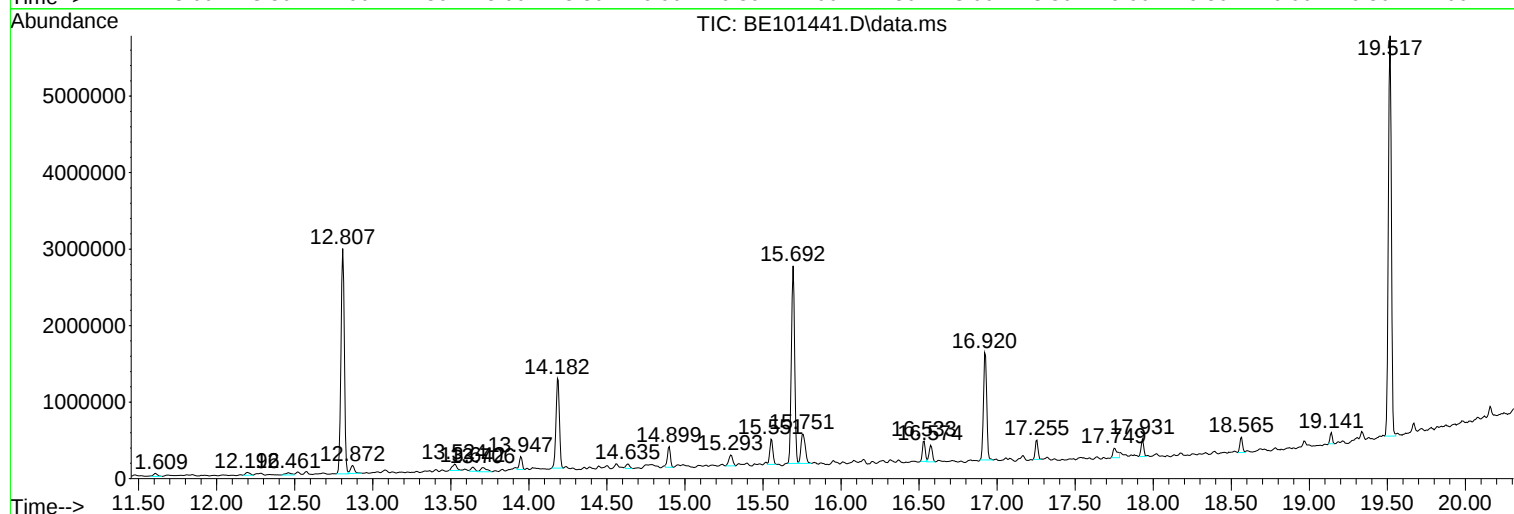
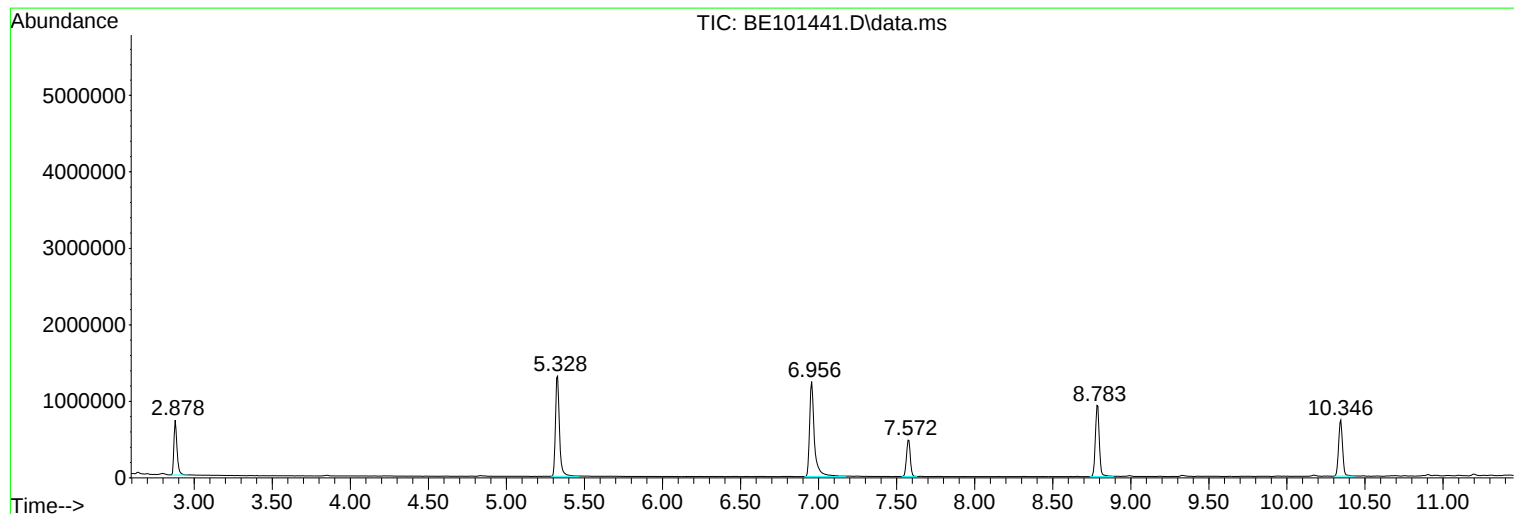
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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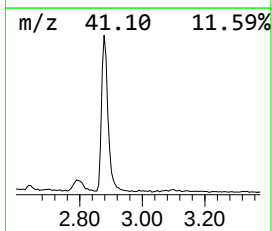
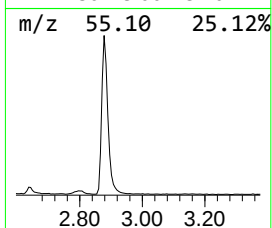
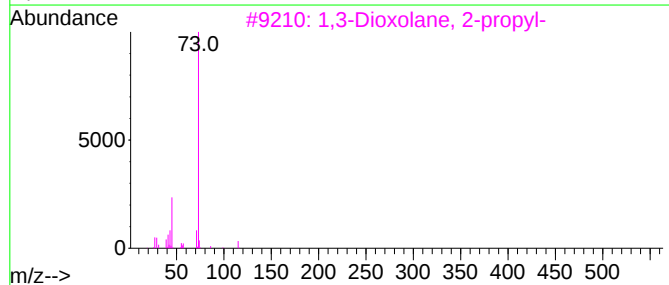
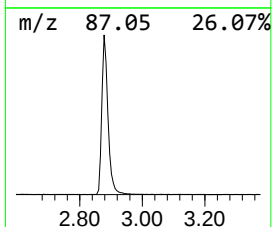
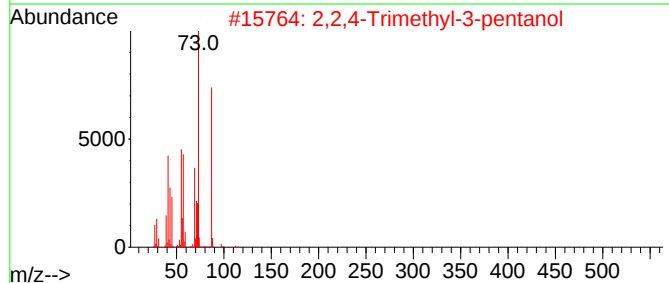
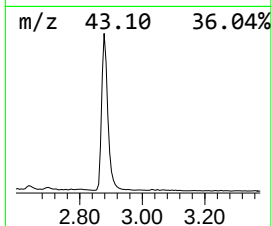
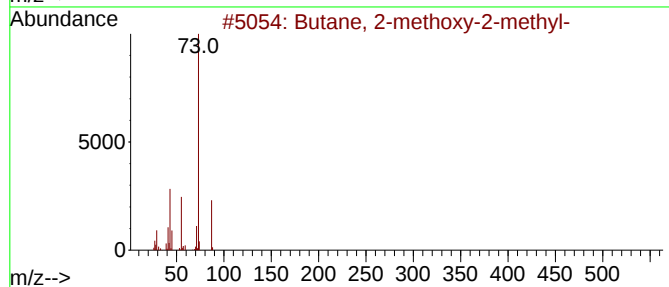
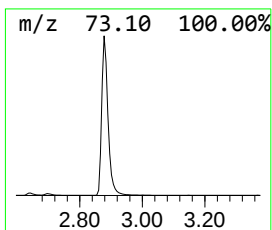
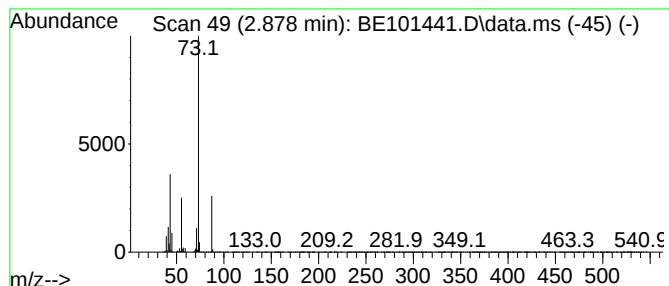
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.878	24.87 ng	987270	1,4-Dichlorobenzene-d4	7.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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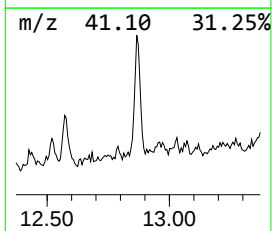
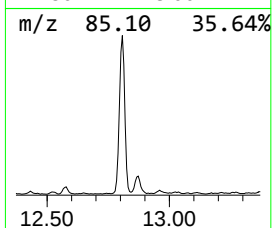
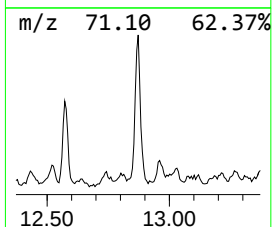
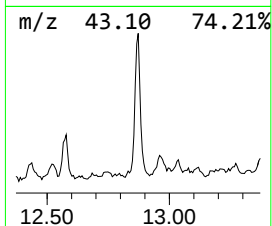
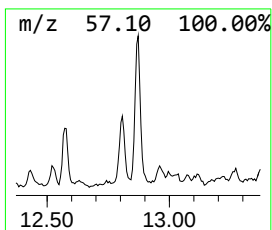
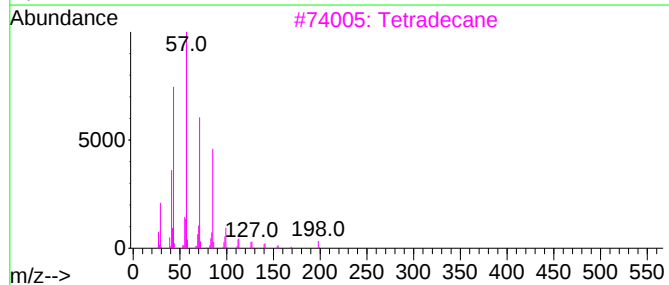
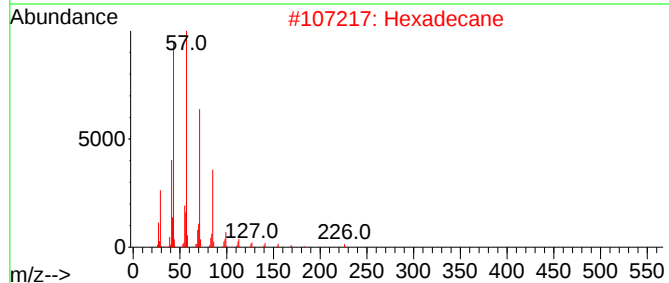
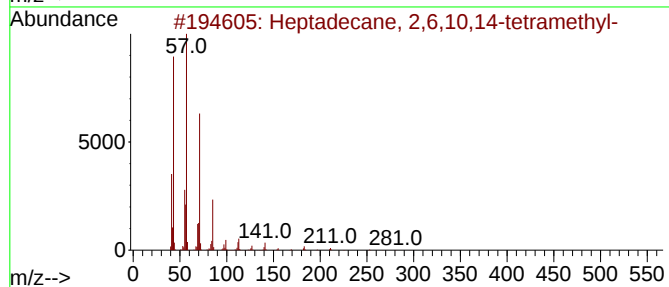
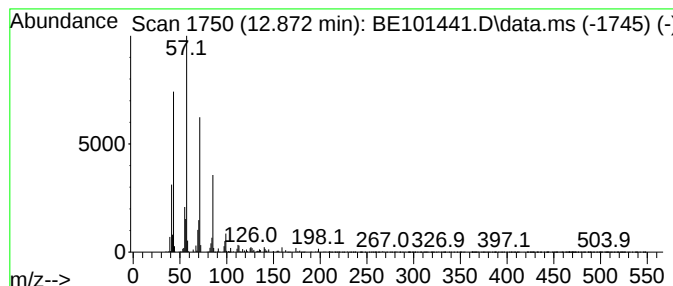
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Heptadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.872	2.08 ng	186242	Acenaphthene-d10	14.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Octacosane	394	C28H58	000630-02-4	68



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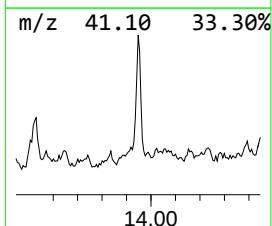
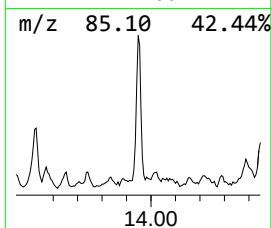
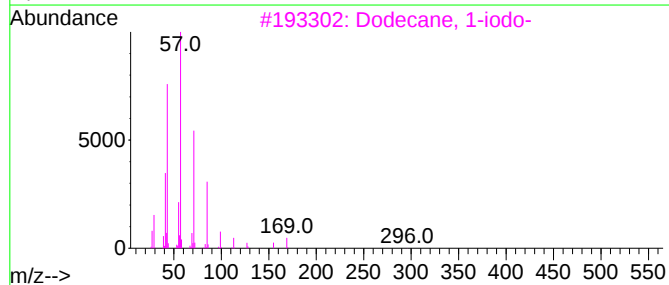
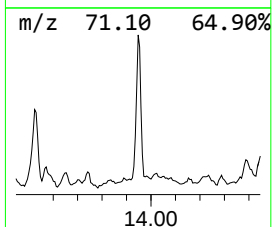
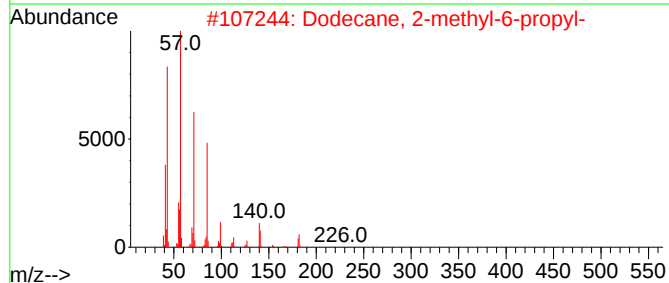
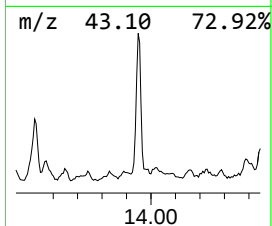
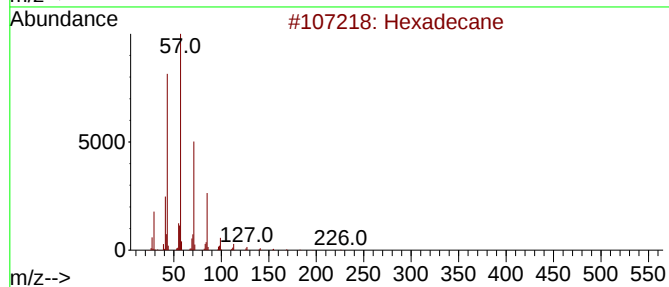
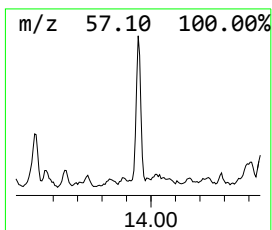
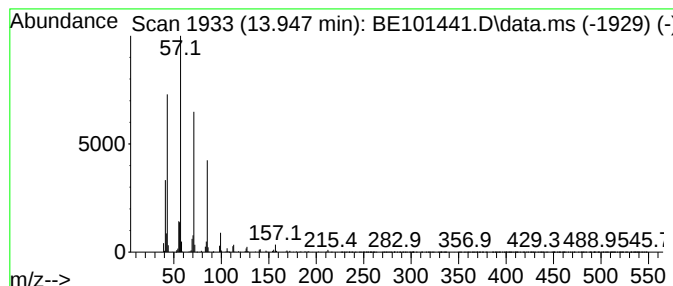
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	2.39 ng	213579	Acenaphthene-d10	14.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	55
4			Pentadecane	212	C15H32	000629-62-9	52
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47



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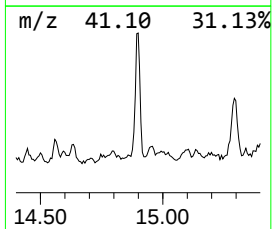
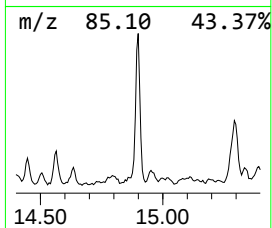
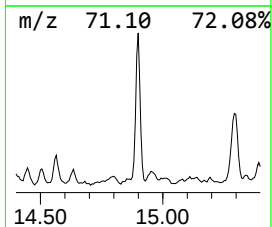
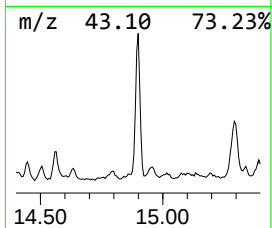
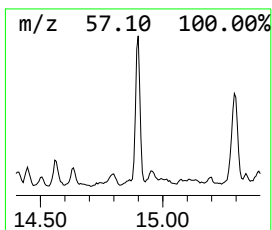
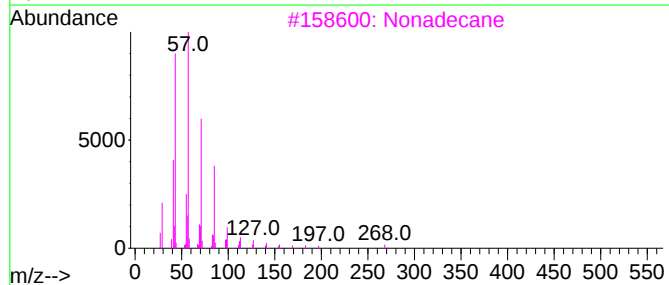
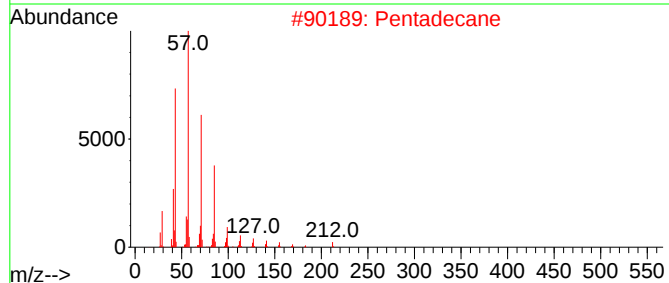
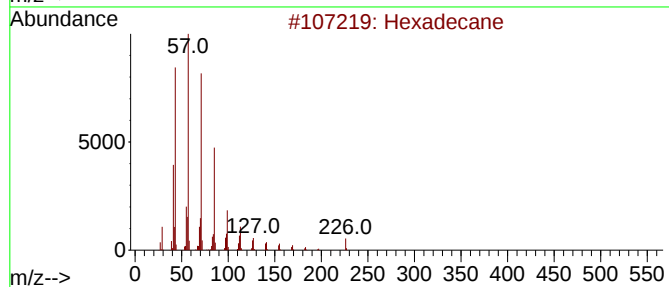
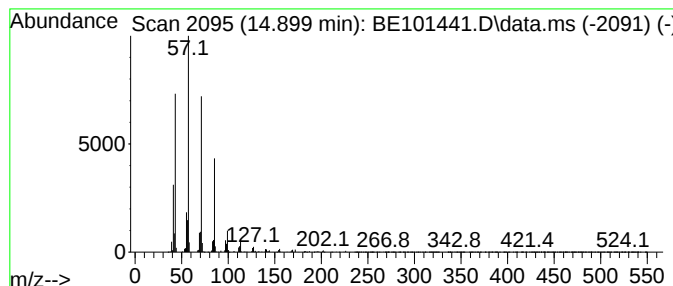
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.899	3.82 ng	341776	Acenaphthene-d10	14.182

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Pentadecane	212	C15H32	000629-62-9	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



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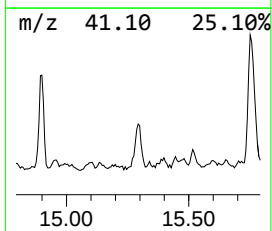
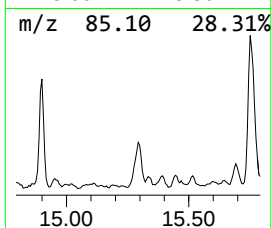
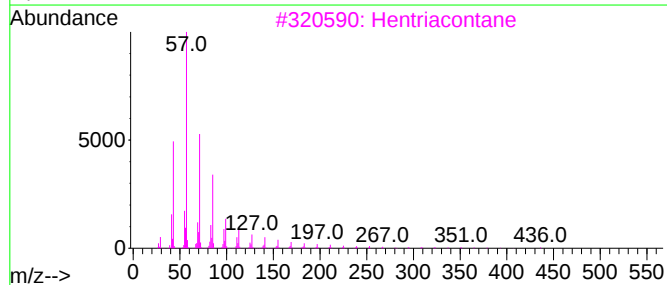
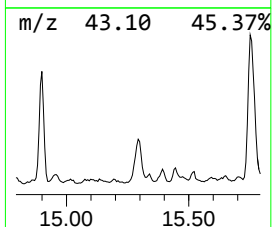
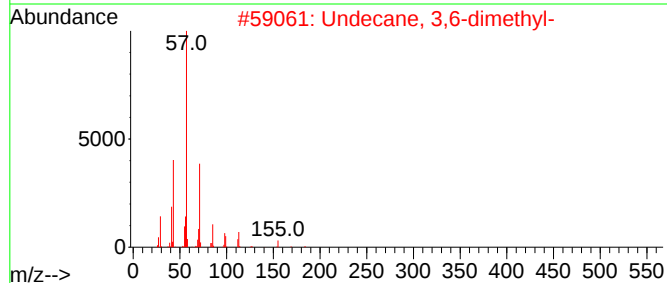
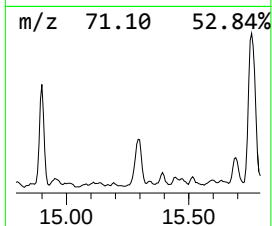
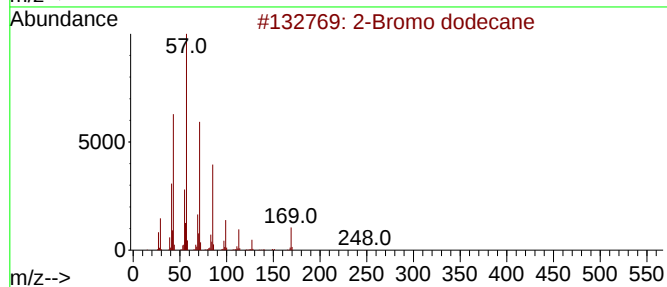
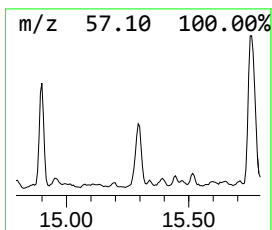
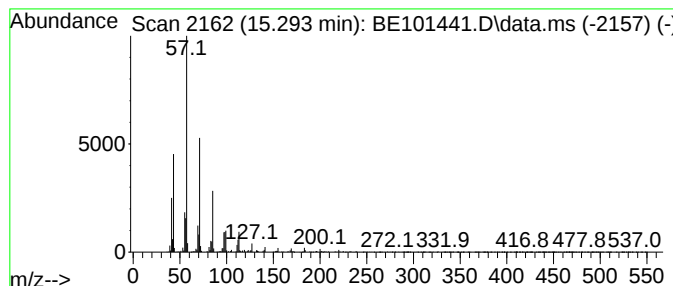
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Peak Number 5 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	2.72 ng	243101	Acenaphthene-d10	14.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3			Hentriacontane	437	C31H64	000630-04-6	80
4			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74
5			Eicosane	282	C20H42	000112-95-8	72



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HR-01-102924

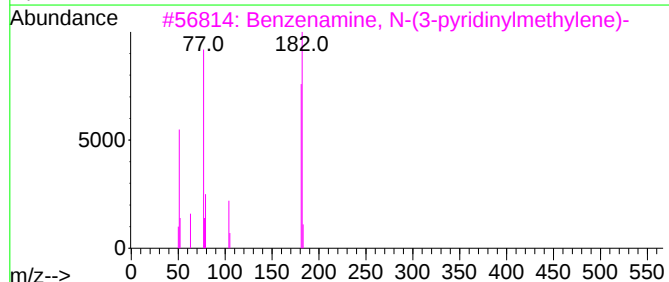
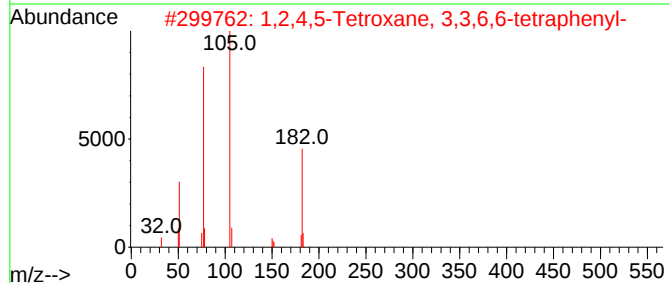
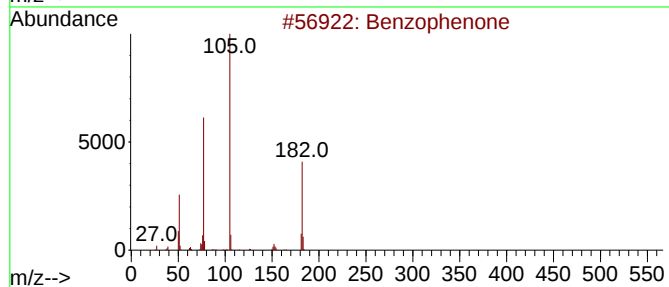
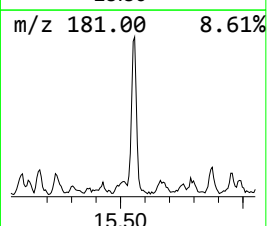
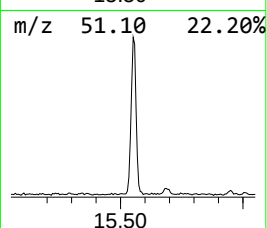
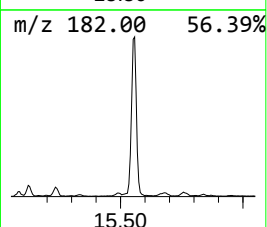
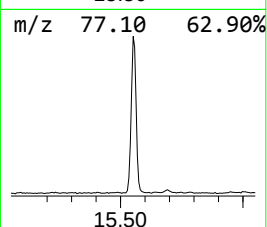
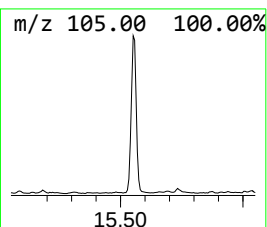
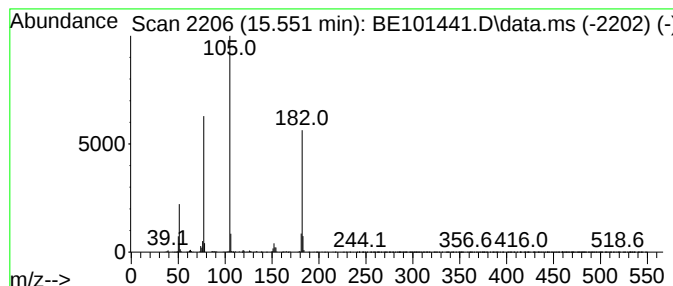
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	4.47 ng	454802	Phenanthrene-d10	16.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
4			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	40
5			Azobenzene	182	C12H10N2	000103-33-3	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101441.D
Acq On : 31 Oct 2024 20:00
Operator : RC/JU
Sample : P4618-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HR-01-102924

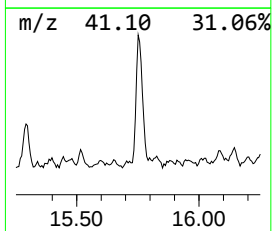
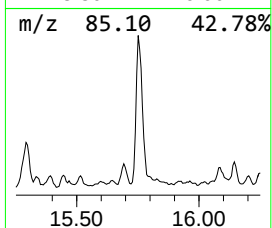
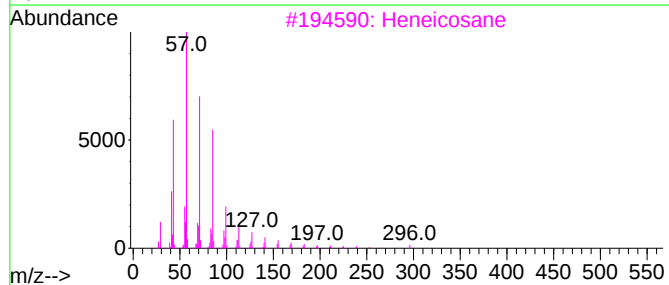
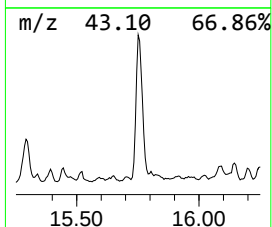
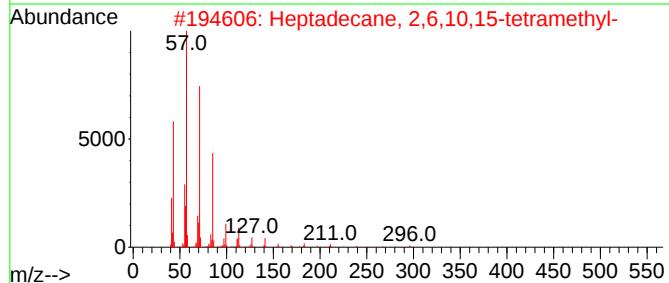
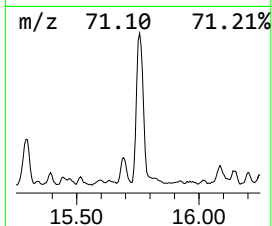
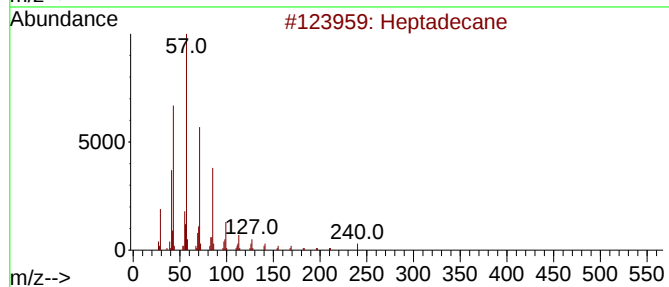
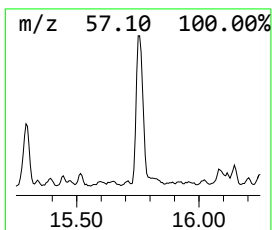
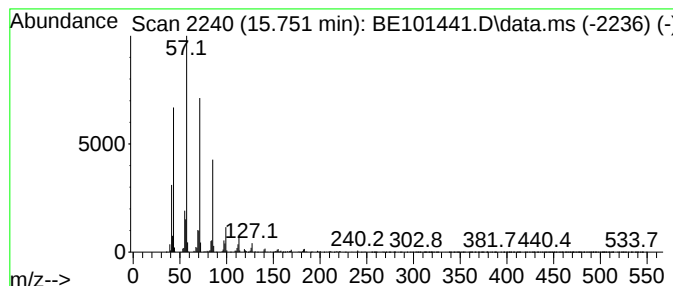
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	7.27 ng	739429	Phenanthrene-d10	16.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octadecane	254	C18H38	000593-45-3	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
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Sample : P4618-01
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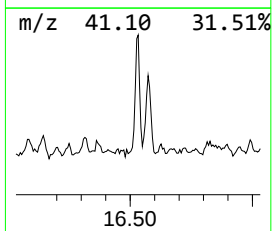
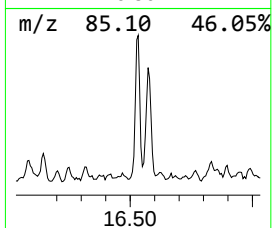
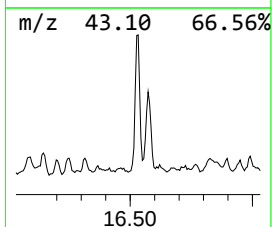
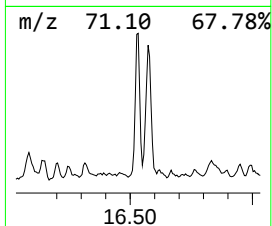
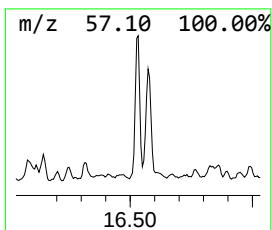
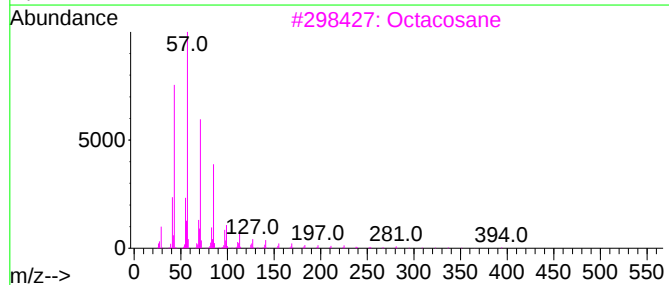
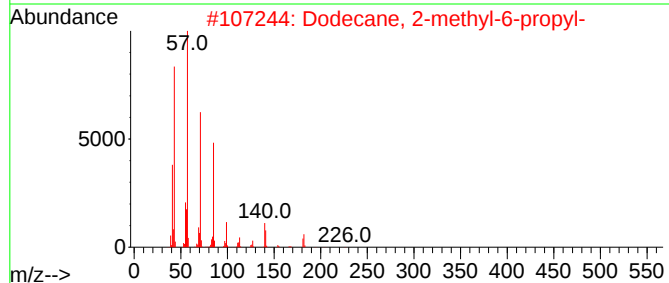
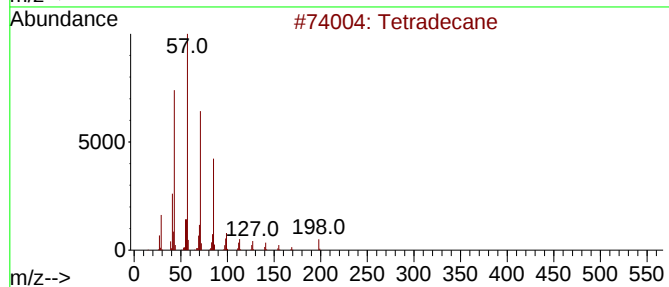
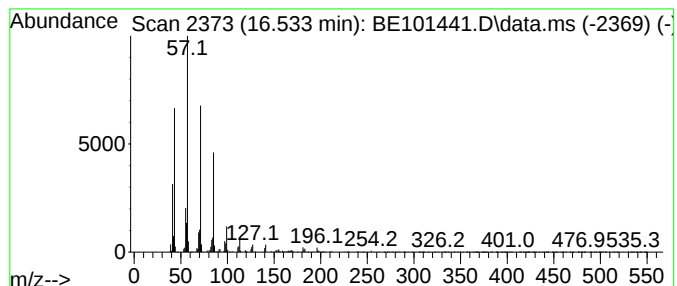
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.532	3.31 ng	336851	Phenanthrene-d10		16.920	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	95
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
3	Octacosane		394	C28H58	000630-02-4	91
4	Pentadecane		212	C15H32	000629-62-9	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101441.D
Acq On : 31 Oct 2024 20:00
Operator : RC/JU
Sample : P4618-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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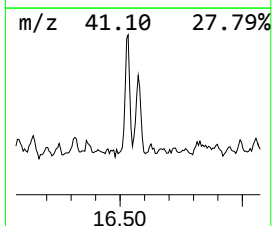
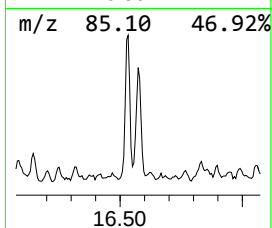
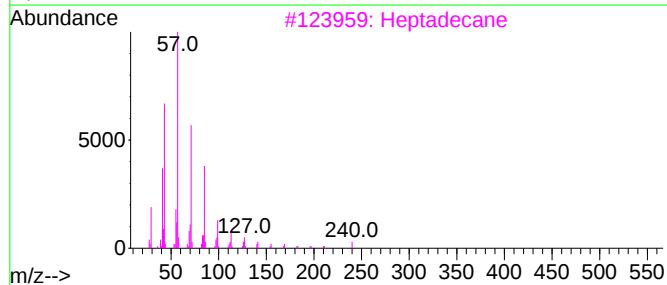
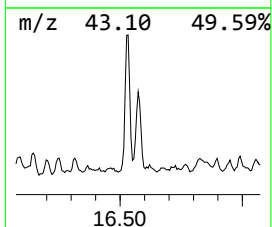
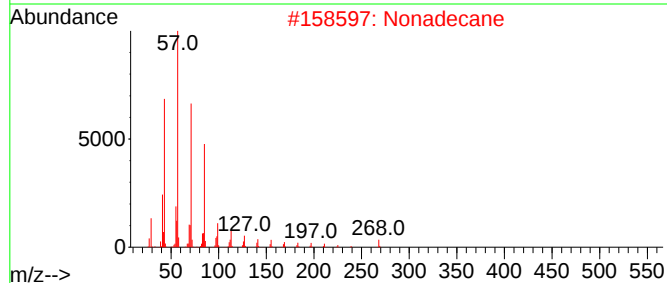
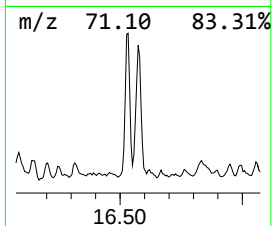
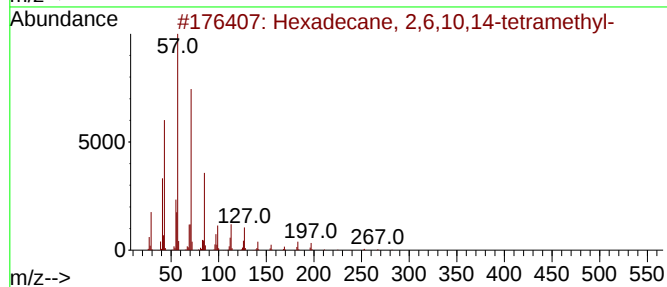
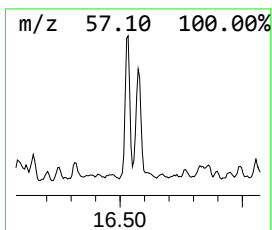
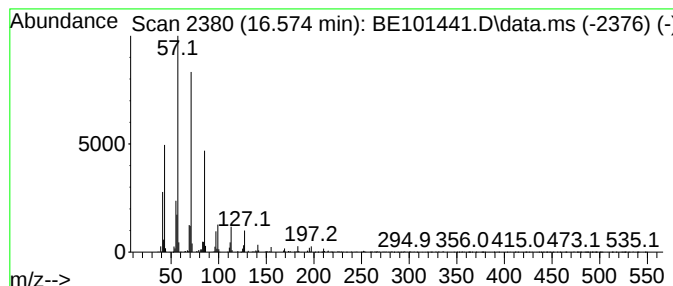
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.574	3.03 ng	307966	Phenanthrene-d10	16.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2			Nonadecane	268	C19H40	000629-92-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101441.D
Acq On : 31 Oct 2024 20:00
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ClientSampleId :
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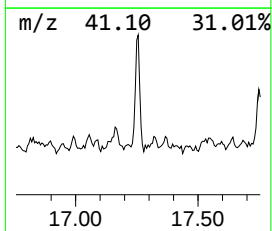
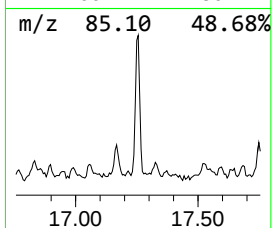
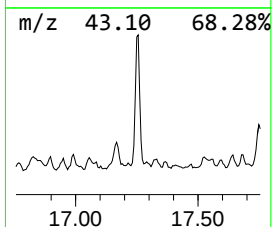
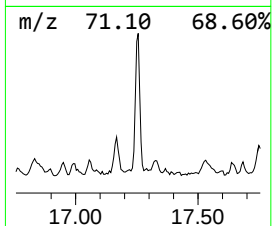
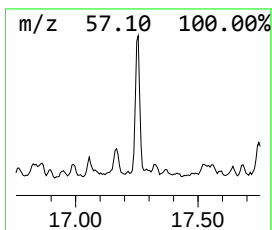
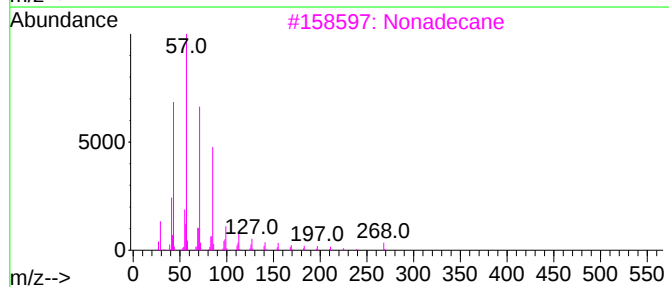
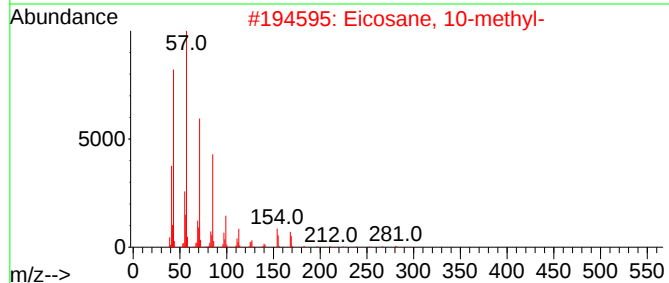
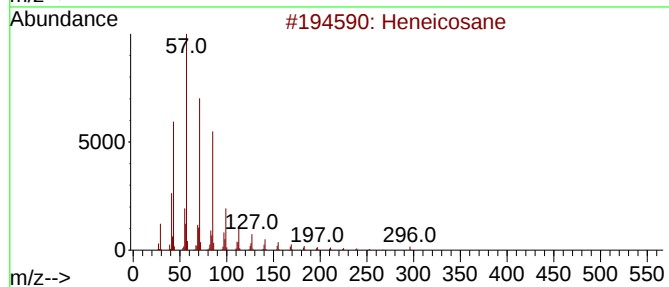
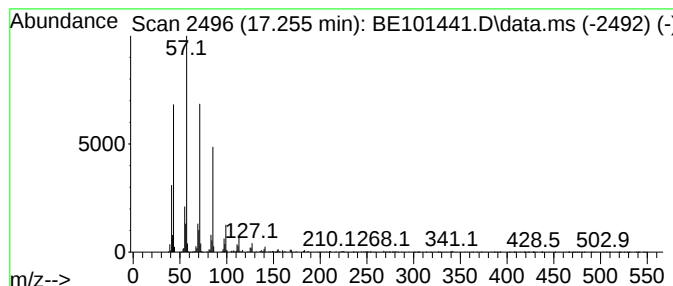
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.255	3.04 ng	308631	Phenanthrene-d10	16.920

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
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Acq On : 31 Oct 2024 20:00
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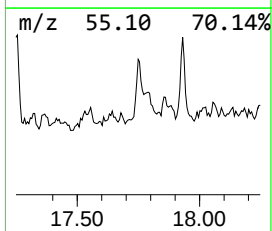
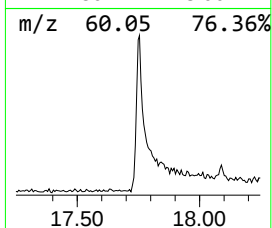
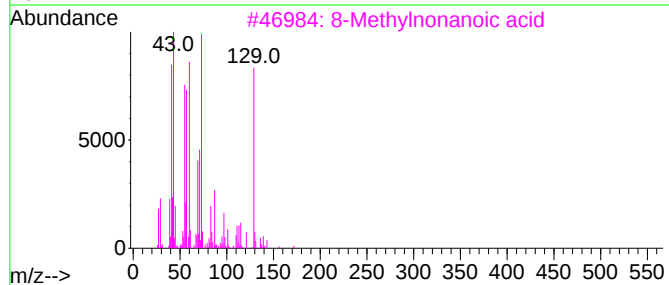
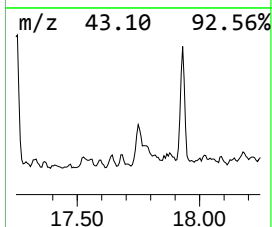
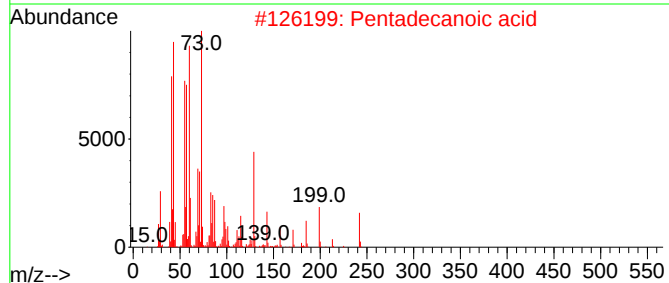
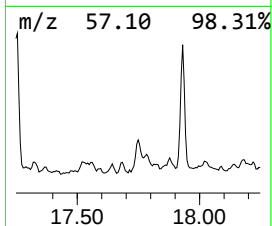
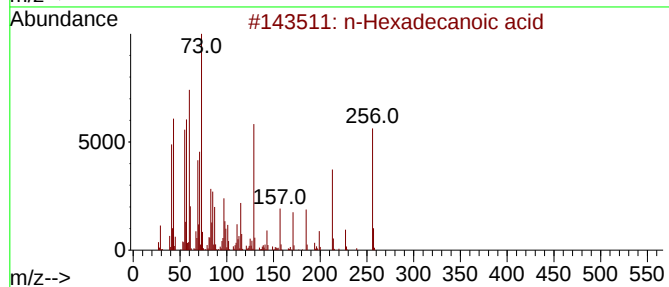
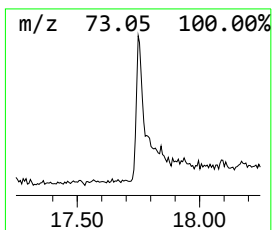
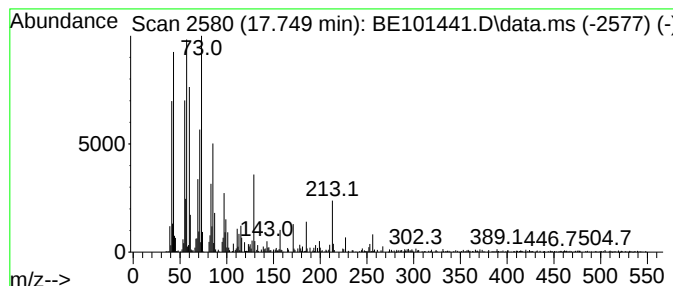
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.749	2.54 ng	258014	Phenanthrene-d10		16.920	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	52
3	8-Methylnonanoic acid		172	C10H20O2	005963-14-4	49
4	Nonadecane, 1-chloro-		302	C19H39Cl	062016-76-6	47
5	Triacontane		422	C30H62	000638-68-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
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Acq On : 31 Oct 2024 20:00
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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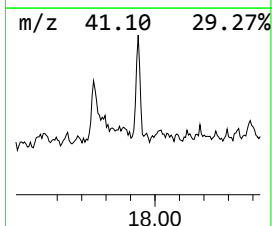
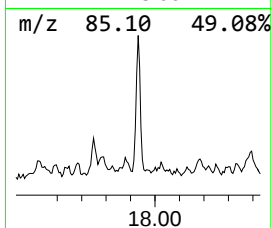
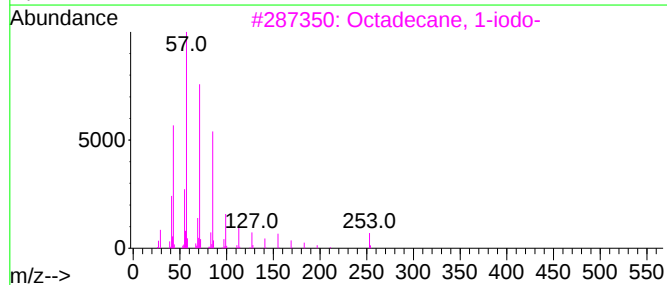
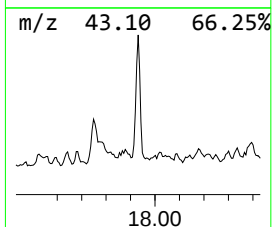
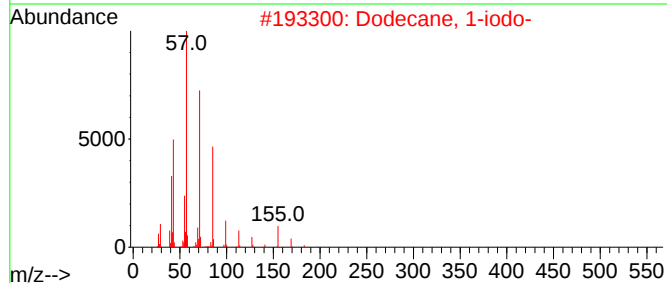
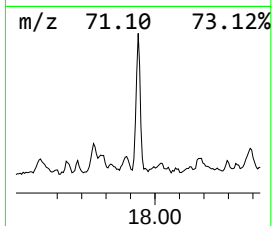
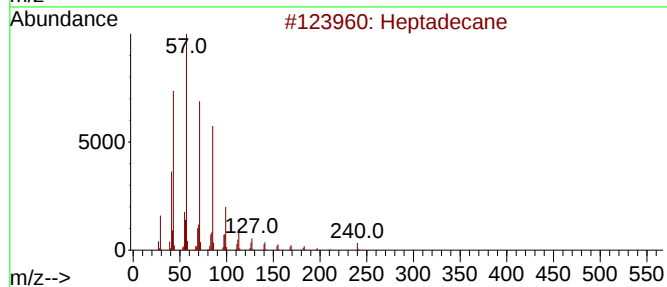
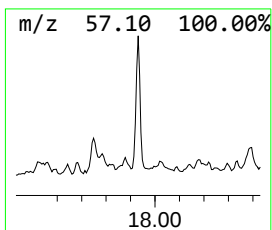
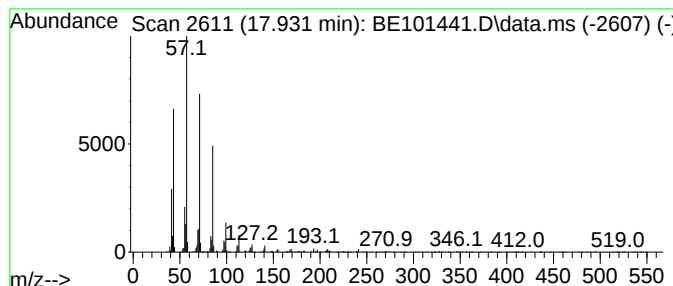
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.931	2.60 ng	264726	Phenanthrene-d10	16.920

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101441.D
Acq On : 31 Oct 2024 20:00
Operator : RC/JU
Sample : P4618-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

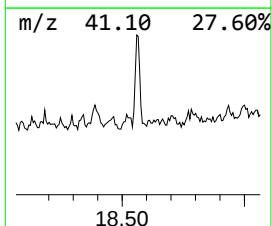
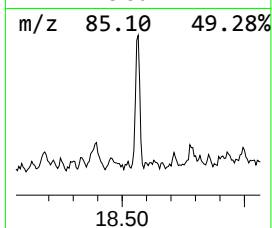
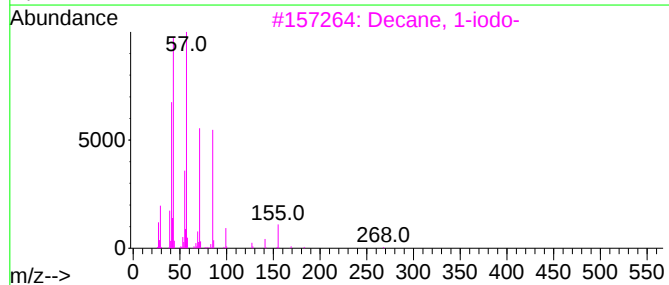
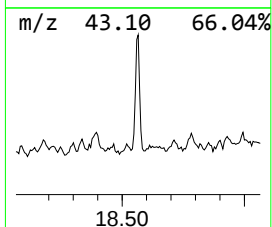
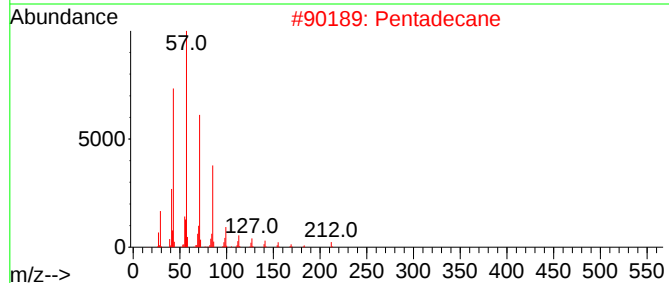
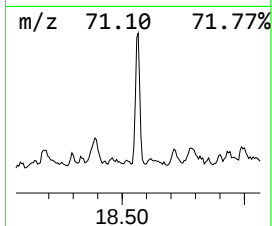
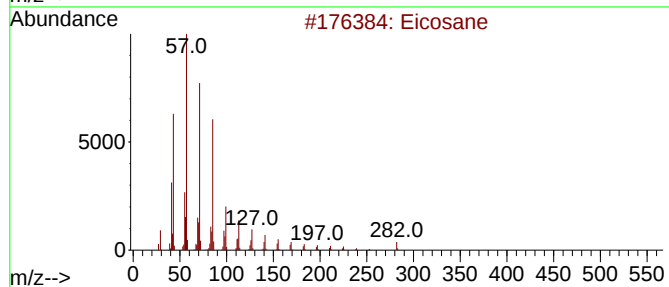
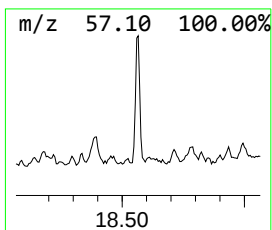
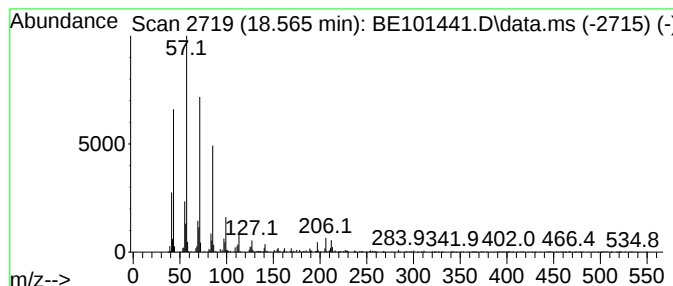
Instrument :
BNA_E
ClientSampleId :
HR-01-102924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.565	2.42 ng	246005	Phenanthrene-d10		16.920	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Pentadecane		212	C15H32	000629-62-9	87
3	Decane, 1-iodo-		268	C10H21I	002050-77-3	81
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	74
5	Heneicosane		296	C21H44	000629-94-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101441.D
Acq On : 31 Oct 2024 20:00
Operator : RC/JU
Sample : P4618-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HR-01-102924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.878	24.9	ng	987270	1	7.578	793997	20.0
Heptadecane, 2,...	12.872	2.1	ng	186242	3	14.182	1787510	20.0
Hexadecane	13.947	2.4	ng	213579	3	14.182	1787510	20.0
Pentadecane	14.899	3.8	ng	341776	3	14.182	1787510	20.0
2-Bromo dodecane	15.293	2.7	ng	243101	3	14.182	1787510	20.0
Benzophenone	15.551	4.5	ng	454802	4	16.920	2033230	20.0
Heptadecane	15.751	7.3	ng	739429	4	16.920	2033230	20.0
Tetradecane	16.532	3.3	ng	336851	4	16.920	2033230	20.0
Hexadecane, 2,6...	16.574	3.0	ng	307966	4	16.920	2033230	20.0
Heneicosane	17.255	3.0	ng	308631	4	16.920	2033230	20.0
n-Hexadecanoic ...	17.749	2.5	ng	258014	4	16.920	2033230	20.0
Dodecane, 1-iodo-	17.931	2.6	ng	264726	4	16.920	2033230	20.0
Eicosane	18.565	2.4	ng	246005	4	16.920	2033230	20.0