

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131374.D
 Acq On : 23 Nov 2022 22:11
 Operator : CG\JU
 Sample : N5642-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-23

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_F\Methods\8270-BF112122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.328	31	41	47	rVB	1141256	1492731	53.50%	7.199%
2	5.187	523	527	539	rVB	325779	435521	15.61%	2.101%
3	5.569	587	592	595	rBV	2518030	2757900	98.84%	13.301%
4	6.569	756	762	765	rBV	2458981	2697703	96.68%	13.011%
5	6.951	823	827	830	rVB	933860	716946	25.69%	3.458%
6	7.516	917	923	926	rBV	1651098	1736976	62.25%	8.377%
7	8.239	1041	1046	1049	rBV	1054471	870086	31.18%	4.196%
8	9.322	1224	1230	1233	rBV	3306013	2790244	100.00%	13.457%
9	10.004	1341	1346	1349	rBV	1108828	891369	31.95%	4.299%
10	10.722	1464	1468	1471	rBV	492869	365658	13.10%	1.764%
11	10.798	1476	1481	1484	rBV	1592278	1481888	53.11%	7.147%
12	11.498	1596	1600	1603	rBV	889530	741451	26.57%	3.576%
13	11.604	1614	1618	1620	rVB	45597	35521	1.27%	0.171%
14	12.022	1681	1689	1693	rBV	192177	178720	6.41%	0.862%
15	12.716	1803	1807	1811	rBV	35139	40629	1.46%	0.196%
16	12.810	1820	1823	1828	rBV	38502	35208	1.26%	0.170%
17	12.951	1842	1847	1851	rBV2	27312	36597	1.31%	0.177%
18	13.098	1867	1872	1875	rBV	2039184	1898836	68.05%	9.158%
19	13.998	2022	2025	2026	rBV	46272	42226	1.51%	0.204%
20	14.157	2048	2052	2055	rVB	617539	556315	19.94%	2.683%
21	14.251	2063	2068	2074	rVV	72647	86602	3.10%	0.418%
22	14.316	2076	2079	2083	rVB	36566	35931	1.29%	0.173%
23	14.621	2129	2131	2136	rVB	36248	37957	1.36%	0.183%
24	14.951	2185	2187	2191	rVB2	39286	40872	1.46%	0.197%
25	15.033	2198	2201	2204	rVB	61006	59623	2.14%	0.288%
26	15.315	2247	2249	2255	rVB	48940	51351	1.84%	0.248%
27	15.692	2308	2313	2317	rBV	392578	492135	17.64%	2.374%
28	15.727	2317	2319	2324	rVB	51268	60772	2.18%	0.293%
29	16.198	2396	2399	2405	rBV	40319	66336	2.38%	0.320%

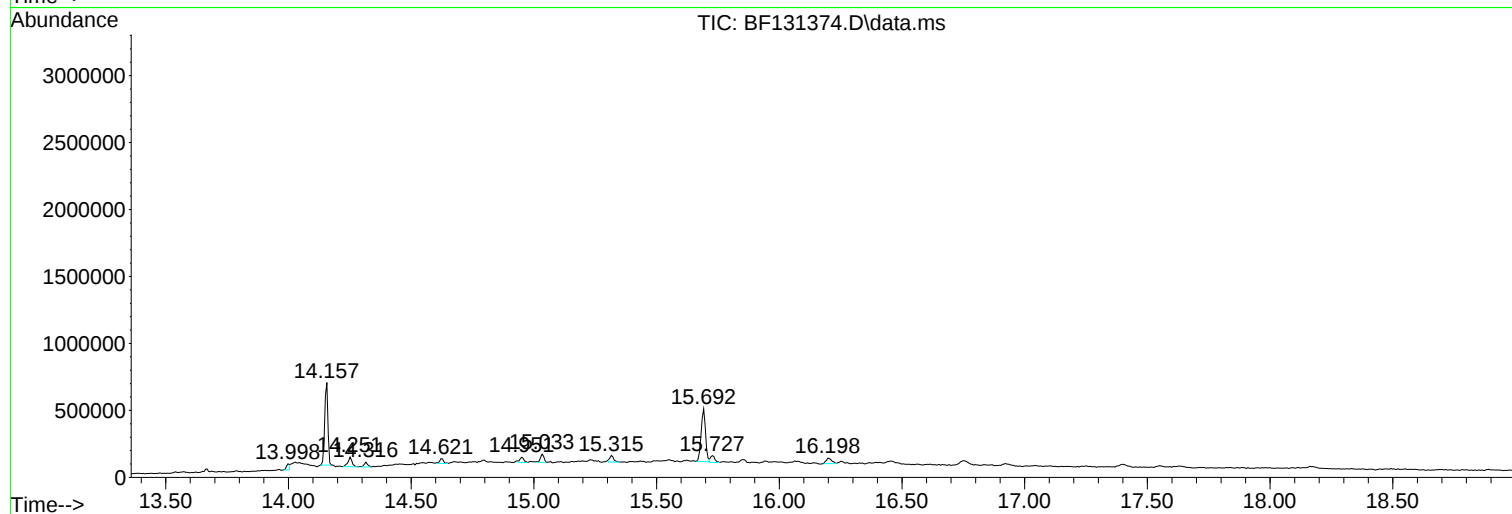
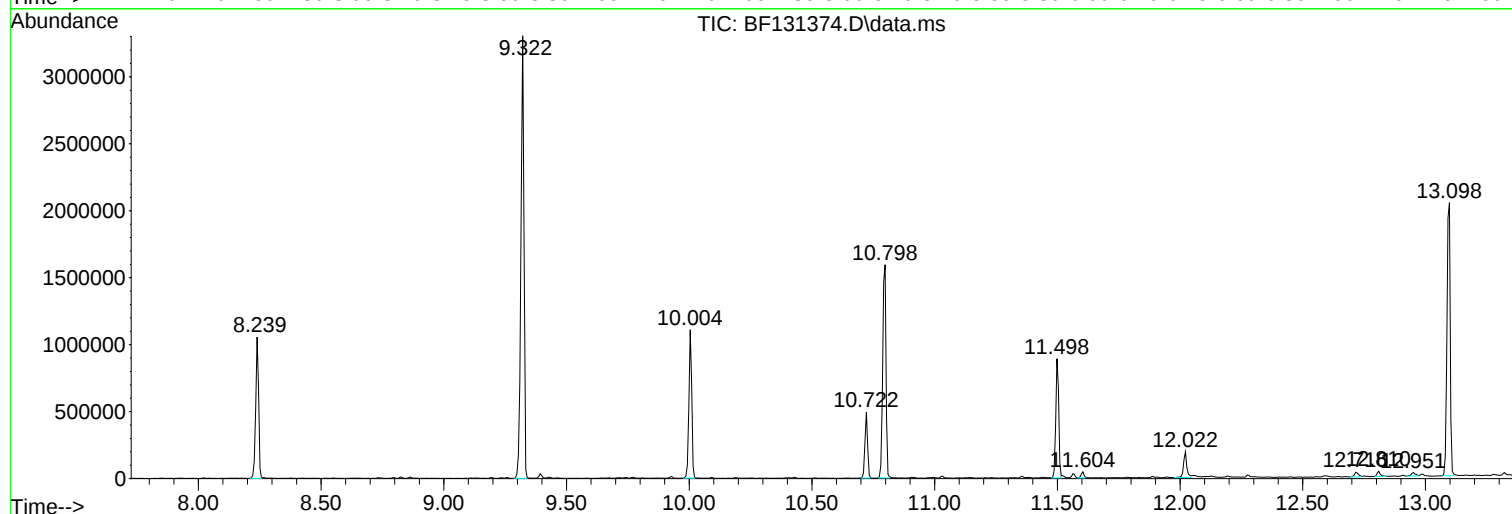
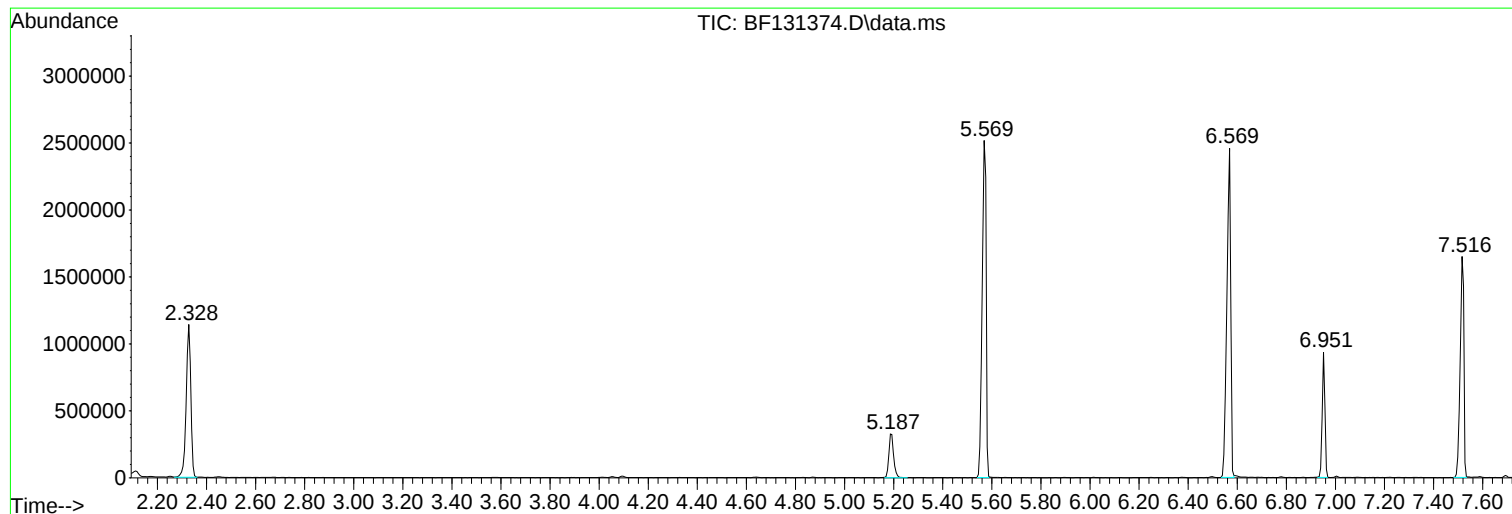
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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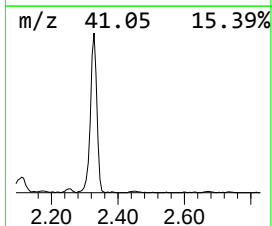
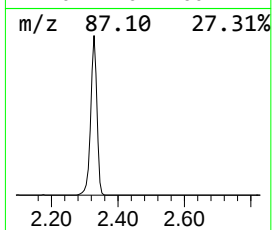
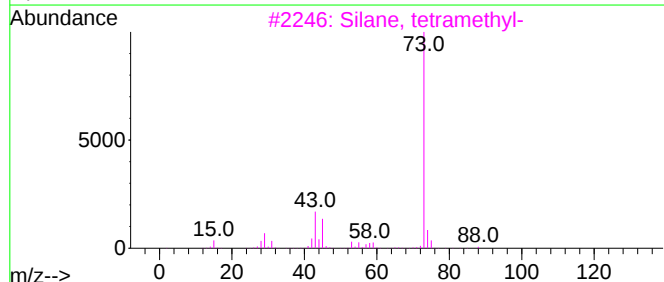
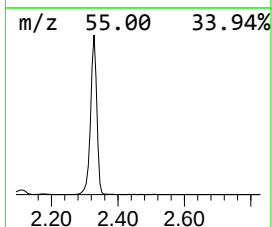
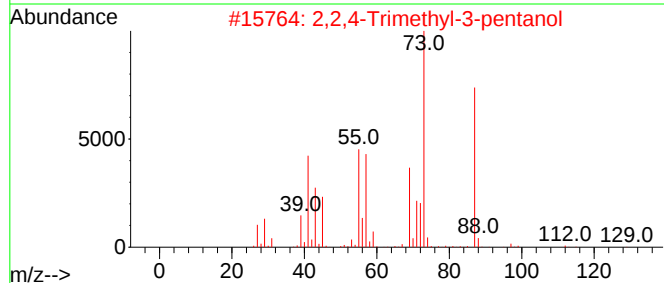
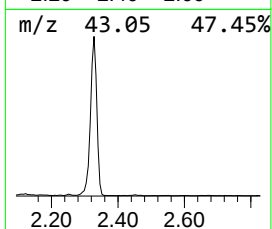
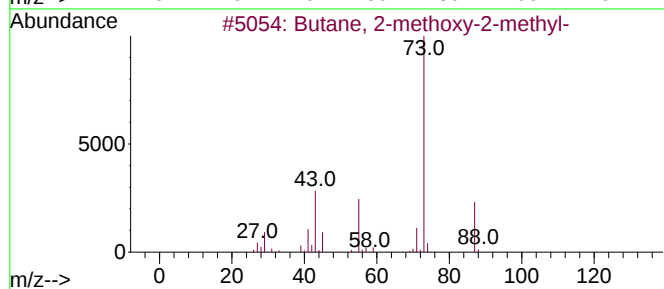
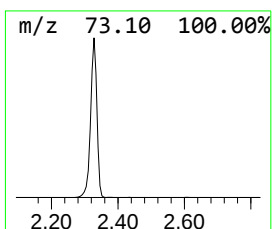
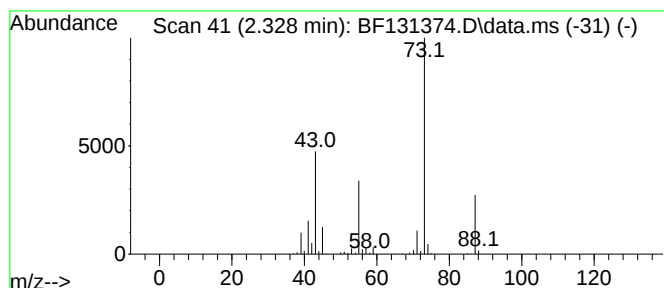
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.328	41.64 ng	1492730	1,4-Dichlorobenzene-d4	6.951

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			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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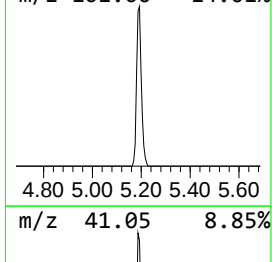
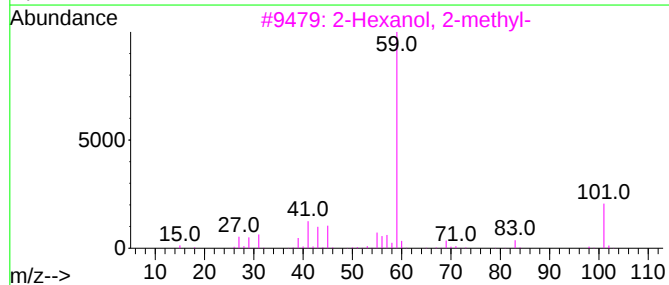
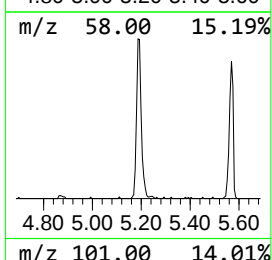
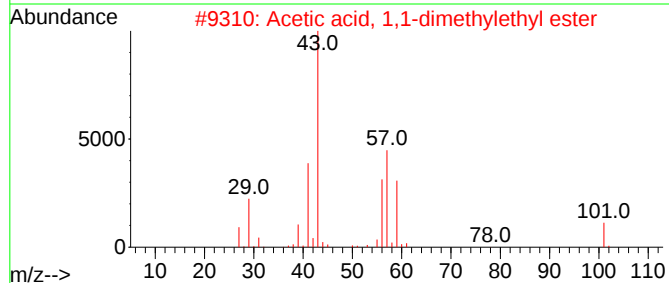
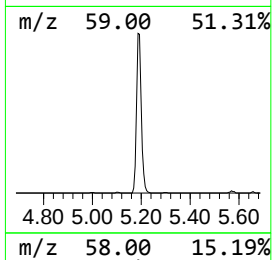
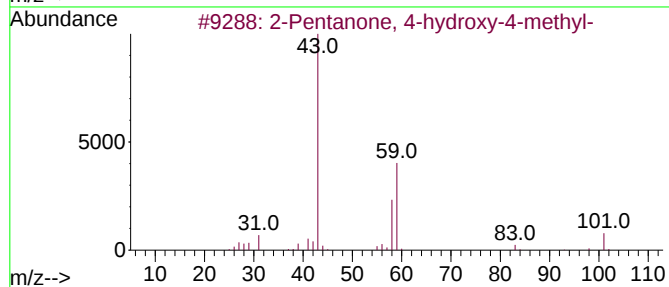
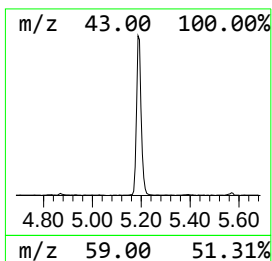
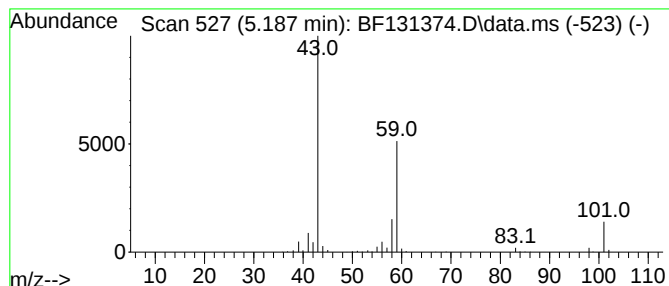
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	12.15 ng	435521	1,4-Dichlorobenzene-d4	6.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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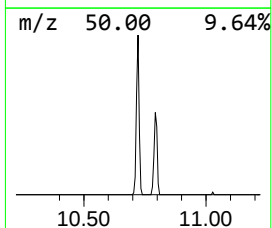
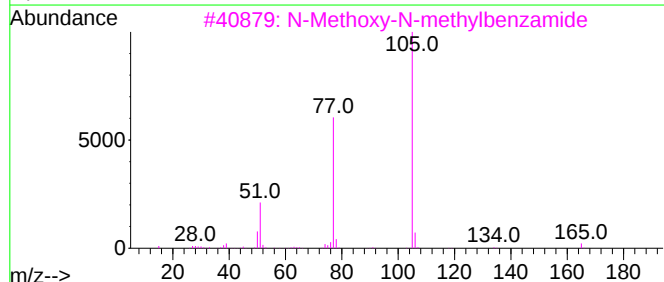
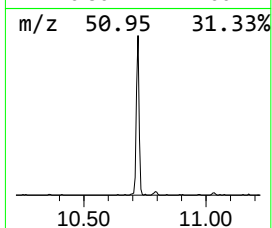
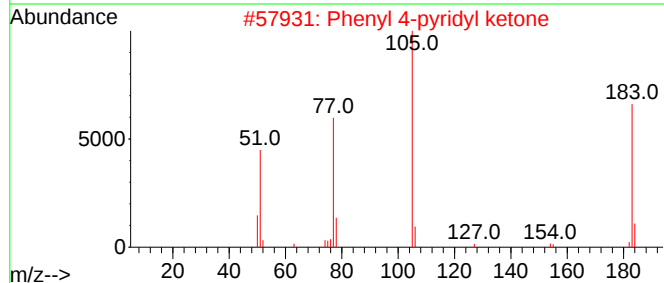
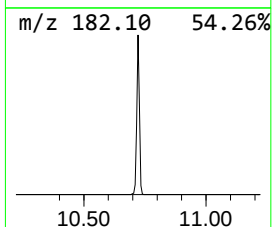
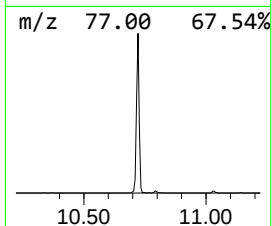
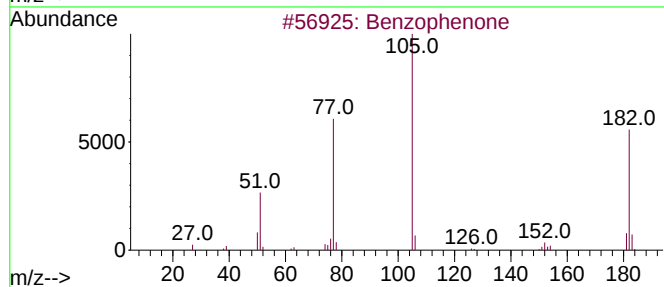
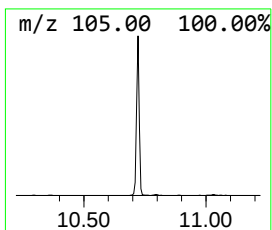
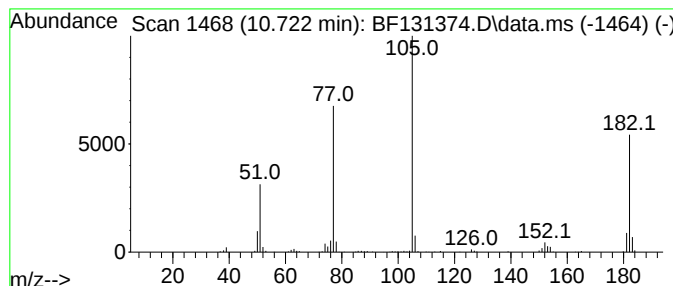
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	8.20 ng	365658	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	50
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50



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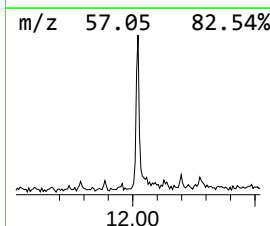
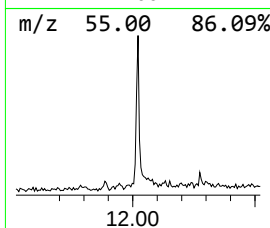
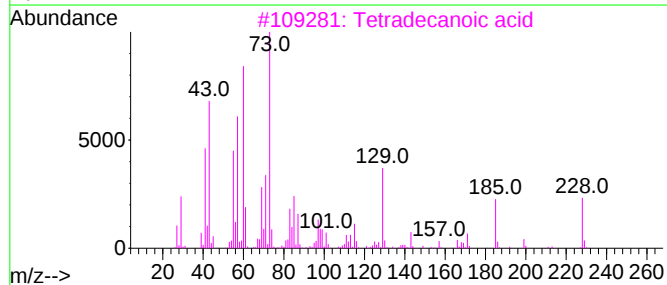
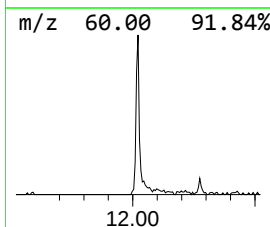
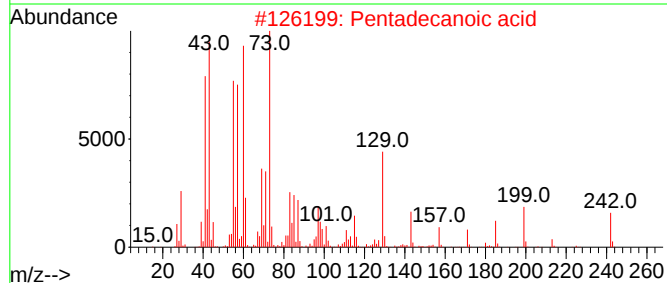
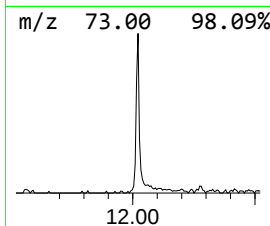
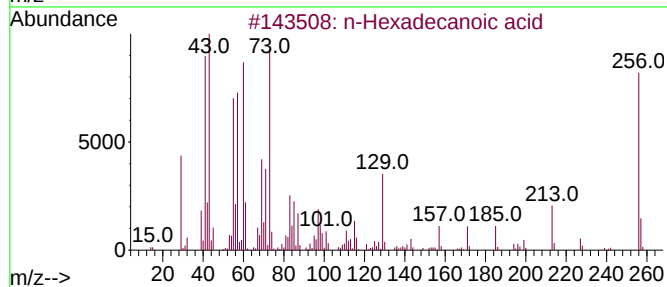
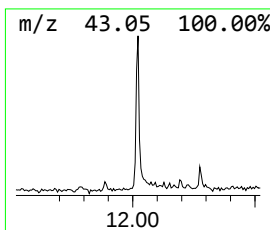
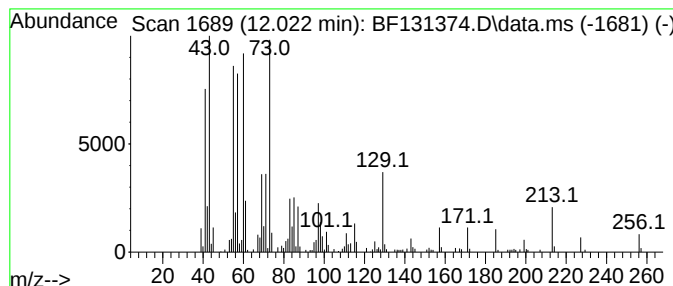
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	4.82 ng	178720	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	62
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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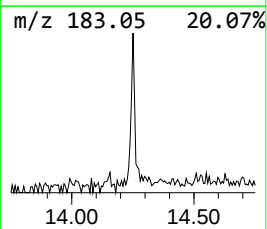
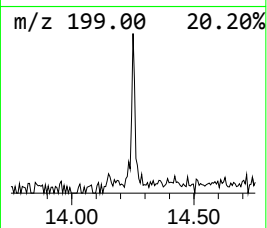
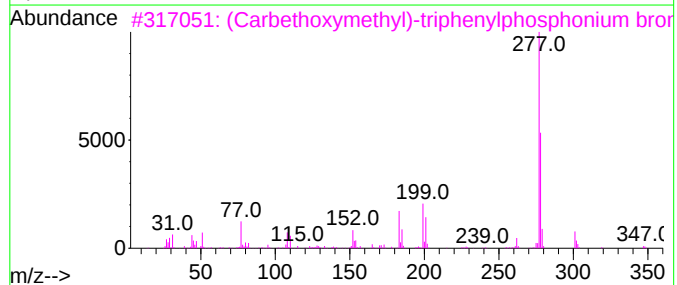
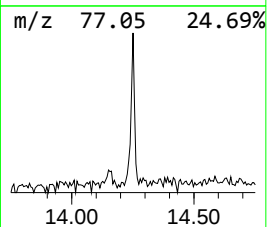
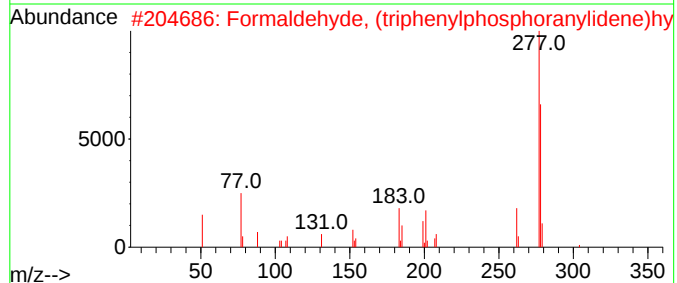
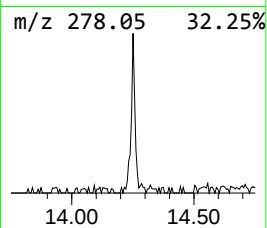
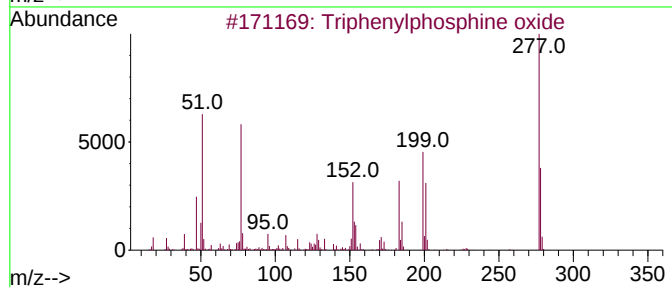
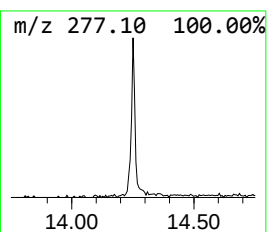
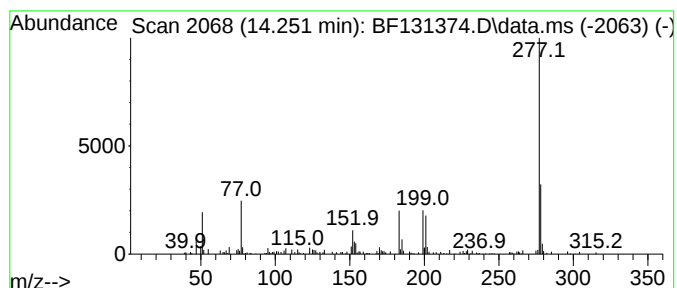
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	3.11 ng	86602	Chrysene-d12	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	70
2			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
3			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
4			Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	42
5			2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	38



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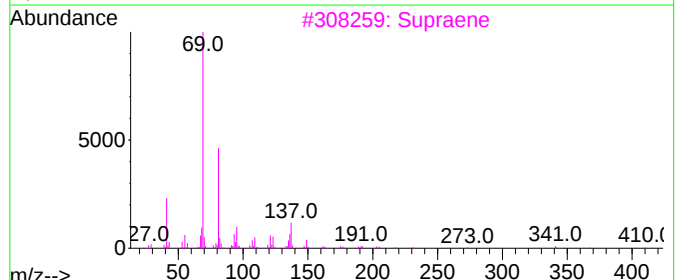
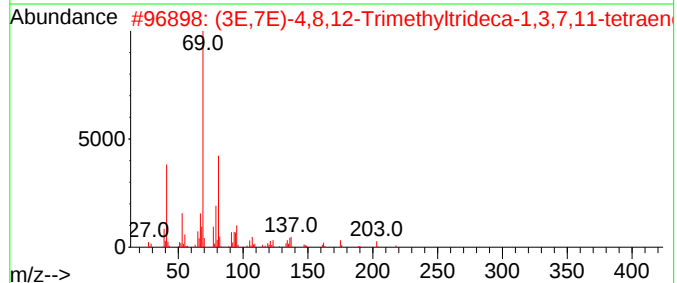
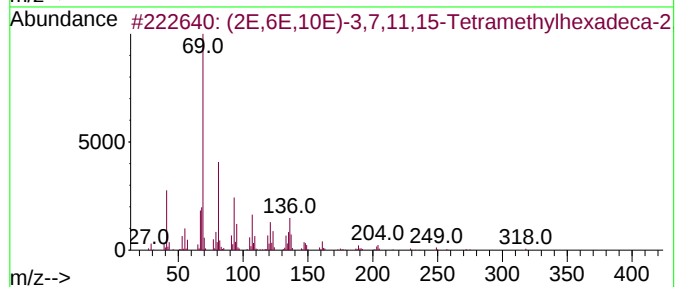
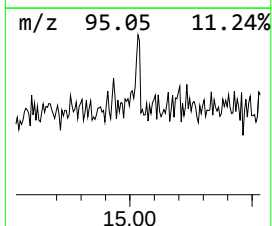
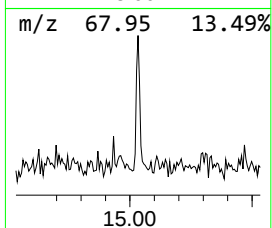
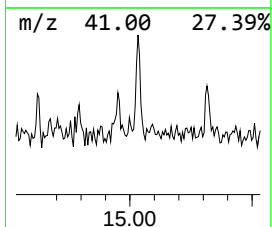
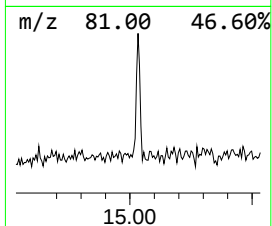
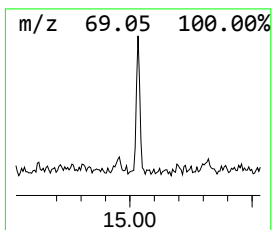
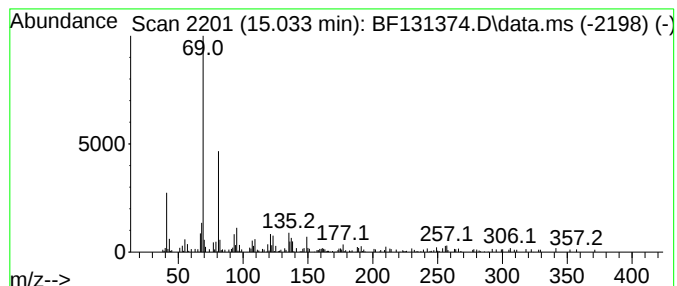
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 (2E,6E,10E)-3,7,11,15-Tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.033	2.42 ng	59623	Perylene-d12	15.692	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	83
2	(3E,7E)-4,8,12-Trimethyltrideca...	218	C16H26	062235-06-7	74
3	Supraene	410	C30H50	007683-64-9	72
4	3,7,11-Tridecatricienoic acid, 4,8...	264	C17H28O2	036237-70-4	64
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131374.D
Acq On : 23 Nov 2022 22:11
Operator : CG\JU
Sample : N5642-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

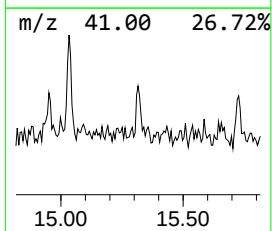
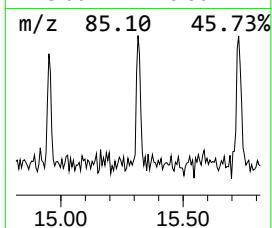
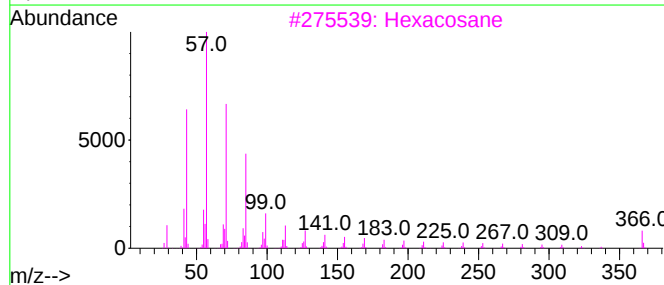
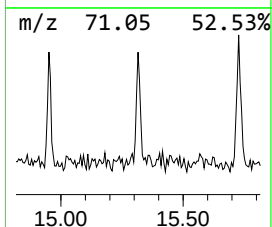
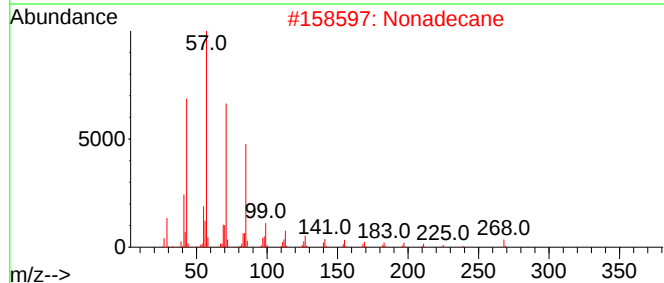
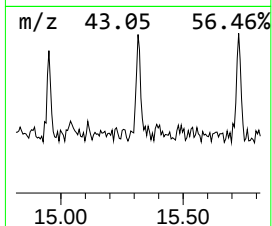
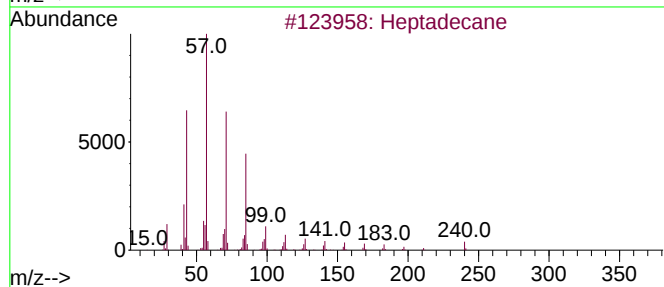
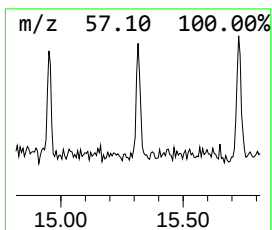
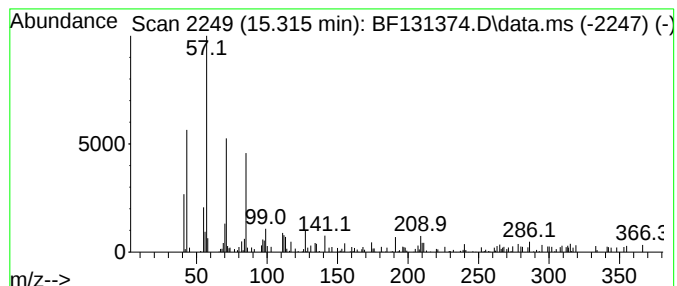
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	2.09 ng	51351	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Nonadecane	268	C19H40	000629-92-5	86
3			Hexacosane	366	C26H54	000630-01-3	76
4			Tetradecane	198	C14H30	000629-59-4	70
5			Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131374.D
Acq On : 23 Nov 2022 22:11
Operator : CG\JU
Sample : N5642-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

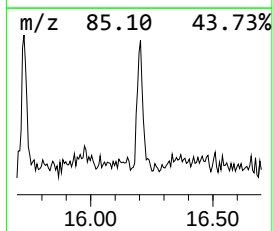
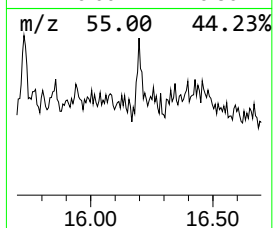
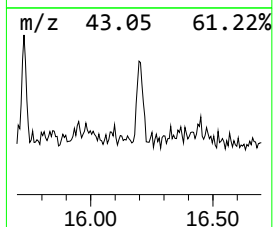
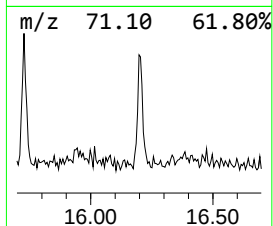
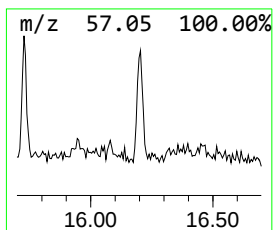
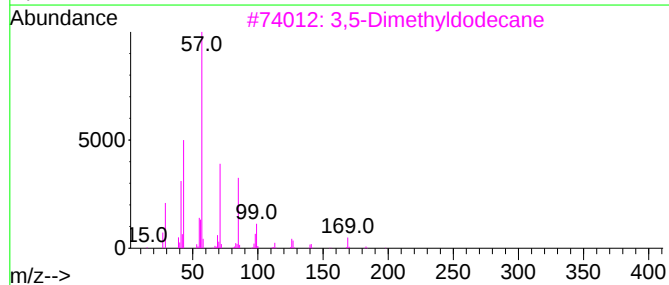
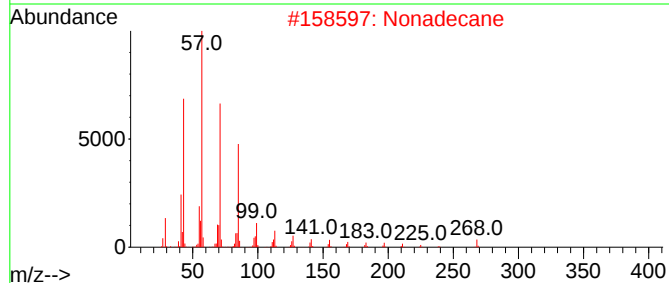
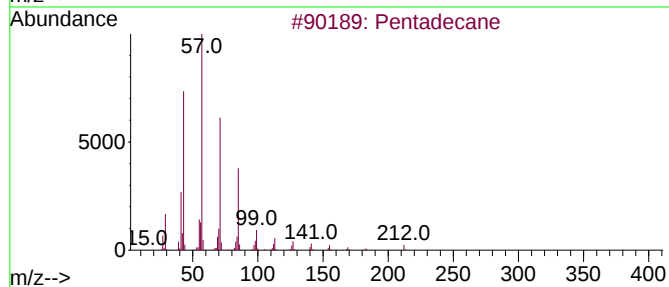
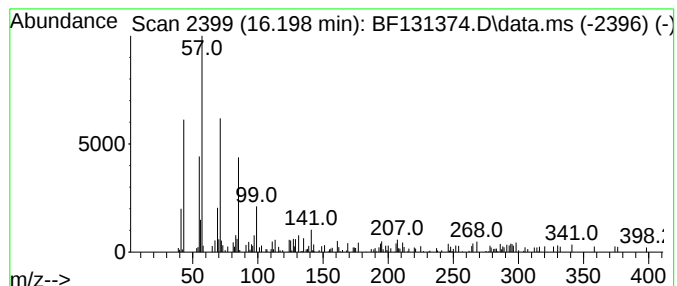
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	2.70 ng	66336	Perylene-d12	15.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	64
2			Nonadecane	268	C19H40	000629-92-5	62
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4			Hexacosane	366	C26H54	000630-01-3	58
5			Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131374.D
Acq On : 23 Nov 2022 22:11
Operator : CG\JU
Sample : N5642-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.328	41.6	ng	1492730	1	6.951	716946	20.0
2-Pentanone, 4-...	5.187	12.2	ng	435521	1	6.951	716946	20.0
Benzophenone	10.722	8.2	ng	365658	3	10.004	891369	20.0
n-Hexadecanoic ...	12.022	4.8	ng	178720	4	11.498	741451	20.0
Triphenylphosph...	14.251	3.1	ng	86602	5	14.157	556315	20.0
(2E,6E,10E)-3,7...	15.033	2.4	ng	59623	6	15.692	492135	20.0
Heptadecane	15.316	2.1	ng	51351	6	15.692	492135	20.0
Pentadecane	16.198	2.7	ng	66336	6	15.692	492135	20.0