

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131480.D
 Acq On : 30 Nov 2022 20:00
 Operator : CG\JU
 Sample : N5789-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TFI-359

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: BF131480.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.251	21	28	36	rVB	475168	603824	29.22%	3.126%
2	2.363	39	47	53	rBV	32774	46802	2.27%	0.242%
3	4.551	415	419	424	rBV	48241	48484	2.35%	0.251%
4	5.175	518	525	528	rBV	1044116	1324458	64.10%	6.858%
5	5.563	586	591	594	rBV	1967764	1799013	87.07%	9.315%
6	5.957	654	658	663	rBV	120677	95239	4.61%	0.493%
7	6.569	756	762	765	rBV	1903370	1903913	92.14%	9.858%
8	6.945	822	826	829	rBV	742909	571158	27.64%	2.957%
9	7.510	917	922	925	rBV	1290064	1216249	58.86%	6.297%
10	8.233	1041	1045	1048	rBV	825896	706846	34.21%	3.660%
11	9.316	1224	1229	1232	rBV	2492271	2066263	100.00%	10.698%
12	9.863	1319	1322	1324	rBV	28892	27180	1.32%	0.141%
13	9.998	1341	1345	1349	rVB	906871	790524	38.26%	4.093%
14	10.716	1464	1467	1476	rVB	189044	143770	6.96%	0.744%
15	10.792	1476	1480	1484	rBV	1511576	1326115	64.18%	6.866%
16	10.916	1496	1501	1504	rBV5	23002	29971	1.45%	0.155%
17	11.498	1596	1600	1602	rBV	936410	790453	38.26%	4.093%
18	11.521	1602	1604	1607	rVV	127374	101896	4.93%	0.528%
19	11.569	1609	1612	1615	rVB	33956	31692	1.53%	0.164%
20	11.621	1615	1621	1624	rBV2	15993	25825	1.25%	0.134%
21	11.998	1682	1685	1687	rBV	29572	28987	1.40%	0.150%
22	12.021	1687	1689	1693	rVB2	69904	75538	3.66%	0.391%
23	12.110	1701	1704	1707	rBV2	46554	54409	2.63%	0.282%
24	12.551	1776	1779	1782	rBV	51269	55959	2.71%	0.290%
25	12.580	1782	1784	1788	rVV3	39682	55803	2.70%	0.289%
26	12.639	1791	1794	1798	rBV3	27032	29152	1.41%	0.151%
27	12.716	1804	1807	1810	rBV	245118	200702	9.71%	1.039%
28	12.951	1841	1847	1851	rBV	238499	288493	13.96%	1.494%
29	13.004	1854	1856	1859	rVB	33360	29628	1.43%	0.153%
30	13.092	1867	1871	1874	rBV	1986125	1618836	78.35%	8.382%
31	13.163	1879	1883	1889	rBV5	39556	66163	3.20%	0.343%
32	13.257	1895	1899	1900	rBV2	22961	27759	1.34%	0.144%
33	13.274	1900	1902	1905	rVB	61948	52415	2.54%	0.271%
34	13.315	1906	1909	1911	rBV	40525	37347	1.81%	0.193%
35	13.345	1911	1914	1917	rVB2	36361	28011	1.36%	0.145%
36	13.380	1917	1920	1924	rBV2	50496	46570	2.25%	0.241%

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37	13.474	1933	1936	1939	rVB	44882	35456	1.72%	0.184%
38	13.504	1939	1941	1945	rBV	35340	33433	1.62%	0.173%
39	13.657	1963	1967	1970	rBV2	57720	63064	3.05%	0.327%
40	13.680	1970	1971	1977	rVB6	22854	25164	1.22%	0.130%
41	13.786	1986	1989	1995	rVB2	26646	37969	1.84%	0.197%
42	13.904	2003	2009	2011	rBV3	25719	40474	1.96%	0.210%
43	13.992	2021	2024	2025	rBV2	52458	49926	2.42%	0.258%
44	14.151	2047	2051	2054	rVV2	570820	541326	26.20%	2.803%
45	14.174	2054	2055	2062	rVB	102699	105097	5.09%	0.544%
46	14.251	2063	2068	2073	rVB	132786	156869	7.59%	0.812%
47	14.310	2073	2078	2082	rBV3	50791	60822	2.94%	0.315%
48	14.539	2113	2117	2120	rVB	52045	55239	2.67%	0.286%
49	14.574	2120	2123	2126	rVB	37070	38979	1.89%	0.202%
50	14.615	2126	2130	2132	rBV	58692	61897	3.00%	0.320%
51	14.668	2136	2139	2141	rBV2	29758	30410	1.47%	0.157%
52	14.945	2183	2186	2189	rBV2	36694	35405	1.71%	0.183%
53	15.021	2196	2199	2204	rBV	118432	133839	6.48%	0.693%
54	15.227	2228	2234	2238	rBV	114331	200328	9.70%	1.037%
55	15.304	2244	2247	2250	rVV2	31606	32378	1.57%	0.168%
56	15.339	2251	2253	2258	rVB	25017	29752	1.44%	0.154%
57	15.551	2285	2289	2295	rVB	79015	101865	4.93%	0.527%
58	15.615	2296	2300	2306	rVB	122508	151228	7.32%	0.783%
59	15.686	2307	2312	2316	rBV	458893	615674	29.80%	3.188%
60	16.180	2394	2396	2403	rVB5	19255	33612	1.63%	0.174%
61	16.727	2485	2489	2495	rBV7	20220	36232	1.75%	0.188%
62	17.239	2571	2576	2588	rVB2	52378	118922	5.76%	0.616%
63	17.715	2650	2657	2664	rBV3	47076	106230	5.14%	0.550%
64	17.962	2695	2699	2705	rBV3	16759	36794	1.78%	0.191%

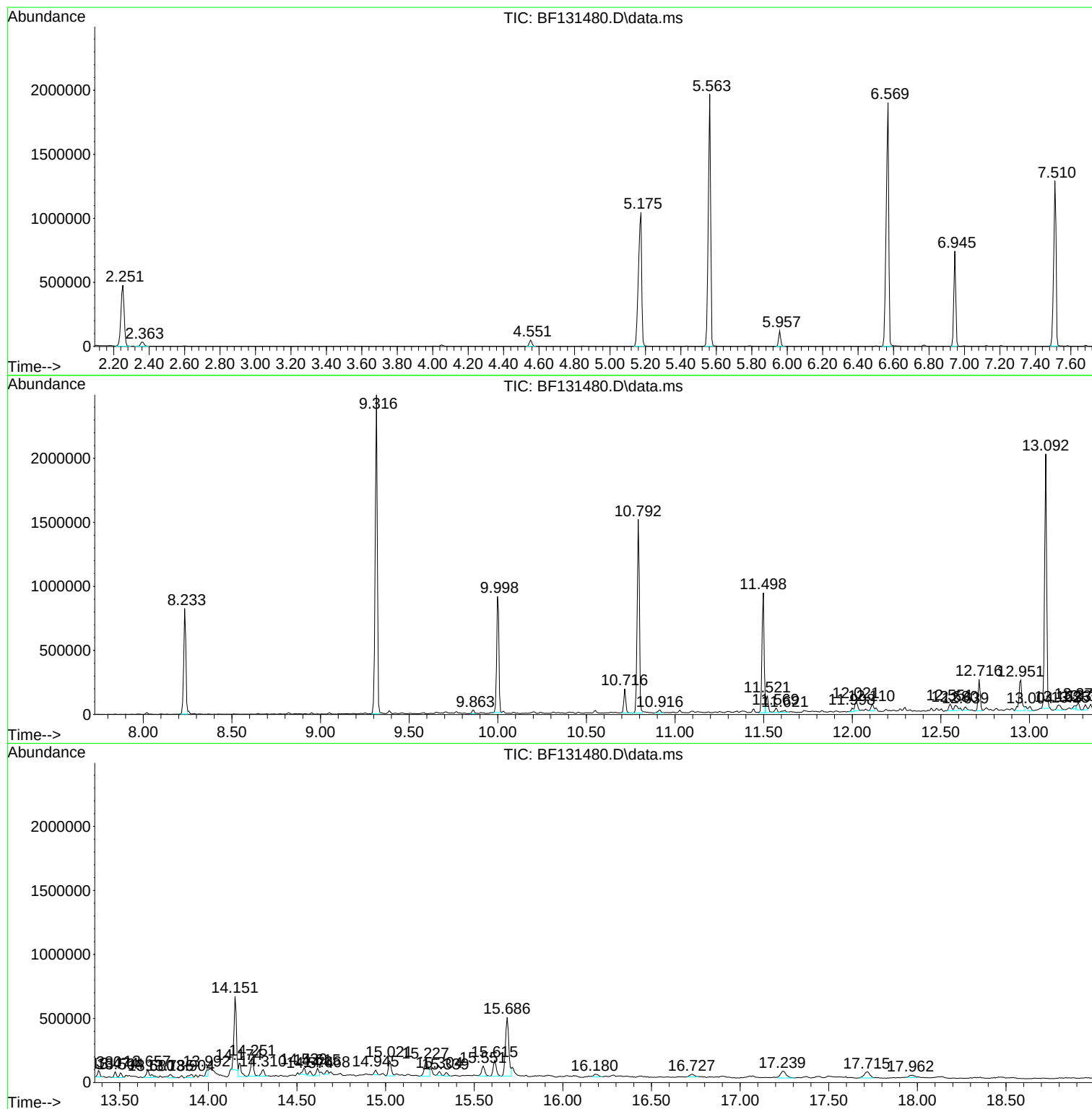
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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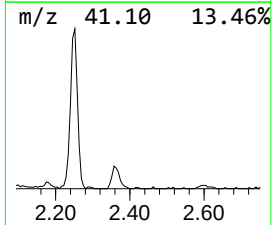
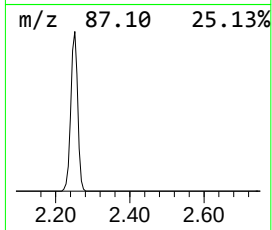
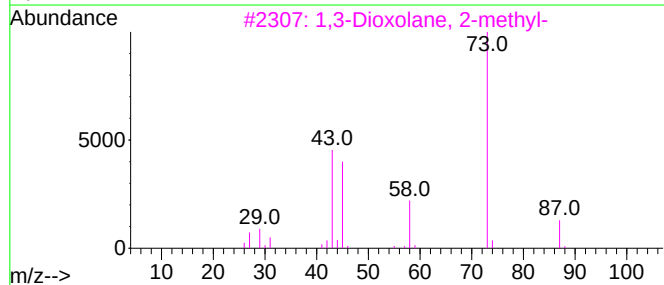
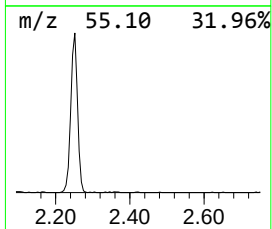
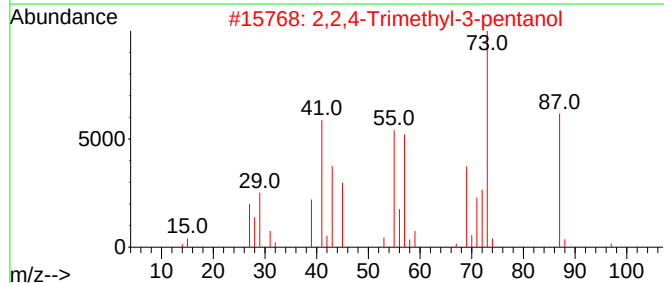
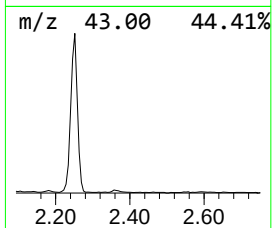
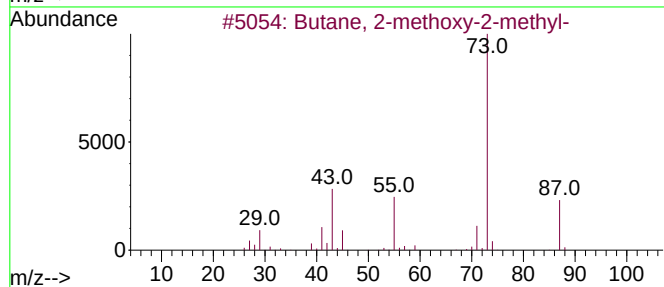
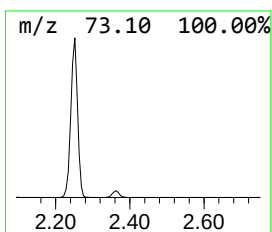
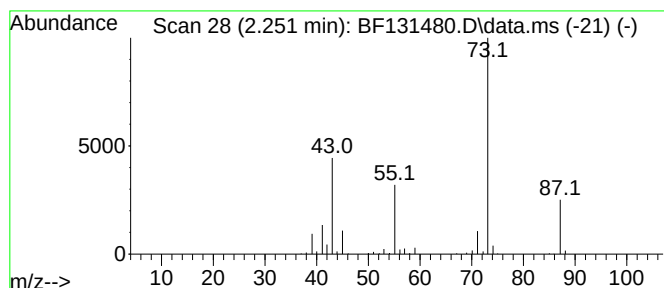
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.251	21.14 ng	603824	1,4-Dichlorobenzene-d4	6.945

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-methyl-	88	C4H8O2	000497-26-7	28
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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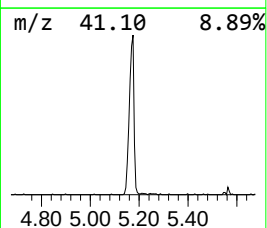
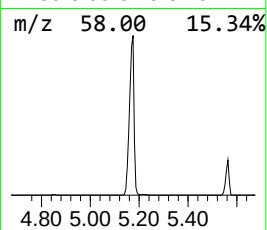
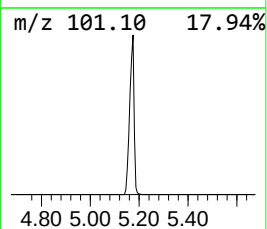
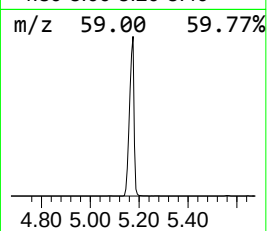
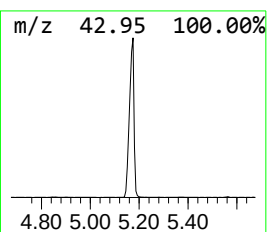
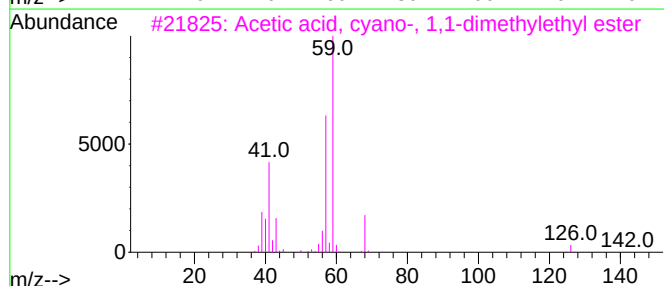
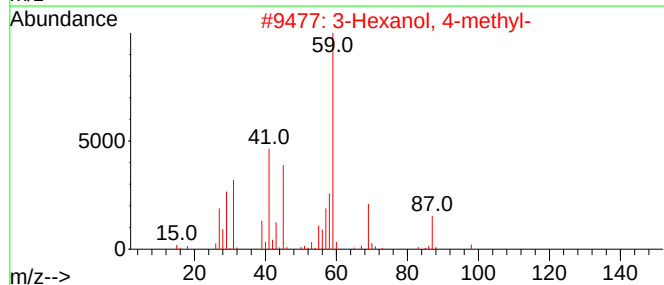
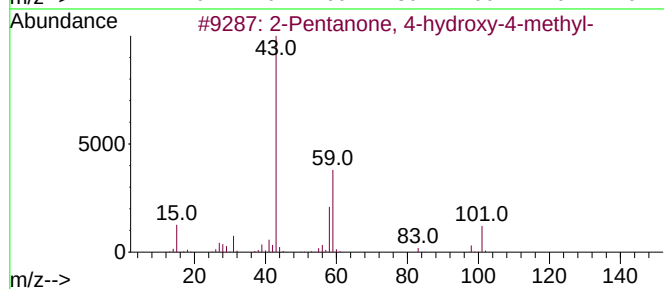
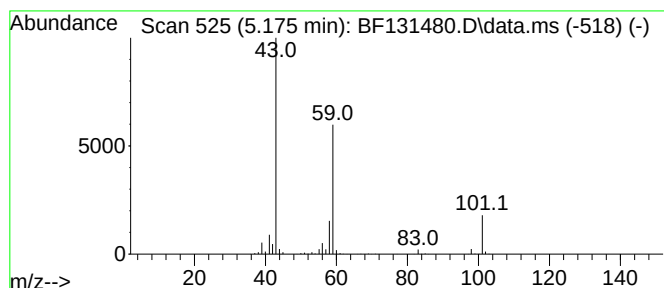
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	46.38 ng	1324460	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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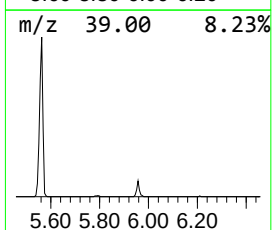
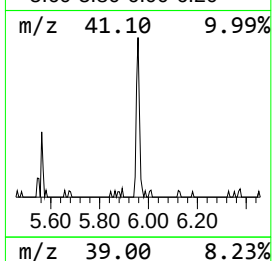
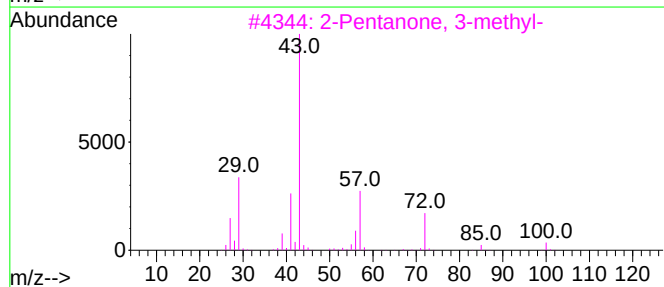
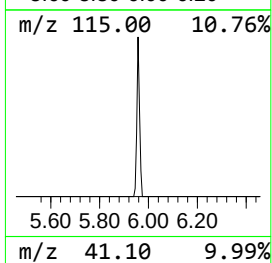
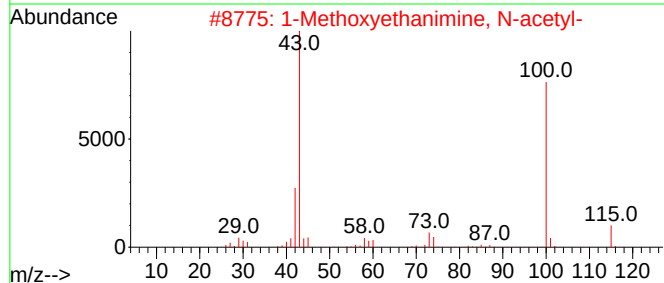
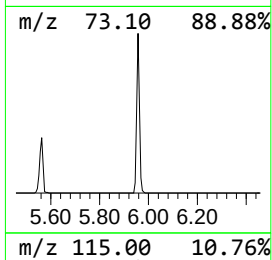
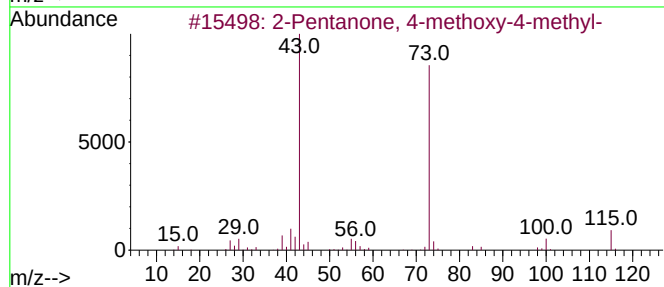
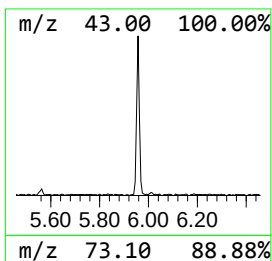
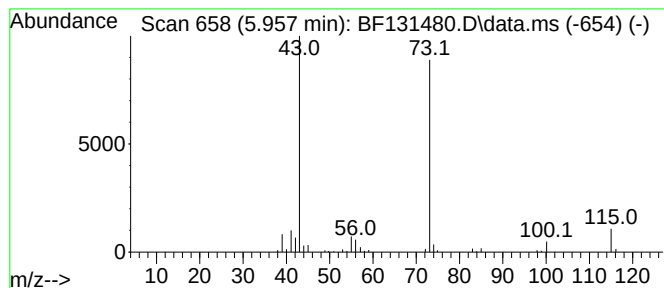
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	3.33 ng	95239	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2			1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
3			2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
5			N-Formylmorpholine	115	C5H9NO2	004394-85-8	9



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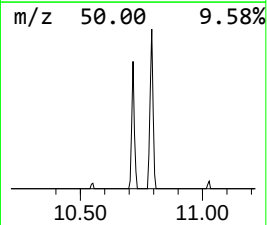
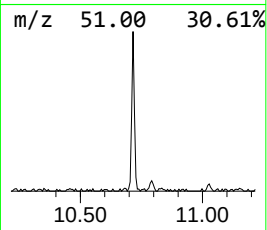
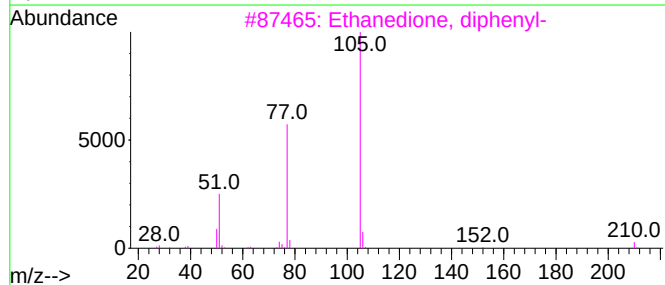
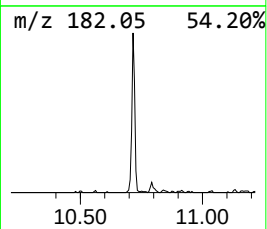
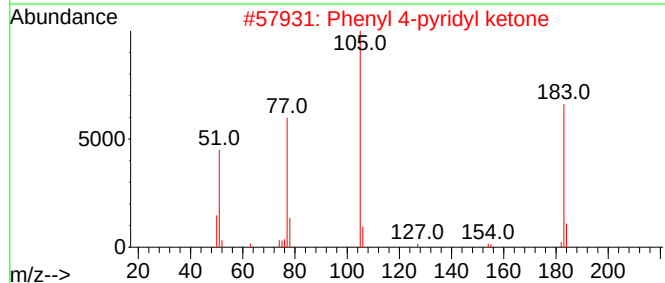
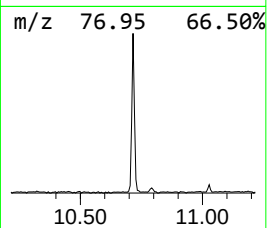
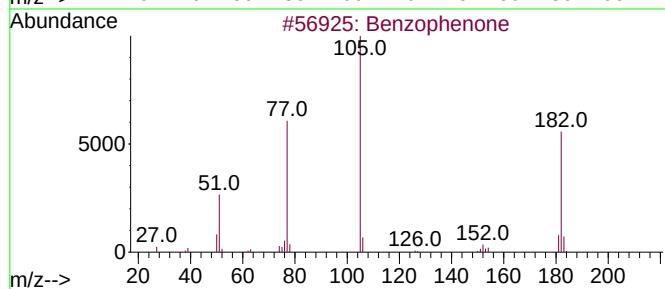
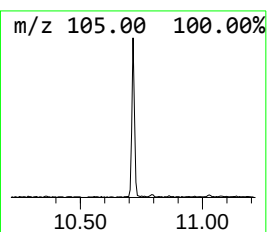
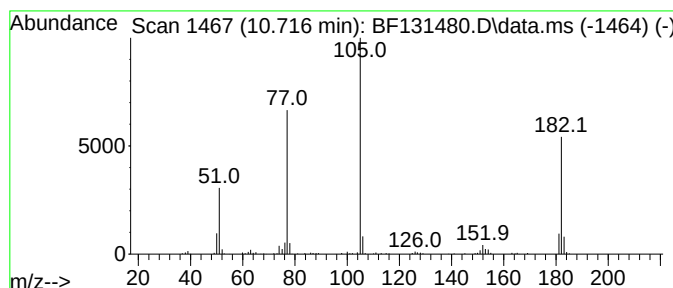
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	3.64 ng	143770	Acenaphthene-d10	9.998

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			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5			Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	47



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TFI-359

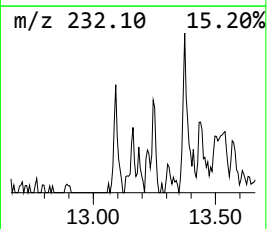
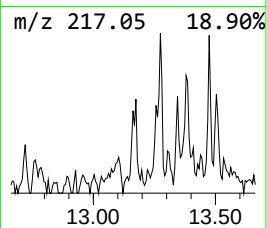
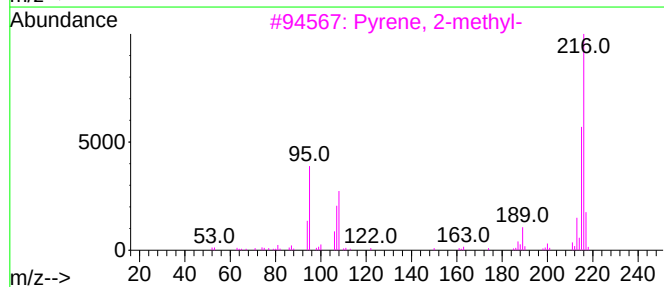
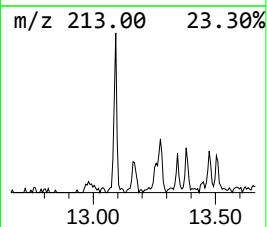
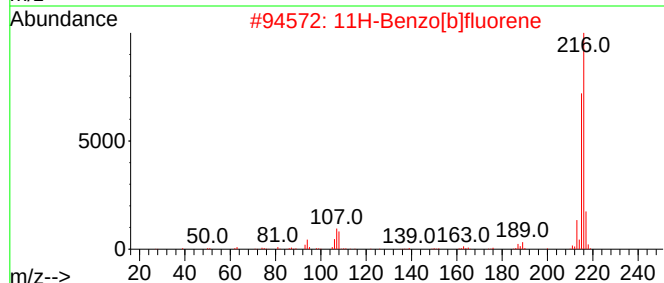
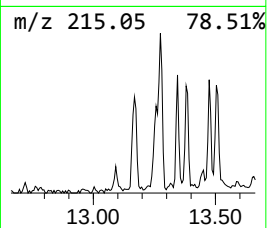
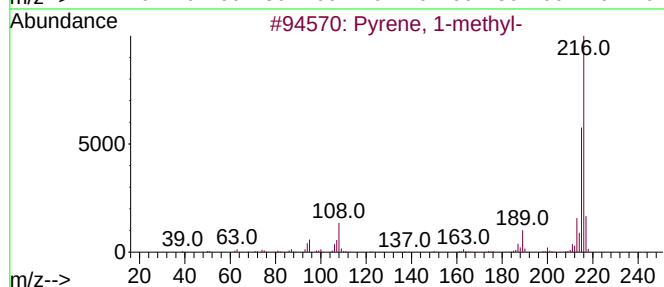
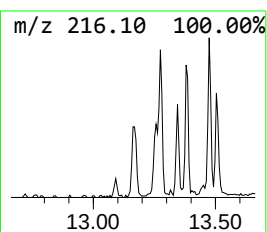
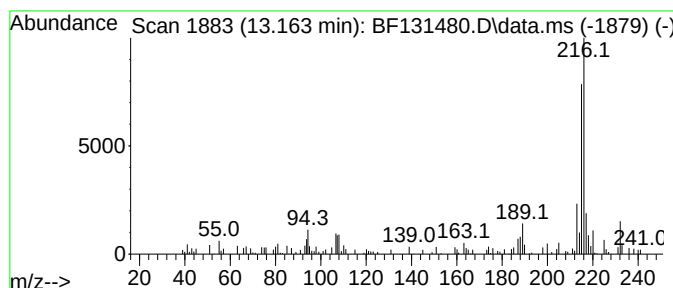
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.44 ng	66163	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
Acq On : 30 Nov 2022 20:00
Operator : CG\JU
Sample : N5789-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TFI-359

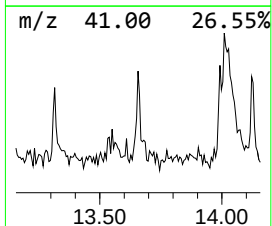
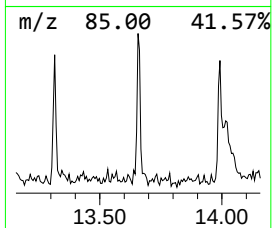
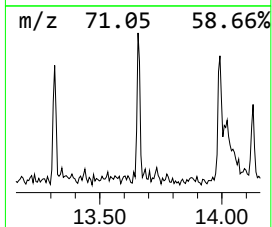
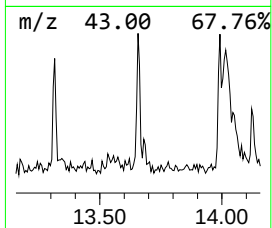
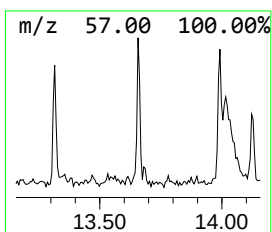
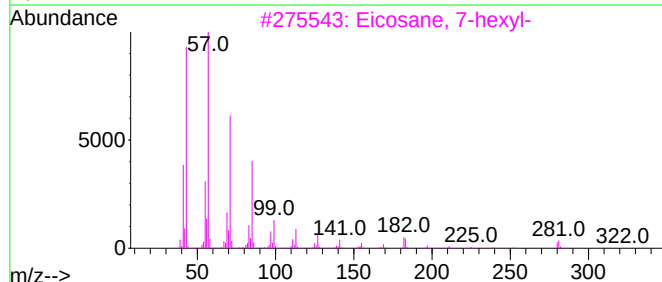
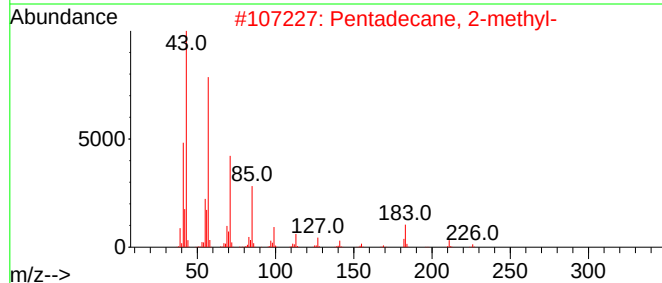
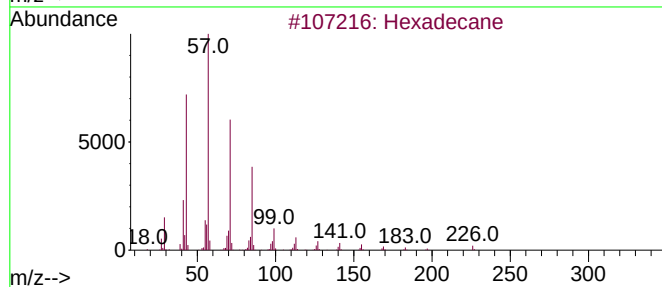
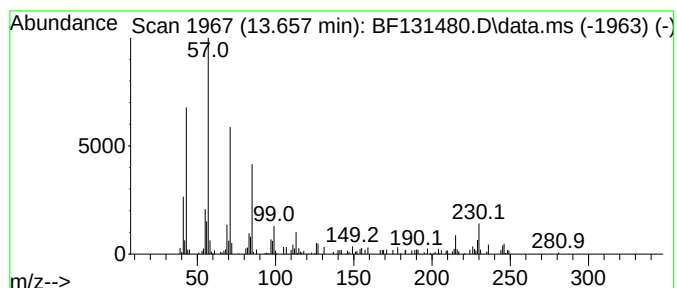
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	2.33 ng	63064	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	81
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
4			Hexacosane	366	C26H54	000630-01-3	74
5			Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
Acq On : 30 Nov 2022 20:00
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Sample : N5789-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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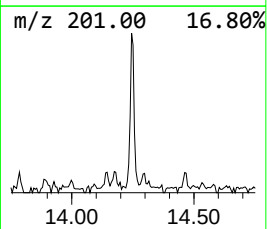
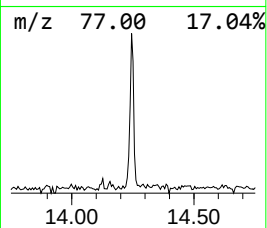
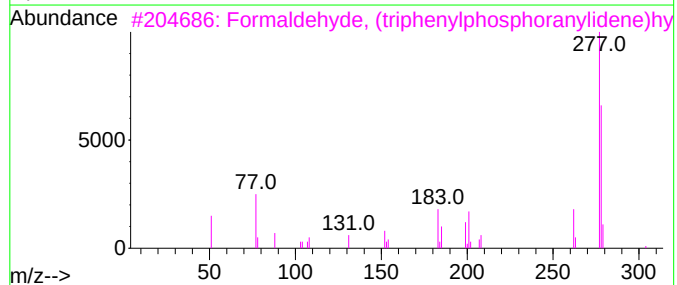
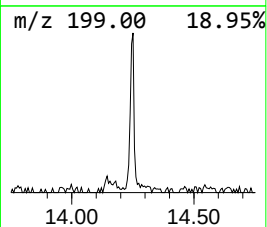
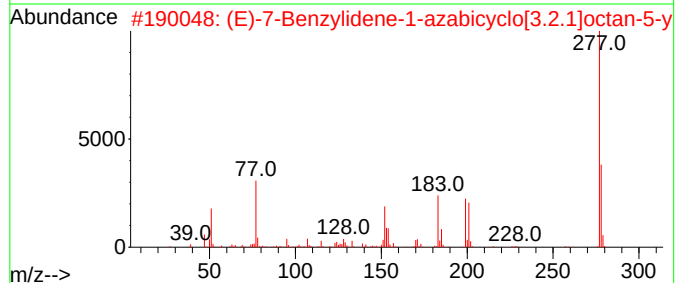
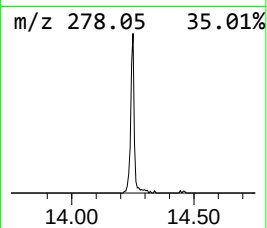
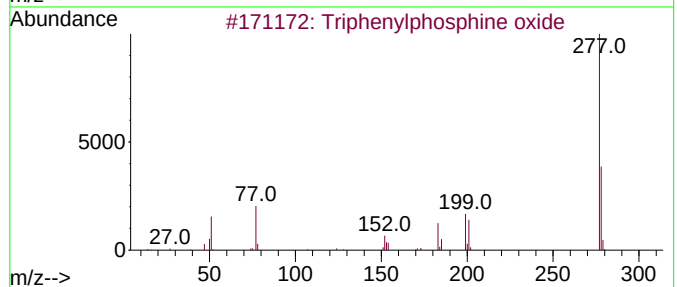
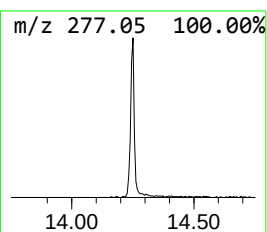
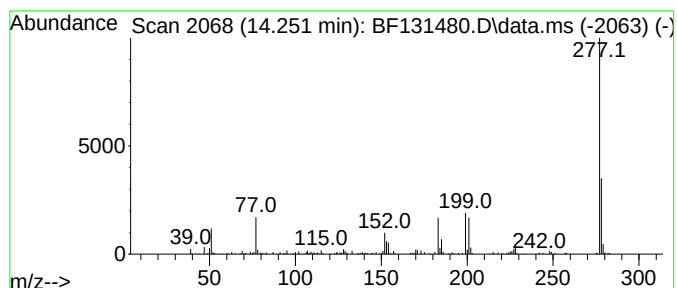
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	5.80 ng	156869	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	90
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
4			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5			Quinoline, 8-methyl-2-(2-methyl-...	278	C17H14N2O2	1000259-06-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
Acq On : 30 Nov 2022 20:00
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Sample : N5789-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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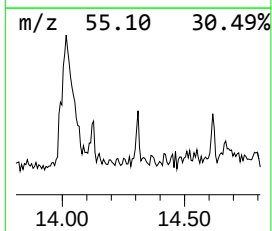
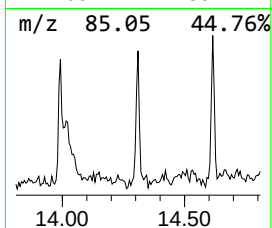
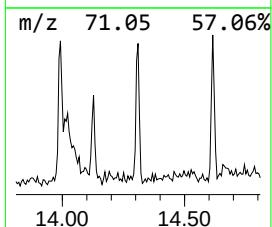
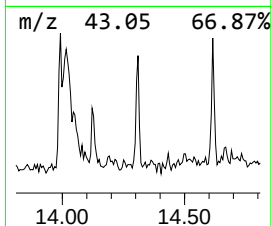
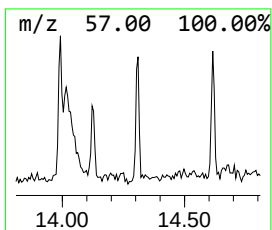
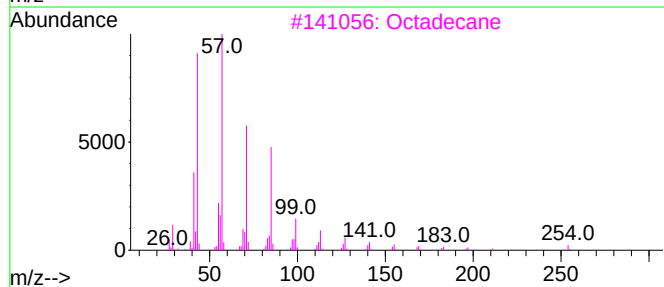
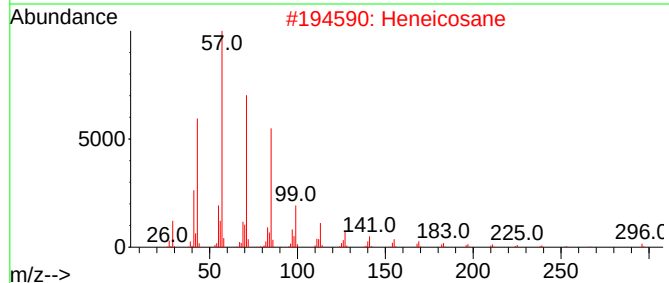
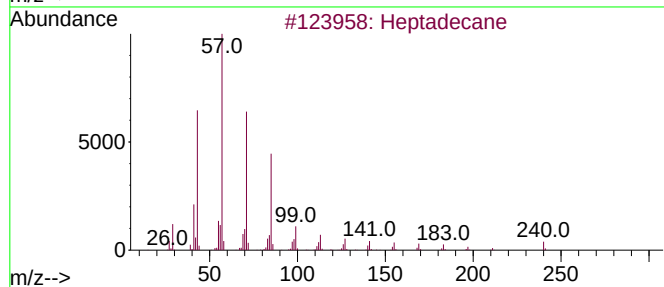
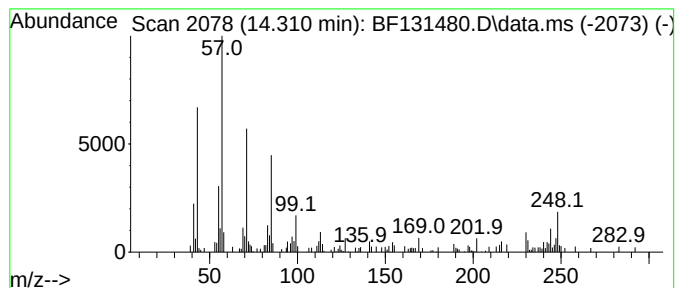
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	2.25 ng	60822	Chrysene-d12	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Heneicosane	296	C21H44	000629-94-7	64
3			Octadecane	254	C18H38	000593-45-3	58
4			Octacosane	394	C28H58	000630-02-4	58
5			Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
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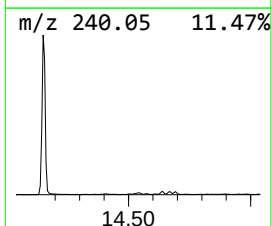
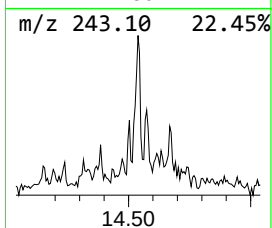
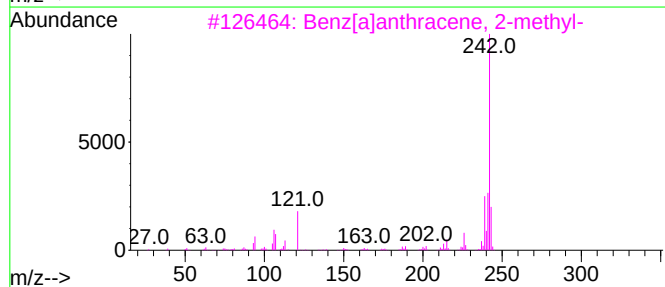
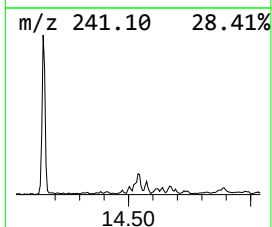
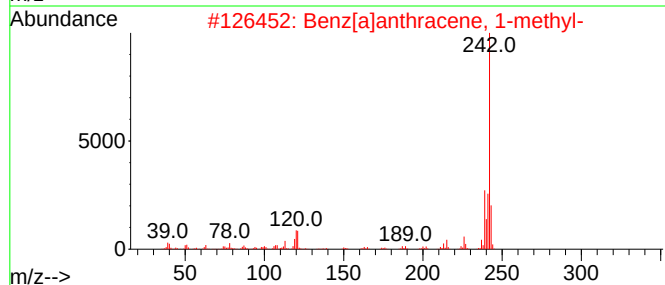
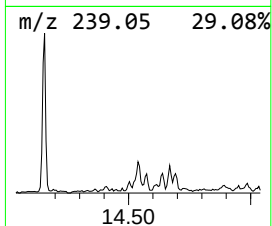
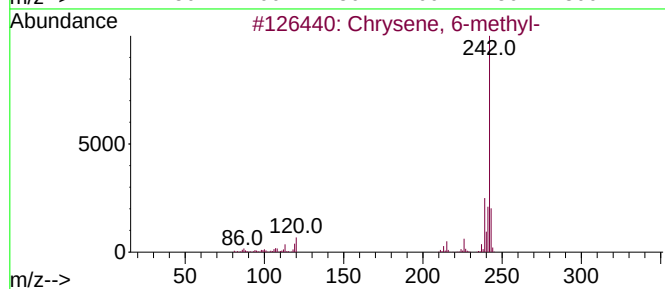
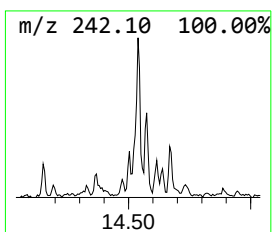
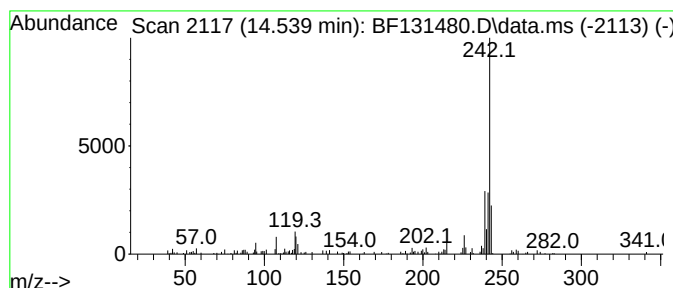
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Chrysene, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.539	2.04 ng	55239	Chrysene-d12	14.151	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	86
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
Acq On : 30 Nov 2022 20:00
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Sample : N5789-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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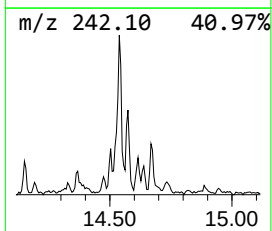
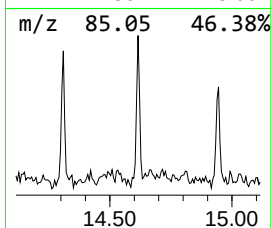
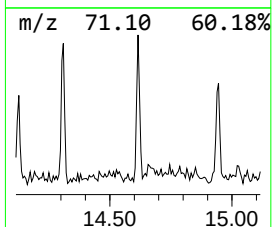
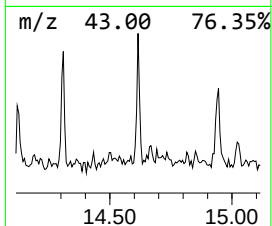
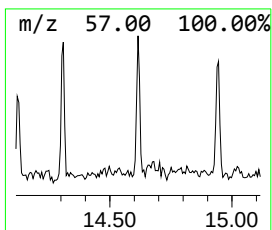
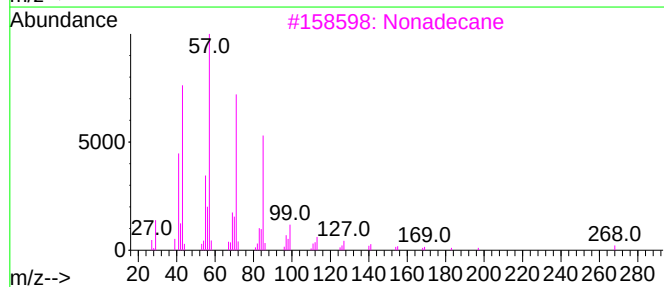
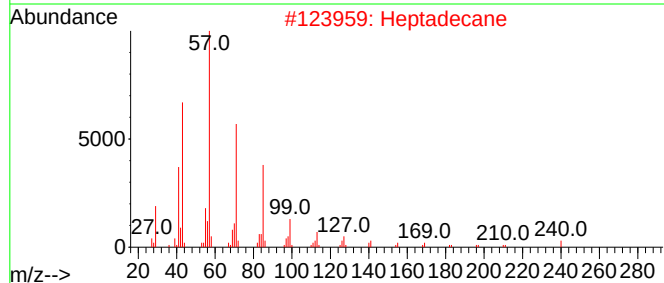
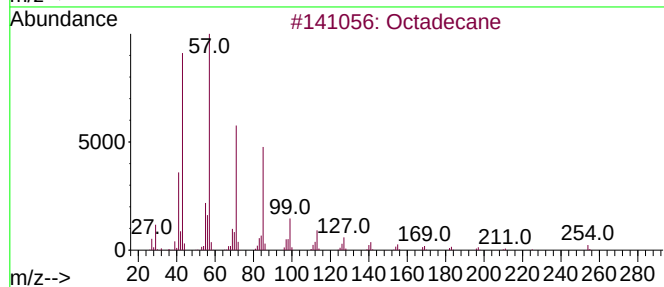
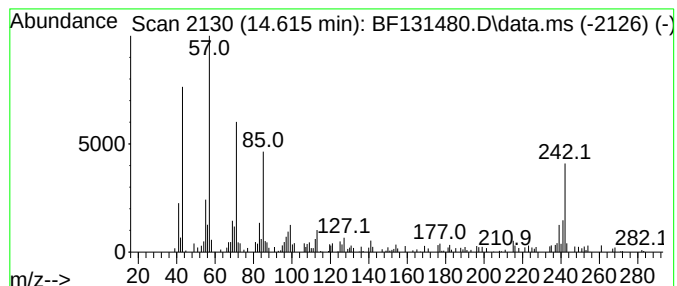
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	2.29 ng	61897	Chrysene-d12	14.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane	240	C17H36	000629-78-7	95
3		Nonadecane	268	C19H40	000629-92-5	70
4		Eicosane	282	C20H42	000112-95-8	70
5		Hexadecane	226	C16H34	000544-76-3	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
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Acq On : 30 Nov 2022 20:00
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Misc :
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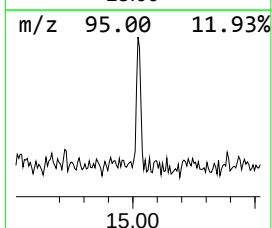
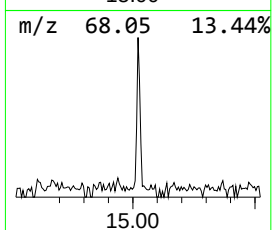
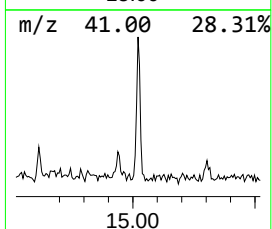
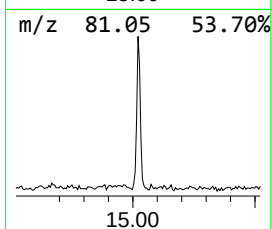
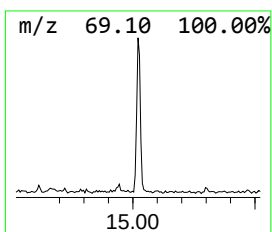
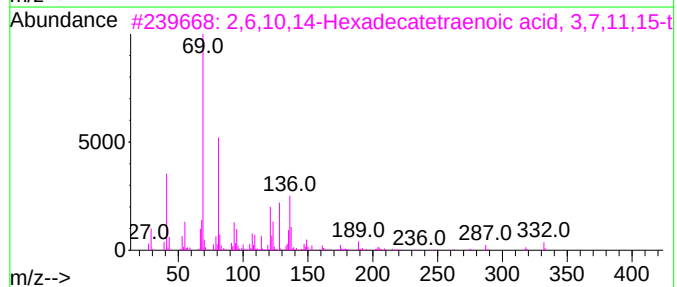
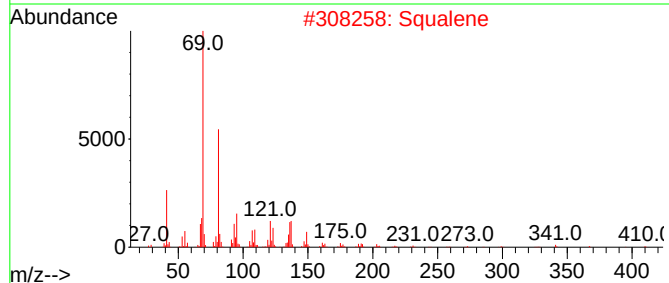
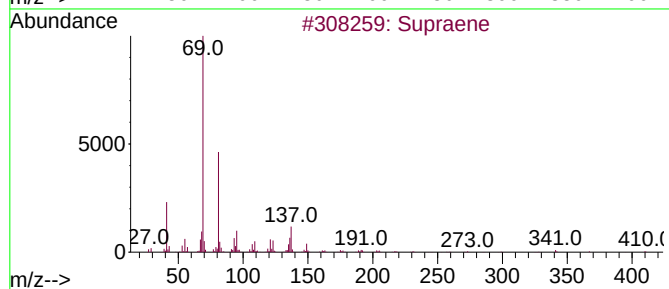
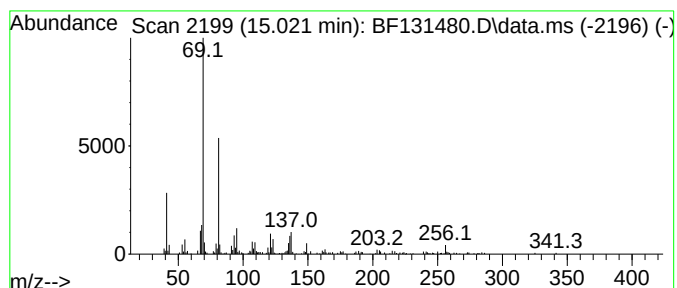
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	4.35 ng	133839	Perylene-d12	15.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	87
2			Squalene	410	C30H50	000111-02-4	86
3			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4			.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	50
5			1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
Acq On : 30 Nov 2022 20:00
Operator : CG\JU
Sample : N5789-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TFI-359

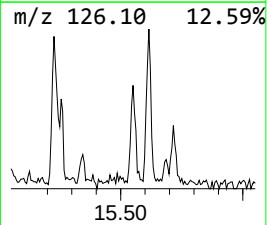
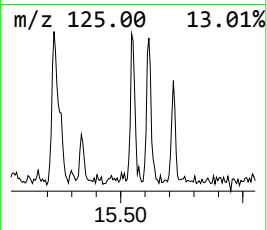
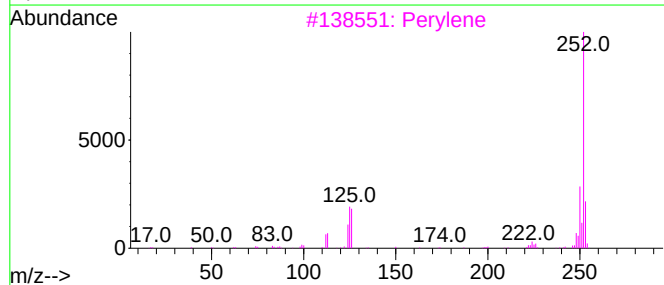
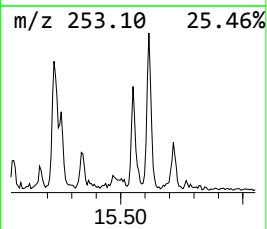
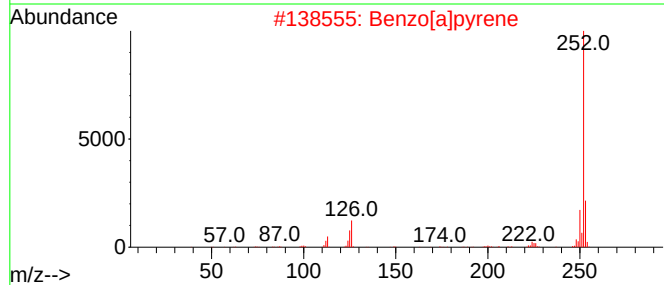
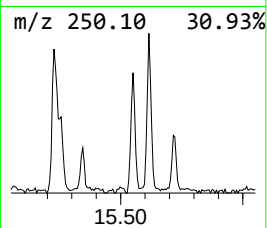
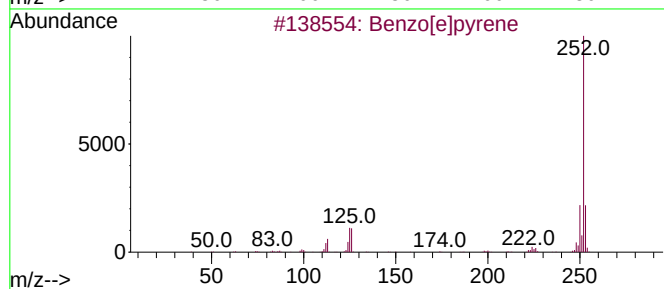
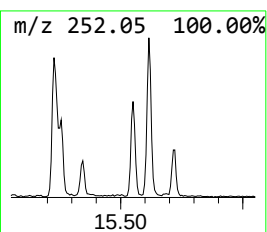
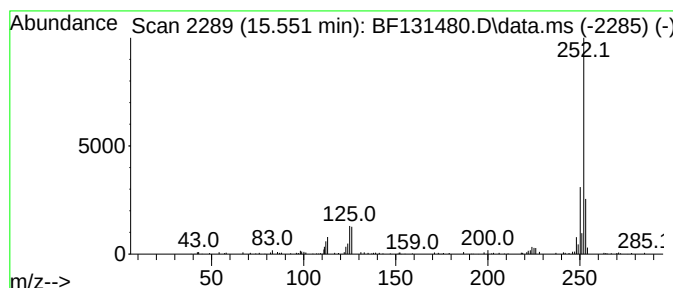
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	3.31 ng	101865	Perylene-d12	15.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131480.D
Acq On : 30 Nov 2022 20:00
Operator : CG\JU
Sample : N5789-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TFI-359

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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...	2.251	21.1	ng	603824	1	6.945	571158	20.0
2-Pentanone, 4-...	5.175	46.4	ng	1324460	1	6.945	571158	20.0
2-Pentanone, 4-...	5.957	3.3	ng	95239	1	6.945	571158	20.0
Benzophenone	10.716	3.6	ng	143770	3	9.998	790524	20.0
Pyrene, 1-methyl-	13.163	2.4	ng	66163	5	14.151	541326	20.0
Hexadecane	13.657	2.3	ng	63064	5	14.151	541326	20.0
Triphenylphosph...	14.251	5.8	ng	156869	5	14.151	541326	20.0
Heptadecane	14.310	2.3	ng	60822	5	14.151	541326	20.0
Chrysene, 6-met...	14.539	2.0	ng	55239	5	14.151	541326	20.0
Octadecane	14.615	2.3	ng	61897	5	14.151	541326	20.0
Supraene	15.021	4.3	ng	133839	6	15.686	615674	20.0
Benzo[e]pyrene	15.551	3.3	ng	101865	6	15.686	615674	20.0